

Authors	Title	Year	Source	Volume	Issue	Cited	Keywords	Categories
Ludwig S., Stitz L., Planz O., Van H., Fitch W.M., Scholtissek C.	European swine virus as a possible source for the next influenza pandemic?	1995	Virology	212	2	56	monoclonal antibody; animal cell; article; bird; controlled study; europe; evolution; genetic variability; influenza; nonhuman; phylogeny; priority journal; swine; swine influenza virus; virus mutant; Animal; Antibodies, Monoclonal; Antibodies, Viral; Antigens, Viral; Chick Embryo; Disease Outbreaks; Europe; Evolution, Molecular; Genes, Viral; Hemagglutinins, Viral; Human; Influenza; Influenza A Virus, Human; Influenza A Virus, Porcine; Molecular Sequence Data; Mutagenesis; Neutralization Tests; Phylogeny; RNA, Viral; Sequence Analysis, DNA; Species Specificity; Support, Non-U.S. Gov't; Swine; Animalia; Aves; Avian influenza virus; Influenza A virus; Influenza virus; Sus scrofa; Swine influenza virus	Epidemiology; Preparedness
Webster R.G., Shortridge K.F., Kawaoka Y.	Influenza: Interspecies transmission and emergence of new pandemics	1997	FEMS Immunology and Medical Microbiology	18	4	32	conference paper; evolution; human; influenza; influenza virus; nonhuman; priority journal; strain difference; virus transmission; world health organization; Animals; Birds; Disease Outbreaks; Disease Transmission, Horizontal; Humans; Influenza, Human; Mutation; Orthomyxoviridae; Population Surveillance; Swine; Virulence; World Health	Epidemiology
Cox N.J., Fukuda K.	Influenza	1998	Infectious Disease Clinics of North America	12	1	44	absenteeism; climate; clinical feature; death; epidemic; hospitalization; human; infection; influenza; influenza vaccination; influenza virus; morbidity; respiratory tract disease; review; Antigens, Viral; Gene Frequency; Humans; Influenza Vaccines; Influenza, Human; Orthomyxoviridae	Surveillance; Epidemiology; Treatment; Vaccination; Virology
Schilling M., Povinelli L., Krause P., Gravenstein M., Ambrozaitis A., Jones H.H., Drinka P., Shult P., Powers D., Gravenstein S.	Efficacy of zanamivir for chemoprophylaxis of nursing home influenza outbreaks	1998	Vaccine	16	18	48	Rimantadine; zanamivir; article; clinical trial; controlled study; drug efficacy; human; influenza; influenza virus; nursing home; prevalence; priority journal; prophylaxis; randomized controlled trial; respiratory tract disease; treatment outcome; virus culture; Aged; Antiviral Agents; Disease Outbreaks; Female; Guanidines; Humans; Influenza A virus; Influenza B virus; Influenza, Human; Male; Nursing Homes; Prospective Studies; Pyrans; Random Allocation; Rimantadine; Sialic Acids; Treatment Outcome; Wisconsin; Zanamivir	Prevention
Belshe R.B.	Influenza as a zoonosis: How likely is a pandemic?	1998	Lancet	351	9101	12	hemagglutinin; influenza vaccine; fowl plague virus; human; influenza; influenza virus; nonhuman; priority journal; short survey; vaccine production; virus transmission; virus virulence; zoonosis; Animals; Asia; Chickens; Disease Outbreaks; Hong Kong; Humans; Influenza A virus; Influenza in Birds; Influenza, Human; Zoonoses	Epidemiology
Bernstein E., Kaye D., Abrutyn E., Gross P., Dorfman M., Murasko D.M.	Immune response to influenza vaccination in a large healthy elderly population	1999	Vaccine	17	1	72	gamma interferon; influenza vaccine; virus antibody; aged; antibody response; article; cellular immunity; cytokine production; female; human; human cell; humoral immunity; influenza; influenza vaccination; major clinical study; male; mononuclear cell; priority journal; retirement; Aged; Aged, 80 and over; Aging; Antibodies, Viral; Female; Humans; Immunity, Cellular; Influenza Vaccines; Influenza, Human; Lymphocyte Activation; Male; T-Lymphocyte Subsets; T-Lymphocytes	Immunity
Remarque E.J., De Jong J.M.A., Van Der Klis R.J., Masurel N., Ligthart G.J.	Dose-dependent antibody response to influenza H1N1 vaccine component in elderly nursing home patients	1999	Experimental Gerontology	34	1	11	immunoglobulin a1; immunoglobulin g; immunoglobulin m; influenza vaccine; adult; aged; antibody response; antibody titer; article; controlled study; dose response; human; immunogenicity; influenza; influenza vaccination; intramuscular drug administration; major clinical study; nursing home; priority journal; Adult; Aged; Aged, 80 and over; Aging; Antibodies, Viral; Antibody Specificity; Dose-Response Relationship, Immunologic; Humans; Immunoglobulin A; Immunoglobulin G; Immunoglobulin M; Influenza Vaccines; Nursing Homes; Vaccination	Vaccination
Garten W., Klenk H.-D.	Understanding influenza virus pathogenicity	1999	Trends in Microbiology	7	3	26	influenza virus; nonhuman; note; pathogenicity; priority journal; Animals; Hemagglutinin Glycoproteins, Influenza Virus; Humans; Orthomyxoviridae; Influenza virus	Pathogenesis
Cox N.J., Subbarao K.	Influenza	1999	Lancet	354	9186	243	amantadine; antiviral agent; influenza vaccine; live vaccine; oseltamivir; rimantadine; sialidase; sialidase inhibitor; unclassified drug; zanamivir; acute respiratory tract disease; clinical practice; clinical trial; complication; diagnostic test; disease control; high risk population; human; influenza; Influenza virus A; Influenza virus B; Inhalational drug administration; Intranasal drug administration; oral drug administration; priority journal; recurrent disease; review; Administration, Intranasal; Adolescent; Adult; Aged; Antiviral Agents; Child; Humans; Influenza Vaccines; Influenza, Human; Orthomyxoviridae; Respiratory Tract Diseases; Reye Syndrome	Surveillance; Epidemiology; Treatment; Vaccination; Virology
Lavanchy D.	The importance of global surveillance of influenza	1999	Vaccine	17	SUPPL. 1	9	influenza vaccine; conference paper; epidemic; health survey; influenza; influenza vaccination; priority journal; virus isolation; Humans; Influenza, Human; World Health; World Health Organization	Surveillance
Simonsen L.	The global impact of influenza on morbidity and mortality	1999	Vaccine	17	SUPPL. 1	78	influenza vaccine; conference paper; cost effectiveness analysis; disease severity; epidemic; influenza; influenza vaccination; morbidity; mortality; priority journal; tropics; Humans; Influenza, Human; Morbidity; World Health	Epidemiology
Neuzil K.M., Wright P.F., Mitchel Jr E.F., Griffin M.R.	The burden of influenza illness in children with asthma and other chronic medical conditions	2000	Journal of Pediatrics	137	6	168	article; asthma; child; chronic disease; disease classification; human; immunization; infection prevention; infection risk; influenza; major clinical study; priority journal; Adolescent; Ambulatory Care; Anti-Bacterial Agents; Asthma; Child; Child, Preschool; Chronic Disease; Cohort Studies; Cost of Illness; Drug Utilization; Female; Heart Diseases; Hospitalization; Humans; Infant; Influenza Vaccines; Influenza, Human; Lung Diseases; Male; Morbidity; Retrospective Studies; Seasons; Tennessee	Epidemiology
Monto A.S., Moulton A.B., Sharp S.J.	Effect of zanamivir on duration and resolution of influenza symptoms	2000	Clinical Therapeutics	22	11	15	amantadine; oseltamivir; placebo; sialidase inhibitor; zanamivir; aged; antiviral activity; article; clinical trial; disease duration; disease severity; drug effect; drug efficacy; high risk population; human; influenza; Influenza virus A; Influenza virus B; major clinical study; respiratory system; treatment outcome; virus replication; Administration, Inhalation; Adult; Aged; Antiviral Agents; Clinical Trials, Phase II; Clinical Trials, Phase III; Enzyme Inhibitors; Guanidines; Humans; Influenza, Human; Middle Aged; Neuraminidase; Pyrans; Randomized Controlled Trials; Sialic Acids; Zanamivir	Treatment
McKimm-Breschkin J.L.	Resistance of influenza viruses to neuraminidase inhibitors - A review	2000	Antiviral Research	47	1	143	Influenza virus hemagglutinin; oseltamivir; sialidase inhibitor; unclassified drug; zanamivir; drug effect; drug sensitivity; gene mutation; Influenza virus; multidrug resistance; nonhuman; priority journal; review; virus characterization; virus mutant; virus mutation; virus resistance; Amino Acid Substitution; Animals; Antiviral Agents; Drug Resistance, Microbial; Enzyme Inhibitors; Glutamic Acid; Guanidines; Humans; Mutation; Neuraminidase; Orthomyxoviridae; Protein Folding; Pyrans; Sialic Acids; Zanamivir	Treatment
De Jong J.C., Rimmelzwaan G.F., Fouchier R.A.M., Osterhaus A.D.M.E.	Influenza virus: A master of metamorphosis	2000	Journal of Infection	40	3	28	antigenic variation; epidemic; influenza; influenza virus; metamorphosis; review; virus morphology; virus virulence; Antigenic Variation; Disease Outbreaks; Hemagglutinin Glycoproteins, Influenza Virus; HN Protein; Humans; Influenza Vaccines; Influenza, Human; Orthomyxoviridae; Reassortant Viruses; Virulence	Virology
Webster R.G.	Immunity to influenza in the elderly	2000	Vaccine	18	16	74	influenza vaccine; interleukin 2; aged; aging; caloric restriction; cellular immunity; cytokine release; human; humoral immunity; influenza; influenza vaccination; nonhuman; priority journal; review; senescence; virus immunity; Aged; Aging; Antigenic Variation; Antigens, Viral; Cell Division; Disease Outbreaks; Humans; Influenza Vaccines; Influenza, Human; Orthomyxoviridae; T-Lymphocytes	Immunity
Demicheli V., Jefferson T., Rivetti D., Deeks J.	Prevention and early treatment of influenza in healthy adults	2000	Vaccine	18	40158	132	amantadine; antiviral agent; influenza vaccine; oseltamivir; rimantadine; sialidase inhibitor; unclassified drug; zanamivir; clinical trial; cost effectiveness analysis; cost utility analysis; drug cost; drug efficacy; drug induced disease; drug safety; human; infection prevention; influenza; influenza vaccination; intranasal drug administration; meta analysis; multicenter study; oral drug administration; priority journal; quality of life; review; Adolescent; Adult; Amantadine; Antiviral Agents; Cost-Benefit Analysis; Guanidines; Humans; Influenza Vaccines; Influenza, Human; Middle Aged; Pyrans; Rimantadine; Sialic Acids; Zanamivir	Preparedness; Treatment
Kramarz P., Destefano F., Gargiulo P.M., Davis R.L., Chen R.T., Mullooly J.P., Black S.B., Bohke K., Ward J.I., Marcy M.S., Okoro C.A.	Influenza vaccination in children with asthma in Health Maintenance Organizations	2000	Vaccine	18	21	88	beta adrenergic receptor stimulating agent; cromoglycate disodium; influenza vaccine; adolescent; algorithm; article; asthma; child; drug effect; female; health maintenance organization; hospitalization; human; immunization; influenza vaccination; major clinical study; male; prediction; prescription; priority journal; socioeconomic; Adolescent; Asthma; Child; Child, Preschool; Female; Health Maintenance Organizations; Humans; Infant; Influenza Vaccines; Male; Vaccination	Vaccination
Kaminsky G.L., Reinhart C.M.	On crises, contagion, and confusion	2000	Journal of International Economics	51	1	99	financial crisis; lending behavior; trade flow	Epidemiology; Preparedness
Kuszewski K., Brydak L.	The epidemiology and history of influenza	2000	Biomedicine and Pharmacotherapy	54	4	12	influenza vaccine; article; epidemic; health care policy; history of medicine; human; incidence; influenza; influenza vaccination; Influenza virus; nonhuman; Poland; priority journal; Humans; Influenza, Human; Poland; Time Factors	Epidemiology
Taubenberger J.K., Reid A.H., Fanning T.G.	The 1918 influenza virus: A killer comes into view	2000	Virology	274	2	50	disaster; epidemic; Europe; human; influenza; Influenza virus A; mortality; phylogeny; priority journal; short survey; United States; virus virulence; Disease Outbreaks; Hemagglutinin Glycoproteins, Influenza Virus; History, 20th Century; Humans; Influenza A virus; Influenza, Human; Neuraminidase; Phylogeny; Virulence	Epidemiology; Virology
Claas E.C.J.	Pandemic influenza is a zoonosis, as it requires introduction of avian-like gene segments in the human population	2000	Veterinary Microbiology	74	1-2	9	conference paper; epidemic; genetic drift; Hong Kong; human; influenza; Influenza virus; Netherlands; virus transmission; zoonosis; Animals; Antigenic Variation; Disease Outbreaks; Humans; Influenza A virus; Influenza, Human; Orthomyxoviridae; Reassortant Viruses; Seasons; Zoonoses; Aves; Avian influenza virus; human influenza virus; Influenza A virus; Influenza virus; Mammalia	Virology
Brown I.H.	The epidemiology and evolution of influenza viruses in pigs	2000	Veterinary Microbiology	74	1-2	69	conference paper; controlled study; evolution; Influenza virus; Influenza virus A; nonhuman; prevalence; species difference; United Kingdom; Animals; Evolution, Molecular; Humans; Orthomyxoviridae; Orthomyxoviridae Infections; Swine; Swine Diseases; Turkey; Variation (Genetics); Zoonoses; Aves; human influenza virus; Influenza A virus; Influenza virus; Mammalia; Sus scrofa	Epidemiology; Virology
Larsen D.L., Karasin A., Zuckermann F., Olsen C.W.	Systemic and mucosal immune responses to H1N1 influenza virus infection in pigs	2000	Veterinary Microbiology	74	1-2	25	gamma interferon; immunoglobulin G; secretory immunoglobulin; animal experiment; animal model; animal tissue; conference paper; controlled study; enzyme linked immunosorbent assay; experimental infection; immune response; Influenza virus; Influenza virus A; nonhuman; swine; Animals; Antibodies, Viral; Enzyme-Linked Immunosorbent Assay; Hemagglutination Inhibition Tests; Immunity, Mucosal; Immunoglobulin A; Immunoglobulin G; Influenza A virus; Influenza A Virus, H1N1 Subtype; Interferon Type II; Orthomyxoviridae Infections; Swine; Swine Diseases; Influenza virus; Sus scrofa; Swine influenza virus	Immunity
Julkunen I., Sareneva T., Pirhonen J., Ronni T., Melen K., Matikainen S.	Molecular pathogenesis of influenza A virus infection and virus-induced regulation of cytokine gene expression	2001	Cytokine and Growth Factor Reviews	12	39874	82	alpha interferon; antiviral agent; beta interferon; caspase; cytokine; gamma interferon; immunoglobulin enhancer binding protein; interferon regulatory factor 1; interleukin 12 receptor; interleukin 18; interleukin 18 receptor; interleukin 1beta; interleukin 6; macrophage inflammatory protein 1alpha; monocyte chemoattractant protein 1; monocyte chemoattractant protein 3; RANTES; STAT protein; synthetase; transcription factor; tumor necrosis factor alpha; animal; apoptosis; cell survival; cytokine production; enzyme activation; epithelium cell; gene expression regulation; genetic transcription; host cell; human; immune response; immunity; infection prevention; influenza; Influenza virus A; leukocyte; macrophage; nonhuman; pathogenesis; receptor upregulation; review; RNA translation; signal transduction; T lymphocyte; Th1 cell; virus replication; Animals; Apoptosis; Caspases; Cytokines; Gene Expression Regulation; Humans; Immunity, Natural; Influenza A virus; Influenza, Human; Macrophages; T-Lymphocytes; Transcription Factors; Virus Replication; Influenza A virus; Influenza virus	Pathogenesis; Virology

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Slepushkin V.A., Staber P.D., Wang G., McCray Jr. P.B., Davidson B.L.	Infection of human airway epithelia with H1N1, H2N2, and H3N2 influenza A virus strains	2001	Molecular Therapy	3	3	12	beta galactosidase; virus vector; apical membrane; article; assay; basolateral membrane; binding kinetics; bronchus; cell membrane; cell surface; confocal microscopy; controlled study; energy transfer; explant; filter; fluorescence; gene therapy; gene transfer; human; human cell; human tissue; Influenza virus A; membrane fusion; model; nonhuman; respiratory epithelium; respiratory tract infection; sensitivity and specificity; tissue culture; tissue differentiation; tissue growth; trachea; virus infectivity; virus recombinant; virus strain; Antibodies, Viral; Bronchi; Cells, Cultured; Endocytosis; Epithelial Cells; Hemagglutination, Viral; Humans; Influenza A virus; Influenza A Virus, H1N1 Subtype; Influenza A Virus, H2N2 Subtype; Influenza A Virus, H3N2 Subtype; Membrane Fusion; Models, Biological; Trachea; Viral Proteins; Virus Replication; Bronchus; human influenza virus; Influenza A virus; Influenza virus; Influenzavirus A	Pathogenesis
Reid A.H., Taubenberger J.K., Fanning T.G.	The 1918 Spanish influenza: Integrating history and biology	2001	Microbes and Infection	3	1	37	hemagglutinin; sialidase; age; disease course; disease predisposition; epidemic; human; influenza; Influenza virus A; mortality; nonhuman; pathology; phylogeny; pneumonia; priority journal; review; viral genetics; virus virulence; Disease Outbreaks; Hemagglutinin Glycoproteins, Influenza Virus; History, 20th Century; Humans; Influenza A virus; Influenza, Human; Neuraminidase; Phylogeny; Virulence; World Health; Influenza A virus	Epidemiology
Rimmelzwaan G.F., Osterhaus A.D.M.E.	Influenza vaccines: New developments	2001	Current Opinion in Pharmacology	1	5	15	DNA vaccine; influenza vaccine; animal; genetics; human; immunology; influenza; methodology; pharmaceuticals; review; synthesis; virology; Animal; Human; Influenza; Influenza Vaccine; Technology, Pharmaceutical; Vaccines, DNA	Vaccination
Taubenberger J.K., Layne S.P.	Diagnosis of influenza virus: Coming to grips with the molecular era	2001	Molecular Diagnosis	6	4	15	hemagglutinin; influenza vaccine; diagnostic accuracy; diagnostic approach route; disease course; genetic variability; human; influenza; Influenza virus; molecular genetics; mortality; nonhuman; restriction fragment length polymorphism; reverse transcription polymerase chain reaction; review; strain difference; United States; viral genetics; Animals; History, 19th Century; History, 20th Century; Humans; Influenza, Human; Molecular Diagnostic Techniques; Orthomyxoviridae; United States	Diagnosis
Rimmelzwaan G.F., De Jong J.C., Bestebroer T.M., Van Loon A.M., Claas E.C.J., Fouchier R.A.M., Osterhaus A.D.M.E.	Antigenic and genetic characterization of swine influenza A (H1N1) viruses isolated from pneumonia patients in The Netherlands	2001	Virology	282	2	15	article; female; genetic analysis; human; Influenza virus; intermediate host; male; Netherlands; nucleotide sequence; pneumonia; priority journal; Swine influenza virus; virus isolation; Adult; Animals; Cell Line; Child, Preschool; Female; Ferrets; Hemagglutination Inhibition Tests; Humans; Immune Sera; Influenza A virus; Influenza A Virus, H1N1 Subtype; Likelihood Functions; Male; Molecular Sequence Data; Netherlands; Phylogeny; Pneumonia, Viral; Sequence Homology, Nucleic Acid; Swine; Aves; Avian influenza virus; Influenza A virus; Influenza virus; Sus scrofa	Epidemiology; Virology
De Jong J.C., Heinen P.P., Loeffen W.L.A., Van Nieuwstadt A.P., Claas E.C.J., Bestebroer T.M., Bijlsma K., Verweij C., Osterhaus A.D.M.E., Rimmelzwaan G.F., Fouchier R.A.M., Kimman T.G.	Antigenic and molecular heterogeneity in recent swine influenza A(H1N1) virus isolates with possible implications for vaccination policy	2001	Vaccine	19	31	14	article; genetic heterogeneity; hemagglutination inhibition test; infection prevention; nucleotide sequence; priority journal; sequence analysis; Swine influenza virus; virus isolation; virus strain; Animals; Antibodies, Viral; Antigenic Variation; Base Sequence; Hemagglutination Inhibition Tests; Hemagglutinin Glycoproteins, Influenza Virus; Influenza A virus; Influenza A Virus, H1N1 Subtype; Influenza Vaccines; Neuraminidase; Nucleoproteins; Orthomyxoviridae Infections; Phylogeny; Swine; Swine Diseases; Vaccination	Virology; Vaccination
Zambon M.C., Stockton J.D., Clewley J.P., Fleming D.M.	Contribution of influenza and respiratory syncytial virus to community cases of influenza-like illness: An observational study	2001	Lancet	358	9291	150	adolescent; adult; aged; article; bronchitis; child; controlled study; hospital admission; human; infant; influenza; Influenza virus; Influenza virus A; Influenza virus B; lower respiratory tract infection; major clinical study; nose smear; nucleotide sequence; priority journal; Respiratory syncytial pneumovirus; reverse transcription polymerase chain reaction; species difference; throat culture; virology; virus characterization; virus detection; virus infection; winter; Adolescent; Adult; Age Distribution; Aged; Child; Child, Preschool; Community-Acquired Infections; Disease Outbreaks; Great Britain; Humans; Incidence; Infant; Influenza, Human; Middle Aged; Molecular Sequence Data; Orthomyxoviridae; Population Surveillance; Respiratory Syncytial Viruses; Reverse Transcriptase Polymerase Chain Reaction; RNA, Viral	Epidemiology
Choi Y.K., Goyal S.M., Kang S.W., Farnham M.W., Joo H.S.	Detection and subtyping of swine influenza H1N1, H2N2 and H3N2 viruses in clinical samples using two multiplex RT-PCR assays	2002	Journal of Virological Methods	102	1-2	33	virus DNA; virus RNA; article; cell culture; controlled study; gene amplification; hemagglutination inhibition test; Influenza virus A; nonhuman; nucleotide sequence; priority journal; respiratory tract infection; reverse transcription polymerase chain reaction; RNA extraction; sampling; swine disease; Swine influenza virus; virus detection; virus etiology; virus identification; virus isolation; virus titration; virus typing; Animals; Cell Line; Influenza A virus; Influenza A Virus, H1N1 Subtype; Influenza A Virus, H3N2 Subtype; Orthomyxoviridae Infections; Reverse Transcriptase Polymerase Chain Reaction; Swine; Swine Diseases; Influenza A virus; Influenza virus; Sus scrofa; Swine influenza virus	Diagnosis; Virology
Salgado C.D., Farr B.M., Hall K.K., Hayden F.G.	Influenza in the acute hospital setting	2002	Lancet Infectious Diseases	2	3	77	amantadine; oseltamivir; rimantadine; sialidase inhibitor; zanamivir; antigen detection; drug efficacy; fever; health care personnel; hospital infection; human; infection control; infection prevention; infection risk; influenza; influenza vaccination; priority journal; respiratory tract disease; review; virus culture; Acetamides; Amantadine; Antiviral Agents; Cross Infection; Disease Outbreaks; Guanidines; Hospitals; Humans; Influenza Vaccines; Influenza, Human; Nursing Staff, Hospital; Oseltamivir; Pyrans; Rimantadine; Sialic Acids; Vaccination; Virginia; Zanamivir	Epidemiology; Preparedness
Reichert T.A.	The Japanese program of vaccination of schoolchildren against influenza: Implications for control of the disease	2002	Seminars in Pediatric Infectious Diseases	13	2	11	influenza vaccine; child health care; health program; human; infection control; infection prevention; influenza; influenza vaccination; Japan; review; school child; social care; Adolescent; Child; Hospitalization; Humans; Immunization Programs; Influenza Vaccines; Influenza, Human; Japan; Orthomyxoviridae; Program Evaluation; United States; Vaccination	Vaccination; Prevention
Ives J.A.L., Carr J.A., Mendel D.B., Tai C.Y., Lambkin R., Kelly L., Oxford J.S., Hayden F.G., Roberts N.A.	The H274Y mutation in the influenza A/H1N1 neuraminidase active site following oseltamivir phosphate treatment leave virus severely compromised both in vitro and in vivo	2002	Antiviral Research	55	2	80	4 acetamido 5 amino 3 (1 ethylpropoxy) 1 cyclohexene 1 carboxylic acid; histidine; oseltamivir; sialidase; tyrosine; virus enzyme; amino acid substitution; animal cell; animal experiment; animal model; antibiotic resistance; antibiotic sensitivity; article; controlled study; disease model; enzyme active site; experimental infection; female; human; human experiment; in vitro study; in vivo study; Influenza virus; mouse; nonhuman; pathogenicity; priority journal; site directed mutagenesis; virus culture; virus infection; virus infectivity; virus mutation; virus replication; Acetamides; Amino Acid Substitution; Animals; Antiviral Agents; Body Weight; Cell Line; Disease Models, Animal; Drug Resistance, Viral; Ferrets; Fever; Humans; Inflammation; Influenza A virus; Influenza A Virus, H1N1 Subtype; Influenza, Human; Mice; Mice, Inbred BALB C; Mutagenesis, Site-Directed; Mutation; Neuraminidase; Oseltamivir; Sequence Analysis, DNA; Virus Replication; Animalia; Influenza virus; Mustela putorius furo	Treatment; Virology
Oxford J.S., Sefton A., Jackson R., Innes W., Daniels R.S., Johnson N.P.A.S.	World war I may have allowed the emergence of "Spanish" influenza	2002	Lancet Infectious Diseases	2	2	26	bronchitis; cyanosis; France; history of medicine; influenza; mortality; priority journal; respiratory tract disease; retrospective study; review; United Kingdom; war; world health organization; Disaster Planning; Disease Outbreaks; France; Great Britain; History, 20th Century; Humans; Influenza, Human; War	Epidemiology
Earn D.J.D., Dushoff J., Levin S.A.	Ecology and evolution of the flu	2002	Trends in Ecology and Evolution	17	7	52	amantadine; antiviral agent; influenza vaccine; rimantadine; triple vaccine; evolution; influenza; population dynamics; virus; central nervous system disease; clinical trial; ecology; empiricism; epidemic; gastrointestinal disease; human; influenza; influenza virus; mathematical model; molecular evolution; phylogenetic tree; population dynamics; prediction; review; species extinction; virus strain; Influenza virus; RNA viruses	Epidemiology
Flisser A., Velasco-Villa A., Martinez-Campos C., Gonzalez-Dominguez F., Briseno-Garcia B., Garcia-Suarez R., Caballero-Servin A., Hernandez-Monroy I., Garcia-Lozano H., Gutierrez-Cogco L., Rodriguez-Angeles G., Lopez-Martinez I., Galindo-Virgen S., Vazquez-Campuzano R., Balandrano-Campos S., Guzman-Bracho C., Olivo-Diaz A., De la Rosa J.L., Magos C., Escobar-Gutierrez A., Correa D.	Infectious diseases in Mexico. A survey from 1995-2000	2002	Archives of Medical Research	33	4	9	iodine; protozoan antibody; sodium chloride; Aedes aegypti; bacterial infection; bacterium isolation; blood bank; Chagas disease; cholera; conference paper; cysticercosis; dengue; differential diagnosis; disease carrier; epidemic; epidemiological data; Escherichia coli; health survey; high performance liquid chromatography; human; Influenza virus; laboratory test; leptospirosis; Mexico; multidrug resistance; Mycobacterium tuberculosis; nonhuman; parasite identification; Rabies virus; reverse transcription polymerase chain reaction; Rotavirus; Salmonella; salmonellosis; seasonal variation; serodiagnosis; sexually transmitted disease; Shigella; skin leishmaniasis; Triatoma; triatoma barberi; Trichinella spiralis; Trypanosoma cruzi; tuberculosis; urine level; Vibrio cholerae; virus identification; virus infection; virus strain; virus transmission; Animals; Communicable Diseases; Disease Outbreaks; Health Surveys; Humans; Mexico; Public Health; Serologic Tests	Epidemiology
Smith K.J., Roberts M.S.	Cost-effectiveness of newer treatment strategies for influenza	2002	American Journal of Medicine	113	4	25	amantadine; antiviral agent; oseltamivir; rimantadine; sialidase inhibitor; zanamivir; adult; aged; antimicrobial therapy; article; clinical practice; controlled study; cost effectiveness analysis; drug cost; health care cost; human; influenza; influenza A; model; mortality; priority journal; virus detection; virus diagnosis; Acetamides; Adult; Age Distribution; Aged; Aged, 80 and over; Amantadine; Antiviral Agents; Cost-Benefit Analysis; Decision Trees; Diagnostic Tests, Routine; Drug Costs; Female; Human; Influenza; Male; Middle Age; Monte Carlo Method; Neuraminidase; Pennsylvania; Quality-Adjusted Life Years; Sialic Acids	Treatment
Stohr K.	Influenza - WHO cares	2002	Lancet Infectious Diseases	2	9	12	influenza vaccine; developed country; epidemic; health program; human; infection control; influenza; influenza vaccination; priority journal; short survey; world health organization; Congresses; Health Planning; Health Priorities; Humans; Influenza Vaccines; Influenza, Human; World Health Organization	Preparedness
Laver G., Garman E.	Pandemic influenza: Its origin and control	2002	Microbes and Infection	4	13	15	antivirus agent; sialidase; vaccine; epidemic; human; immunity; infection control; influenza; Influenza virus; nonhuman; priority journal; review; vaccination; virus transmission; Animals; Antiviral Agents; Birds; Chickens; China; Disease Outbreaks; Drug Resistance, Viral; Humans; Influenza A virus; Influenza, Human; Models, Molecular; Neuraminidase; Orthomyxoviridae; Influenza virus	Epidemiology
Scuffham P.A., West P.A.	Economic evaluation of strategies for the control and management of influenza in Europe	2002	Vaccine	20	19-20	36	amantadine; antiviral agent; influenza vaccine; ion channel inhibitor; oseltamivir; rimantadine; sialidase inhibitor; unclassified drug; zanamivir; aged; article; chemoprophylaxis; controlled study; cost benefit analysis; cost effectiveness analysis; France; Germany; hospitalization; human; infection control; influenza; influenza vaccination; nausea; neurologic disease; priority journal; respiratory failure; side effect; treatment outcome; United Kingdom; cost; economics; Europe; Antiviral Agents; Costs and Cost Analysis; Europe; Human; Influenza; Influenza Vaccine; Support, Non-U.S. Gov't; Humans; Influenza Vaccines; Influenza, Human	Preparedness; Prevention
Olsen C.W.	The emergence of novel swine influenza viruses in North America	2002	Virus Research	85	2	53	virus antigen; Canada; epidemiological data; fowl; genetic analysis; genotype; influenza; nonhuman; North America; population research; priority journal; review; swine; swine disease; Swine influenza virus; United States; virus gene; virus examination; virus isolation; virus typing; Animals; Canada; Humans; Influenza A virus; Influenza in Birds; Influenza, Human; North America; Orthomyxoviridae Infections; Species Specificity; Swine; Swine Diseases; United States; Variation (Genetics); Aves; Influenza virus; Sus scrofa; Swine influenza virus	Epidemiology; Virology

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Savy V.	Regional perspectives on influenza surveillance in South America	2002	Vaccine	20	SUPPL. 2	1	influenza vaccine; Argentina; article; Brazil; Chile; cooperation; health care personnel; health promotion; health survey; human; influenza; influenza vaccination; information; information system; interpersonal communication; laboratory; physician; priority journal; public health; South America; technology; animal; influenza virus A; isolation and purification; South Africa; virology; Animal; Human; Influenza; Influenza A virus; South Africa; Animals; Humans; Influenza, Human	Surveillance
Tumova B., Hannoun C.	Perspectives on influenza surveillance in Europe: European scientific working group on influenza, Brussels	2002	Vaccine	20	SUPPL. 2	1	animal model; article; cooperation; diagnostic procedure; Europe; evaluation; health survey; human; influenza; laboratory; periodic medical examination; personnel; priority journal; animal; Animal; Europe; Human; Influenza; Animals; Humans; Influenza, Human	Surveillance
Lavanchy D.	World Health Organization, 50 years of influenza surveillance: A challenge for the 21st century: Meeting 17-19 February 1999, WHO, Geneva	2002	Vaccine	20	SUPPL. 2		antivirus agent; influenza vaccine; conference paper; endemic disease; health survey; history; human; influenza; influenza vaccination; Influenza virus A; international cooperation; Internet; mortality; policy; priority journal; world health organization; animal; article; Animal; Human; Influenza; World Health Organization; Animals; Humans; Influenza, Human	Surveillance
Nejmi S.	Regional perspectives on influenza surveillance in North Africa (PISNA)	2002	Vaccine	20	SUPPL. 2		Algeria; diagnostic test; disease severity; early diagnosis; economic aspect; education; epidemic; Europe; health practitioner; health promotion; health survey; high risk population; human; influenza; influenza vaccination; Influenza virus; information; interpersonal communication; Libyan Arab Jamahiriya; Mauritania; morbidity; Morocco; mortality; nonhuman; North Africa; note; population research; priority journal; research; social problem; Tunisia; virus detection; virus strain; world health organization; Africa; animal; article; Africa, Northern; Animal; Human; Influenza; Animals; Humans; Influenza, Human	Surveillance
Gensheimer K.F., Fukuda K., Brammer L., Cox N., Patriarca P.A., Strikes R.A.	Preparing for pandemic influenza: The need for enhanced surveillance	2002	Vaccine	20	SUPPL. 2	5	influenza vaccine; article; control; cultural anthropology; demography; developing country; disaster; documentation; financial management; government; health survey; human; influenza; planning; population; priority journal; process design; public health; rural area; urban area; work; animal; health care planning; United States; Animal; Health Planning; Human; Influenza; Public Health; United States; Animals; Humans; Influenza, Human	Surveillance
Snacken R.	Pandemic planning	2002	Vaccine	20	SUPPL. 2	4	hemagglutinin; influenza vaccine; article; epidemic; health center; human; Influenza virus A; nonhuman; planning; priority journal; virus strain; world health organization; health care planning; influenza; vaccination; Health Planning; Human; Influenza; Vaccination; World Health Organization; Humans; Influenza, Human	Preparedness
Webster R.G.	The importance of animal influenza for human disease	2002	Vaccine	20	SUPPL. 2	31	influenza vaccine; agriculture; animal model; article; bird; disease severity; epidemiological data; genetic analysis; health survey; human; influenza; Influenza virus; molecular ecology; molecular evolution; nonhuman; poultry; priority journal; RNA virus; species comparison; virus transmission; zoonosis; animal; classification; disease carrier; disease transmission; genetics; Influenza virus A; phylogeny; swine; Animal; Birds; Disease Reservoirs; Human; Influenza; Influenza A virus; Phylogeny; Support, Non-U.S. Gov't; Support, U.S. Gov't, P.H.S.; Swine; Zoonoses; Animals; Humans; Influenza, Human	Epidemiology
Schoub B.D., McAnerney J.M., Besselaar T.G.	Regional perspectives on influenza surveillance in Africa	2002	Vaccine	20	SUPPL. 2	2	influenza vaccine; absenteeism; Africa; agricultural worker; article; Australia; disease severity; economic aspect; epidemic; health promotion; health survey; human; income; influenza; influenza vaccination; Influenza virus; nonhuman; outpatient department; priority journal; Senegal; South Africa; United Kingdom; virus characterization; virus isolation; world health organization; animal; genetics; immunology; Influenza virus A; virology; Animal; Human; Influenza; Influenza A virus; South Africa; Animals; Humans; Influenza, Human	Surveillance
Hilleman M.R.	Realities and enigmas of human viral influenza: Pathogenesis, epidemiology and control	2002	Vaccine	20	25-26	75	hemagglutinin; influenza vaccine; live vaccine; subunit vaccine; virus RNA; Influenza virus hemagglutinin; sialidase; virus antibody; virus antigen; antigen specificity; chemotherapy; epidemic; gene sequence; host parasite interaction; human; humoral immunity; immunosurveillance; infection control; Influenza virus; Influenza virus A; ligand binding; morbidity; mortality; point mutation; priority journal; review; sequence analysis; survival; treatment failure; virus isolation; adolescent; adult; aged; animal; biosynthesis; cell line; chicken; child; classification; disease carrier; female; forecasting; genetic reassortment; genetics; health care policy; immunology; infant; influenza; male; mammal; middle aged; pathogenicity; physiology; preschool child; statistics; virology; virulence; virus culture; Adolescent; Adult; Aged; Animal; Antibodies, Viral; Antigens, Viral; Cell Line; Chickens; Child; Child, Preschool; Disease Outbreaks; Disease Reservoirs; Female; Forecasting; Health Policy; Hemagglutinin Glycoproteins, Influenza Virus; Human; Infant; Influenza; Influenza A Virus, Human; Influenza Vaccine; Male; Mammals; Middle Age; Neuraminidase; Reassortant Viruses; Virulence; Virus Cultivation; Animals; Humans; Influenza A virus; Influenza Vaccines; Influenza, Human; Middle Aged	Pathogenesis; Epidemiology
Hoffmann E., Krauss S., Perez D., Webby R., Webster R.G.	Eight-plasmid system for rapid generation of influenza virus vaccines	2002	Vaccine	20	25-26	98	influenza vaccine; recombinant DNA; article; chicken; controlled study; drug manufacture; drug synthesis; egg; gene expression system; genetic transfection; Influenza virus A; nonhuman; phenotype; plasmid; priority journal; virus gene; virus strain; wild type; animal; antigenic variation; biosynthesis; bird; cell line; chick embryo; China; comparative study; Czechoslovakia; dog; evaluation; gene vector; genetic reassortment; genetics; immunology; isolation and purification; New Caledonia; Panama; reproducibility; reverse transcription polymerase chain reaction; virology; virus culture; Animal; Antigenic Variation; Birds; Cell Line; Chick Embryo; China; Comparative Study; Czechoslovakia; DNA, Recombinant; Dogs; Genes, Viral; Genetic Vectors; Influenza A Virus, Avian; Influenza A Virus, Human; Influenza Vaccine; New Caledonia; Panama; Phenotype; Reassortant Viruses; Reproducibility of Results; Reverse Transcriptase Polymerase Chain Reaction; Support, Non-U.S. Gov't; Support, U.S. Gov't, P.H.S.; Transfection; Virus Cultivation; Animals; Influenza A virus; Influenza Vaccines	Vaccination
Zanetti A.R., Amendola A., Besana S., Boschini A., Tanzi E.	Safety and immunogenicity of influenza vaccination in individuals infected with HIV	2002	Vaccine	20	SUPPL. 5	28	CD4 antigen; influenza vaccine; unclassified drug; virus DNA; virus RNA; antibody titer; cell count; comparative study; disease course; disease predisposition; drug dependence; drug effect; drug safety; drug tolerance; drug use; fever; flu like syndrome; human; Human immunodeficiency virus; Human immunodeficiency virus infection; immunization; immunocompetence; immunogenicity; influenza; influenza vaccination; influenza virus; lymphocyte count; mortality; myalgia; priority journal; respiratory tract disease; review; risk factor; sore throat; virus infection; virus load; virus replication; adult; blood; CD4+ T lymphocyte; child; clinical trial; immunology; Influenza virus A; Influenza virus B; vaccination; virology; Adult; CD4-Positive T-Lymphocytes; Child; Clinical Trials; DNA, Viral; HIV Infections; Humans; Influenza A virus; Influenza B virus; Influenza Vaccines; Influenza, Human; RNA, Viral; Vaccination	Vaccination
Wood J.M.	Selection of influenza vaccine strains and developing pandemic vaccines	2002	Vaccine	20	SUPPL. 5	15	influenza vaccine; antigenicity; drug screening; drug surveillance program; egg; epidemic; genetic analysis; hen; human; influenza; influenza vaccination; Influenza virus; priority journal; review; vaccine production; virus attenuation; virus detection; virus strain; virus virulence; world health organization; clinical trial; genetics; health; health survey; immunology; practice guideline; vaccination; virology; Clinical Trials; Disease Outbreaks; Humans; Influenza Vaccines; Influenza, Human; Population Surveillance; Practice Guidelines; Vaccination; World Health; World Health Organization	Vaccination
Hungnes O.	The role of genetic analysis in influenza virus surveillance and strain characterisation	2002	Vaccine	20	SUPPL. 5	4	antigenicity; assay; disease control; drug surveillance program; epidemic; epidemiology; genetic analysis; genetic database; human; Influenza virus; medical research; molecular genetics; Norway; nucleotide sequence; phylogeny; priority journal; review; virus isolation; virus strain; article; classification; genetic polymorphism; genetics; health survey; influenza; information processing; Orthomyxovirus; virology; Data Collection; Disease Outbreaks; Humans; Influenza, Human; Norway; Orthomyxoviridae; Phylogeny; Polymorphism, Genetic; Population Surveillance	Surveillance; Virology
Beyer W.E.P., Palache A.M., De Jong J.C., Osterhaus A.D.M.E.	Cold-adapted live influenza vaccine versus inactivated vaccine: Systemic vaccine reactions, local and systemic antibody response, and vaccine efficacy: A meta-analysis	2002	Vaccine	20	9-10	75	hemagglutination inhibiting antibody; immunoglobulin A antibody; inactivated vaccine; influenza vaccine; age; antibody blood level; antibody response; article; clinical trial; controlled clinical trial; controlled study; drug efficacy; drug safety; enzyme linked immunosorbent assay; human; infection risk; influenza; major clinical study; meta analysis; priority journal; randomized controlled trial; strain difference; Adaptation, Physiological; Administration, Intranasal; Adolescent; Adult; Aged; Antibodies, Viral; Child; Child, Preschool; Cold; Humans; Immunoglobulin A; Infant; Influenza Vaccines; Influenza, Human; Injections, Intramuscular; Middle Aged; Vaccines, Inactivated	Vaccination
Sattenspiel L., Herring D.A.	Simulating the effect of quarantine on the spread of the 1918-19 flu in central Canada	2003	Bulletin of Mathematical Biology	65	1	31	article; biological model; Canada; computer simulation; disease transmission; epidemic; history; human; infection control; influenza; time; Computer Simulation; Disease Outbreaks; History, 20th Century; Humans; Influenza, Human; Manitoba; Models, Biological; Quarantine; Time Factors	Prevention
Cohen L., Castro M.	The role of viral respiratory infections in the pathogenesis and exacerbation of asthma	2003	Seminars in Respiratory Infections	18	1	11	amantadine; antiviral agent; oseltamivir; palivizumab; respiratory syncytial virus antibody; ribavirin; rimantadine; zanamivir; adolescent; adult; aerosol; asthma; bronchiolitis; child; disease exacerbation; drug efficacy; epithelium cell; high risk patient; human; immune system; infant; inflammation; influenza; influenza vaccination; Influenza virus; major clinical study; nonhuman; Parainfluenza virus; pathogenesis; priority journal; Respiratory syncytial pneumovirus; respiratory tract infection; review; Rhinovirus; virus infection; Asthma; Humans; Respiratory Tract Infections; Virus Diseases	Pathogenesis
Nguyen-Van-Tam J.S., Hampson A.W.	The epidemiology and clinical impact of pandemic influenza	2003	Vaccine	21	16	61	influenza vaccine; clinical feature; emergency health service; epidemic; geography; health service; health survey; human; influenza; medical record; priority journal; probability; review; soldier; Southeast Asia; urbanization; virus transmission; Age Factors; Humans; Influenza, Human; World Health	Epidemiology; Preparedness
Stohr K.	The global agenda on influenza surveillance and control	2003	Vaccine	21	16	26	antivirus agent; influenza vaccine; control system; health care personnel; health care planning; health survey; human; influenza; Influenza virus; morbidity; mortality; nonhuman; priority journal; prophylaxis; reduction; review; world health organization; Humans; Influenza, Human; Population Surveillance; World Health; World Health Organization	Surveillance
Nichol K.L.	The efficacy, effectiveness and cost-effectiveness of inactivated influenza virus vaccines	2003	Vaccine	21	16	102	inactivated vaccine; influenza vaccine; clinical trial; cost control; cost effectiveness analysis; drug efficacy; health care cost; health economics; human; influenza; influenza vaccination; meta analysis; priority journal; review; risk factor; Adult; Aged; Cost-Benefit Analysis; Humans; Influenza Vaccines; Influenza, Human	Vaccination
Gerdil C.	The annual production cycle for influenza vaccine	2003	Vaccine	21	16	64	influenza vaccine; animal; antigenic variation; bird; drug efficacy; drug formulation; drug purification; drug safety; drug screening; drug surveillance program; epidemiological data; gene identification; human; immunogenicity; influenza; influenza vaccination; Influenza virus A; Influenza virus B; nonhuman; population; priority journal; public health; review; seasonal variation; sequence analysis; standardization; swine; time; vaccine production; virogenesis; virus gene; virus inactivation; virus mutation; virus strain; world health organization; zygote; Animals; Chick Embryo; Humans; Influenza Vaccines; Orthomyxoviridae	Vaccination
Fleming D.M., Van Der Velden J., Paget W.J.	The evolution of influenza surveillance in Europe and prospects for the next 10 years	2003	Vaccine	21	16	9	influenza vaccine; biological monitoring; evolution; health practitioner; health program; health survey; human; influenza; influenza vaccination; Influenza virus; laboratory; priority journal; review; United Kingdom; Western Europe; world health organization; Europe; Humans; Influenza, Human; Population Surveillance	Surveillance
Wood J.M., Levandowski R.A.	The influenza vaccine licensing process	2003	Vaccine	21	16	8	influenza vaccine; drug approval; drug quality; drug safety; epidemic; European Union; food and drug administration; immunogenicity; Influenza virus; licensing; organization; priority journal; registration; review; time; United States; vaccine production; virus strain; Drug Approval; European Union; Influenza Vaccines; United States	Vaccination
Monto A.S.	The role of antivirals in the control of influenza	2003	Vaccine	21	16	55	acetylsalicylic acid; amantadine; antiviral agent; oseltamivir; protein inhibitor; protein m2 inhibitor; rimantadine; sialidase inhibitor; unclassified drug; zanamivir; clinical trial; disease duration; drug activity; drug approval; drug classification; drug efficacy; drug safety; drug tolerability; drug withdrawal; epidemic; fever; human; infection control; influenza; Influenza virus A; Influenza virus B; nausea; neurologic disease; otitis media; priority journal; prophylaxis; review; seasonal variation; side effect; virus replication; vomiting; Antiviral Agents; Enzyme Inhibitors; Humans; Influenza, Human	Treatment; Prevention
Cox N.J., Tamblin S.E., Tam T.	Influenza pandemic planning	2003	Vaccine	21	16	28	antivirus agent; influenza vaccine; age; agriculture; biological warfare; biology; bird; cause of death; China; community; contingency table; disease predisposition; disease severity; ecology; economic aspect; epidemic; health care planning; health program; high risk population; human; influenza; influenza vaccination; Influenza virus; Influenza virus A; morbidity; mortality; population density; practice guideline; priority journal; review; senescence; sociology; virus strain; world health organization; Bioterrorism; Disaster Planning; Disease Outbreaks; Humans; Influenza, Human; World Health Organization	Preparedness
Fouchier R.A.M., Osterhaus A.D.M.E., Brown I.H.	Animal influenza virus surveillance	2003	Vaccine	21	16	16	control system; domestic animal; ecology; evolution; health care management; health survey; human; influenza; Influenza virus; medical information; nonhuman; priority journal; prophylaxis; recognition; review; virus transmission; Animals, Domestic; Animals, Wild; Disease Vectors; Humans; Influenza, Human; Orthomyxoviridae; Zoonoses	Surveillance

Authors	Title	Year	Source	Volume	Issue	Cited	Keywords	Categories
Krug R.M., Yuan W., Noah D.L., Latham A.G.	Intracellular warfare between human influenza viruses and human cells: The roles of the viral NS1 protein	2003	Virology	309	2	106	alpha interferon; beta interferon; double stranded RNA; genomic RNA; interferon regulatory factor 3; interferon regulatory factor 7; messenger RNA; Myxovirus resistance protein; protein; protein kinase; protein kinase R; protein NS1; protein NS1A; protein ns1b; RNA; RNA binding protein; unclassified drug; virus protein; virus RNA; amino acid sequence; antiviral activity; binding site; carboxy terminal sequence; chicken; complex formation; cytokine production; data base; DNA responsive element; epidemic; genetic transcription; Hong Kong; human; Influenza virus; Influenza virus A; Influenza virus B; lung alveolus cell; lung alveolus epithelium; microbiological examination; molecular weight; nonhuman; pathogenesis; priority journal; protein analysis; protein binding; protein domain; protein expression; protein function; protein interaction; protein structure; RNA processing; RNA synthesis; RNA transcription; short survey; virus cell interaction; virus examination; virus infection; virus isolation; virus mutant; virus recombinant; virus replication; virus transmission; Cell Line; Humans; Influenza A virus; Influenza B virus; Viral Nonstructural Proteins; Gallus gallus; Influenza virus; Influenzavirus A; Influenzavirus B; RNA viruses	Virology; Pathogenesis
Anderson T.A., Hart G.K., Kainer M.A., Higlett T.	Pandemic Influenza-Implications for Critical Care Resources in Australia and New Zealand	2003	Journal of Critical Care	18	3	8	article; artificial ventilation; Australia; epidemic; health service; hospital admission; hospital bed; hospitalization; human; infection rate; influenza; intensive care; length of stay; major clinical study; New Zealand; pneumonia; positive end expiratory pressure; resource allocation; Australia; Bed Occupancy; Critical Care; Cross-Sectional Studies; Disease Outbreaks; Health Resources; Health Services Needs and Demand; Hospital Bed Capacity; Humans; Influenza, Human; Intensive Care Units; New Zealand; Questionnaires; Respiration, Artificial	Preparedness
Longini Jr. I.M., Halloran M.E., Nizam A., Wolff M., Mendelman P.M., Fast P.E., Belshe R.B.	Estimation of the efficacy of live, attenuated influenza vaccine from a two-year, multi-center vaccine trial: Implications for influenza epidemic control	2000	Vaccine	18	18	56	influenza vaccine; article; child; clinical trial; controlled clinical trial; controlled study; double blind procedure; drug efficacy; epidemic; human; influenza; multicenter study; phase 3 clinical trial; priority journal; Child, Preschool; Double-Blind Method; Humans; Infant; Influenza A virus; Influenza B virus; Influenza Vaccines; Influenza, Human; Placebo Effect; Treatment Outcome; Vaccines, Attenuated	Vaccination; Preparedness
Makela M.J., Pauksens K., Rostila T., Fleming D.M., Man C.Y., Keene O.N., Webster A.	Clinical efficacy and safety of the orally inhaled neuraminidase inhibitor zanamivir in the treatment of influenza: A randomized, double-blind, placebo-controlled European study	2000	Journal of Infection	40	1	118	sialidase inhibitor; zanamivir; adolescent; adult; aged; article; bronchitis; child; clinical trial; controlled clinical trial; controlled study; diarrhea; disease duration; disease severity; double blind procedure; drug efficacy; drug safety; drug tolerability; Europe; high risk patient; human; influenza; major clinical study; multicenter study; nausea; pharyngitis; pneumonia; randomized controlled trial; school child; sinusitis; vomiting; Adolescent; Adult; Aged; Aged, 80 and over; Antiviral Agents; Child; Double-Blind Method; Enzyme Inhibitors; Guanidines; Humans; Influenza A virus; Influenza B virus; influenza, Human; Middle Aged; Neuraminidase; Pyrans; Sialic Acids; Treatment Outcome; Zanamivir	Treatment
Nicholson K.G., Wood J.M., Zambon M.	Influenza	2003	Lancet	362	9397	218	amantadine; inactivated vaccine; influenza vaccine; sialidase; sialidase inhibitor; conference paper; controlled study; disease severity; drug efficacy; drug safety; human; influenza; influenza vaccination; Influenza virus; medical decision making; medical research; molecular recognition; pathogenesis; priority journal; respiratory tract disease; respiratory tract infection; severe acute respiratory syndrome; Antiviral Agents; Humans; Influenza A virus; Influenza B virus; Influenza Vaccines; Influenza, Human	Surveillance; Epidemiology; Treatment; Vaccination; Virology
Oxford J.S., Lambkin R., Sefton A., Daniels R., Elliot A., Brown R., Gill D.	A hypothesis: The conjunction of soldiers, gas, pigs, ducks, geese and horses in Northern France during the Great War provided the conditions for the emergence of the "Spanish" influenza pandemic of 1918-1919	2005	Vaccine	23	7	17	virus RNA; duck; France; gas; genetic analysis; geography; goose; horse; human; influenza; mutagenesis; nonhuman; Northern blotting; priority journal; review; soldier; swine; Animals; Communicable Diseases, Emerging; Disease Outbreaks; Ducks; France; Geese; History, 20th Century; Horses; Humans; Influenza A virus; Influenza, Human; Military Personnel; Swine; World War I	Epidemiology
Webby R.J., Perez D.R., Coleman J.S., Guan Y., Knight J.H., Govorkova E.A., McClain-Moss L.R., Peiris J.S., Rehg J.E., Tuomanen E.I., Webster R.G.	Responsiveness to a pandemic alert: Use of reverse genetics for rapid development of influenza vaccines	2004	Lancet	363	9415	109	amino acid; hemagglutinin; influenza vaccine; animal cell; animal experiment; animal model; animal tissue; article; chicken; controlled study; egg; embryo; ferret; genetic procedures; good manufacturing practice; in vitro study; in vivo study; male; nonhuman; priority journal; Vero cell; virus culture; virus isolation; virus virulence; world health organization; Animals; Antibodies, Viral; Asia; Birds; Communicable Disease Control; Disease Outbreaks; Drug Design; Genetic Engineering; Hong Kong; Humans; Influenza A virus; Influenza in Birds; Influenza Vaccines; Orthomyxoviridae; Orthomyxoviridae Infections; Plasmids; Poultry Diseases; Reassortant Viruses; Transformation, Genetic; Virulence Factors	Preparedness; Vaccination
Rothberg M.B., Rose D.N.	Vaccination versus treatment of influenza in working adults: A cost-effectiveness analysis	2005	American Journal of Medicine	118	1	23	amantadine; antibiotic agent; antiviral agent; influenza vaccine; oseltamivir; adult; article; controlled study; cost effectiveness analysis; drug cost; drug efficacy; drug surveillance program; female; flu like syndrome; Guillain Barre syndrome; health care cost; highly active antiretroviral therapy; human; infection prevention; infection risk; influenza; influenza vaccination; Monte Carlo method; priority journal; side effect; worker; Adult; Antiviral Agents; Cost-Benefit Analysis; Decision Support Techniques; Drug Costs; Female; Humans; Influenza Vaccines; Influenza, Human; Male; Markov Chains; Middle Aged; Monte Carlo Method; Office Visits; Quality-Adjusted Life Years; United States	Vaccination; Treatment
Boni M.F., Gog J.R., Andreassen V., Christiansen F.B.	Influenza drift and epidemic size: The race between generating and escaping immunity	2004	Theoretical Population Biology	65	2	25	Influenza; antigenic variation; article; biological model; epidemic; genetic drift; genetics; human; immunology; influenza; Influenza virus A; pathogenicity; population dynamics; season; Antigenic Variation; Disease Outbreaks; Genetic Drift; Humans; Influenza A virus; Influenza, Human; Models, Biological; Population Dynamics; Seasons	Epidemiology; Immunity
Gavin P.J., Thomson Jr. R.B.	Review of rapid diagnostic tests for influenza	2004	Clinical and Applied Immunology Reviews	4	3	9	adamantane derivative; amantadine; antibiotic agent; antiviral agent; influenza vaccine; oseltamivir; rimantadine; sialidase inhibitor; virus antigen; zanamivir; antigen detection; clinical feature; coughing; diagnostic accuracy; diagnostic test; diagnostic value; drug efficacy; drug targeting; drug tolerability; epidemiological data; fever; fluorescent antibody technique; gastrointestinal toxicity; human; influenza; influenza vaccination; Influenza virus; intermethod comparison; laboratory diagnosis; morbidity; mortality; neurotoxicity; nonhuman; prediction; priority journal; reverse transcription polymerase chain reaction; review; seasonal variation; sensitivity and specificity; serodiagnosis; sputum analysis; throat culture; virus culture; virus inhibition; virus pathogenesis; virus resistance; virus typing	Diagnosis
Zambon M.	The inexact science of influenza prediction	2004	Lancet	363	9409	5	alpha galactosidase; sialidase; virus hemagglutinin; virus receptor; virus RNA; amino acid sequence; conjunctivitis; epidemic; fowl; gene sequence; genetic recombination; genotype; human; immune system; Influenza virus A; mortality; nonhuman; note; pathogenesis; pathogenicity; prediction; priority journal; protein motif; respiratory tract disease; virus cell interaction; virus genome; virus load; virus mutation; virus replication; virus transmission; zoonosis; Animals; Disease Outbreaks; Humans; Influenza A virus; Influenza, Human; Population Surveillance; Poultry Diseases; Probability; Virus Replication; Zoonoses	Surveillance; Epidemiology
Navarro-Mari J.M., Perez-Ruiz M., Cantudo-Munoz P., Petit-Gancedo C., Jimenez-Valera M., Rosa-Fraile M.	Influenza-like illness criteria were poorly related to laboratory-confirmed influenza in a sentinel surveillance study	2005	Journal of Clinical Epidemiology	58	3	11	adolescent; adult; aged; article; controlled study; correlation analysis; coughing; diagnostic accuracy; disease classification; female; fever; flu like syndrome; health survey; human; influenza; Influenza virus; information processing; intermethod comparison; laboratory diagnosis; major clinical study; male; medical society; multivariate analysis; outpatient; physician; prediction; priority journal; respiratory tract infection; rhinorrhea; risk assessment; virus detection; Acute Disease; Adolescent; Adult; Age Distribution; Aged; Aged, 80 and over; Child; Child, Preschool; Cough; Family Practice; Female; Fever; Humans; Infant; Influenza A virus; Influenza B virus; Influenza Vaccines; Influenza, Human; Logistic Models; Male; Middle Aged; Pharynx; Respiratory Tract Infections; Sentinel Surveillance; Spain	
Arita I., Nakane M., Kojima K., Yoshihara N., Nakano T., El-Gohary A.	Role of a sentinel surveillance system in the context of global surveillance of infectious diseases	2004	Lancet Infectious Diseases	4	3	7	acute respiratory tract disease; Africa; Asia; blood transfusion; cholera; dengue; disease course; disease severity; epidemiological data; geography; health survey; hepatitis B; hepatitis C; human; Human immunodeficiency virus; infection; influenza; measles; organization; plague; poliomyelitis; priority journal; public health; review; South America; syphilis; Communicable Disease Control; Communicable Diseases; Disease Notification; Humans; International Cooperation; Population Surveillance; Sentinel Surveillance; World Health; World Health Organization	Surveillance
Fine A.M., Wong J.B., Fraser H.S.F., Fleisher G.R., Mandl K.D.	Is It Influenza or Anthrax? A Decision Analytic Approach to the Treatment of Patients with Influenza-like Illnesses	2004	Annals of Emergency Medicine	43	3	7	antibiotic agent; ciprofloxacin; adverse drug reaction; analytic method; anthrax; article; blood culture; calculation; decision making; diagnostic accuracy; differential diagnosis; emergency ward; fever; flu like syndrome; human; influenza; morbidity; priority journal; probability; risk benefit analysis; sensitivity analysis; short course therapy; Anthrax; Anti-Infective Agents; Antibiotic Prophylaxis; Ciprofloxacin; Decision Support Techniques; Diagnosis, Differential; Humans; Influenza, Human; Risk Assessment; Sensitivity and Specificity	Treatment
Jefferson T., Smith S., Demicheli V., Harnden A., Rivetti A., Di Pietrantonj C.	Assessment of the efficacy and effectiveness of influenza vaccines in healthy children: Systematic review	2005	Lancet	365	9461	84	inactivated vaccine; influenza vaccine; live vaccine; absenteeism; age distribution; bacterial transmission; clinical trial; drug efficacy; flu like syndrome; hospital admission; human; infection complication; influenza; influenza vaccination; lower respiratory tract infection; meta analysis; mortality; otitis media; priority journal; review; systematic review; treatment outcome; Adolescent; Child; Child, Preschool; Humans; Influenza Vaccines; Influenza, Human; Vaccines, Attenuated; Vaccines, Inactivated	Vaccination
Patel R., Longini Jr. I.M., Halloran M.E.	Finding optimal vaccination strategies for pandemic influenza using genetic algorithms	2005	Journal of Theoretical Biology	234	2	20	influenza vaccine; epidemiology; genetic algorithm; influenza; model; optimization; vaccination; article; death; endemic disease; genetic algorithm; Hong Kong; influenza vaccination; mathematical computing; priority journal; simulation; stochastic model; Adolescent; Adult; Age Distribution; Aged; Algorithms; Child; Child, Preschool; Disease Outbreaks; Health Care Rationing; Humans; Infant; Infant, Newborn; Influenza A virus; Influenza Vaccines; Influenza, Human; Mass Immunization; Middle Aged; Models, Biological; Stochastic Processes	Vaccination; Preparedness
Poland G.A., Tosh P., Jacobson R.M.	Requiring influenza vaccination for health care workers: Seven truths we must accept	2005	Vaccine	23	17-18	60	influenza vaccine; acquired immune deficiency syndrome; breast cancer; community; conference paper; cost control; disease severity; drug efficacy; drug safety; drug use; employer; family; frequency analysis; health care cost; health care personnel; health care policy; health economics; health education; hospital infection; human; Human immunodeficiency virus; infection prevention; influenza; influenza vaccination; informed consent; legal aspect; medical ethics; morbidity; mortality; nonhuman; patient care; patient compliance; preventive health service; priority journal; treatment refusal; virus transmission; work; Centers for Disease Control and Prevention (U.S.); Disease Transmission, Professional-to-Patient; Health Personnel; Humans; Influenza Vaccines; Influenza, Human; United States; Vaccination	Vaccination
Negri E., Colombo C., Giordano L., Groth N., Apolone G., La Vecchia C.	Influenza vaccine in healthy children: A meta-analysis	2005	Vaccine	23	22	32	hepatitis A vaccine; inactivated vaccine; influenza vaccine; live vaccine; age distribution; amnion fluid; article; clinical trial; confidence interval; drug efficacy; human; influenza; laboratory diagnosis; meta analysis; priority journal; serodiagnosis; virus culture; Adolescent; Child; Humans; Influenza Vaccines; Reference Values	Vaccination
Oxford J.S.	Preparing for the first influenza pandemic of the 21st century	2005	Lancet Infectious Diseases	5	3	8	antiviral agent; Asia; disaster; epidemic; human; influenza; mortality; priority journal; short survey; social aspect; United Kingdom; disaster planning; note; virology; Antiviral Agents; Disaster Planning; Disease Outbreaks; Humans; Influenza, Human	Preparedness
Mangili A., Gendreau M.A.	Transmission of infectious diseases during commercial air travel	2005	Lancet	365	9463	49	airborne infection; aircraft; airplane crew; aviation; biological warfare; common cold; disease transmission; food poisoning; health care personnel; human; infection; infection risk; influenza; priority journal; public health; review; severe acute respiratory syndrome; tuberculosis; zoonosis; aerospace medicine; air conditioning; communicable disease; food control; gastroenteritis; infection control; malaria; microbiology; respiratory tract infection; risk factor; travel; Aerospace Medicine; Air Conditioning; Air Microbiology; Aircraft; Bioterrorism; Communicable Diseases; Food Microbiology; Food Poisoning; Gastroenteritis; Humans; Infection Control; Malaria; Respiratory Tract Infections; Risk Factors; Travel	Epidemiology
Stone B., Burrows J., Schepetiuk S., Higgins G., Hampson A., Shaw R., Kok T.	Rapid detection and simultaneous subtype differentiation of influenza A viruses by real time PCR	2004	Journal of Virological Methods	117	2	22	virus RNA; accuracy; adolescent; adult; aged; article; child; controlled study; enzyme immunoassay; hemagglutination inhibition test; human; hybridization; infant; Influenza virus A; molecular probe; nonhuman; nucleotide sequence; prediction; priority journal; reverse transcription polymerase chain reaction; RNA analysis; temperature dependence; virus culture; virus detection; Base Sequence; Genes, Viral; Humans; Influenza A virus; Influenza, Human; Molecular Sequence Data; Nucleic Acid Hybridization; Phylogeny; Reverse Transcriptase Polymerase Chain Reaction; RNA, Viral; Sensitivity and Specificity; Sequence Alignment; Sequence Homology, Nucleic Acid; Transcription, Genetic; Viral Matrix Proteins; Viral Structural Proteins; Influenza A virus	Diagnosis

Authors	Title	Year	Source	Volume	Issue	Cited	Keywords	Categories
Cunha B.A.	Influenza: Historical aspects of epidemics and pandemics	2004	Infectious Disease Clinics of North America	18	1	15	anorexia; chill; clinical feature; coughing; epidemic; epidemic encephalitis; epidemiological data; fever; headache; human; incubation time; influenza; Influenza virus A; Influenza virus B; Influenza virus C; malaise; myalgia; Orthomyxovirus; review; rhinorrhea; virus pneumonia; virus virulence; Disease Outbreaks; Encephalitis; History, 15th Century; History, 16th Century; History, 17th Century; History, 18th Century; History, 19th Century; History, 20th Century; History, Medieval; Humans; Influenza, Human	Epidemiology
Cinti S.	Pandemic influenza: Are we ready?	2005	Disaster Management and Response	3	3	14	acetylsalicylic acid; adamantane derivative; amantadine; antibiotic agent; antiviral agent; influenza vaccine; new drug; oseltamivir; rimantadine; sialidase inhibitor; virus hemagglutinin; virus sialidase; zanamivir; article; avian influenza; disaster planning; drug choice; drug cost; emergency health service; epidemic; health care personnel; health education; high risk population; human; infection control; infection prevention; influenza; influenza vaccination; Influenza virus A; Influenza virus B; law enforcement; morbidity; mortality; nonhuman; patient care; public health service; Reye syndrome; SARS coronavirus; Southeast Asia; virus mutation; virus shedding; virus strain; virus transmission; Adolescent; Adult; Aged; Antigenic Variation; Antiviral Agents; Child; Child, Preschool; Communicable Diseases, Emerging; Disaster Planning; Disease Outbreaks; Disease Transmission, Horizontal; Female; History, 20th Century; Humans; Infant; Infant, Newborn; Infection Control; Influenza A virus; Influenza Vaccines; Influenza, Human; Male; Middle Aged; Population Surveillance; Pregnancy; World Health	Preparedness
Forbes K.J.	The Asian flu and Russian virus: The international transmission of crises in firm-level data	2004	Journal of International Economics	63	1	14	financial crisis; global economy; global perspective; industrial performance	Epidemiology
Laibl V.R., Sheffield J.S.	Influenza and pneumonia in pregnancy	2005	Clinics in Perinatology	32	3	7	adamantane; amantadine; amphotericin B; antiretroviral agent; antiviral agent; chickenpox vaccine; cotrimoxazole; influenza vaccine; ketoconazole; oseltamivir; pentamidine; rimantadine; sialidase inhibitor; zanamivir; asthma; bacterial pneumonia; bacterial strain; bronchospasm; concentration loss; confusion; enzyme linked immunosorbent assay; high risk population; human; influenza; influenza vaccination; insomnia; morbidity; mortality; nausea; Pneumocystis pneumonia; pneumonia; polymerase chain reaction; pregnant woman; priority journal; review; United States; virus infection; virus pneumonia; vomiting; Anti-Infective Agents; Female; Humans; incidence; Influenza, Human; Pneumonia; Pregnancy; Pregnancy Complications, Infectious; Survival Rate; United States	Vaccination; Treatment
Xu X., Lindstrom S.E., Shaw M.W., Smith C.B., Hall H.E., Mungall B.A., Subbarao K., Cox N.J., Klimov A.	Reassortment and evolution of current human influenza A and B viruses	2004	Virus Research	103	39845	25	hemagglutinin; influenza vaccine; sialidase; antigenicity; Asia; conference paper; controlled study; correlation analysis; epidemic; genetic reassortment; influenza; Influenza virus A; Influenza virus B; molecular evolution; nonhuman; priority journal; season; virus gene; virus isolation; virus strain; Evolution, Molecular; Hemagglutination Inhibition Tests; Hemagglutinin Glycoproteins, Influenza Virus; Humans; Influenza A virus; Influenza B virus; Influenza, Human; Neuraminidase; Phylogeny; Population Surveillance; Reassortant Viruses; Recombination, Genetic; World Health; Influenza B virus; Victoria	Virology
Hannoun C., Megas F., Piercy J.	Immunogenicity and protective efficacy of influenza vaccination	2004	Virus Research	103	1-2	23	influenza vaccine; virus antigen; age distribution; antibody titer; cancer; cause of death; cellular immunity; clinical trial; comorbidity; conference paper; congestive heart failure; cross reaction; cytotoxic T lymphocyte; diabetes mellitus; drug effect; drug efficacy; hemophilia; hospitalization; human; humoral immunity; immunogenicity; influenza; influenza vaccination; kidney disease; meta analysis; pneumonia; priority journal; respiratory tract disease; seroconversion; serology; virus virulence; Adolescent; Adult; Aged; Antibodies, Viral; Hemagglutination Inhibition Tests; Humans; Immunization; Influenza A virus; Influenza Vaccines; Influenza, Human; Middle Aged; Treatment Outcome	Vaccination
Gubareva L.V.	Molecular mechanisms of influenza virus resistance to neuraminidase inhibitors	2004	Virus Research	103	39845	64	4 acetamido 5 amino 3 (1 ethylpropoxy) 1 cyclohexene 1 carboxylic acid; a 315675; a 315677; amino acid; hemagglutinin; oligosaccharide; oseltamivir; peramivir; sialidase; sialidase inhibitor; zanamivir; amino acid substitution; animal cell; binding site; conference paper; dog; experimental model; human; immune system; influenza; Influenza virus; kidney cell; molecular dynamics; nonhuman; priority journal; virus mutation; virus resistance; Antiviral Agents; Cell Line; Drug Resistance, Viral; Enzyme Inhibitors; Humans; Immunocompromised Host; Influenza A virus; Influenza B virus; Influenza, Human; Mutation; Neuraminidase; Animalia; Influenza virus	Treatment; Virology
Webby R.J., Rossow K., Erickson G., Sims Y., Webster R.	Multiple lineages of antigenically and genetically diverse influenza A virus co-circulate in the United States swine population	2004	Virus Research	103	1-2	23	antigenicity; conference paper; controlled study; epidemic; genetic heterogeneity; genetic line; genetic reassortment; genetic variability; genotype; hemagglutination inhibition test; Influenza virus A; molecular phylogeny; nonhuman; priority journal; swine; United States; viral genetics; virus gene; virus identification; virus isolation; Animals; Antigenic Variation; Hemagglutination Inhibition Tests; Hemagglutinin Glycoproteins, Influenza Virus; Humans; Influenza A virus; Influenza, Human; Phylogeny; Recombination, Genetic; Sequence Analysis, DNA; Swine; Swine Diseases; United States; Variation (Genetics); Animalia; Influenza A virus; Sus scrofa	Epidemiology; Virology
Ferraris O., Kessler N., Lina B.	Sensitivity of influenza viruses to zanamivir and oseltamivir: A study performed on viruses circulating in France prior to the introduction of neuraminidase inhibitors in clinical practice	2005	Antiviral Research	68	1	20	oseltamivir; zanamivir; article; drug sensitivity; enzyme activity; fluorometry; France; IC 50; Influenza virus; Influenza virus A; Influenza virus B; nonhuman; priority journal; seasonal variation; virus isolation; virus strain; Acetamides; Enzyme Inhibitors; France; Guanidines; Humans; Influenza A virus; Influenza A Virus, H1N1 Subtype; Influenza A Virus, H3N2 Subtype; Influenza B virus; Influenza, Human; Neuraminidase; Oseltamivir; Pyrans; Sialic Acids; Zanamivir; Influenza virus	Treatment
Jefferson T., Rivetti D., Rivetti A., Rudin M., Di Pietrantonj C., Demicheli V.	Efficacy and effectiveness of influenza vaccines in elderly people: A systematic review	2005	Lancet	366	9492	148	influenza vaccine; aged; aging; cause of death; clinical trial; cohort analysis; community care; data base; drug efficacy; flu like syndrome; home for the aged; hospital admission; human; influenza; influenza vaccination; long term care; mortality; pneumonia; priority journal; reliability; review; risk assessment; treatment outcome; Aged; Drug Resistance, Viral; Humans; Influenza Vaccines; Influenza, Human; Treatment Outcome	Vaccination
Guan Y., Chen H.	Resistance to anti-influenza agents	2005	Lancet	366	9492	7	amantadine; antiviral agent; hemagglutinin; influenza vaccine; oseltamivir; rimantadine; sialidase inhibitor; zanamivir; drug efficacy; drug formulation; epidemic; gene mutation; genotype; high risk population; human; immune system; infection control; influenza; influenza vaccination; Influenza virus; note; prevalence; priority journal; severe acute respiratory syndrome; Adamantane; Antiviral Agents; Drug Resistance, Viral; Humans; Influenza A virus; Influenza Vaccines; Influenza, Human	Treatment
Alvarado De La Barrera C., Reyes-Teran G.	Influenza: Forecast for a pandemic	2005	Archives of Medical Research	36	6	18	amantadine; antiviral agent; influenza vaccine; oseltamivir; rimantadine; triple vaccine; zanamivir; bird disease; clinical feature; clinical trial; disease transmission; fatality; genotype; human; influenza; Influenza virus; pathogenesis; pathogenicity; review; side effect; species identification; virus replication; virus strain; Communicable Disease Control; Communicable Diseases, Emerging; Disease Outbreaks; Disease Reservoirs; Forecasting; History, 20th Century; History, 21st Century; Humans; Influenza A Virus, H5N1 Subtype; Influenza, Human; Zoonoses	Epidemiology
van der Wouden J.C., Bueving H.J., Poole P.	Preventing influenza: An overview of systematic reviews	2005	Respiratory Medicine	99	11	8	amantadine; ascorbic acid; influenza vaccine; live vaccine; oseltamivir; placebo; rimantadine; sialidase inhibitor; zanamivir; asthma; bronchospasm; central nervous system disease; chronic obstructive lung disease; clinical trial; Cochrane Library; common cold; cystic fibrosis; disease course; disease exacerbation; disease severity; drug efficacy; drug safety; drug tolerability; gastrointestinal symptom; homeopathy; human; immunization; infection prevention; influenza; influenza vaccination; meta analysis; morbidity; mortality; nausea; nose irritation; priority journal; public health; randomization; review; systematic review; Adult; Antiviral Agents; Child; Enzyme Inhibitors; Female; Homeopathy; Humans; Influenza Vaccines; Influenza, Human; Lung Diseases, Obstructive; Male; Neuraminidase; Pregnancy; Randomized Controlled Trials	Prevention
Eccles R.	Understanding the symptoms of the common cold and influenza	2005	Lancet Infectious Diseases	5	11	21	cytokine; interleukin 1; interleukin 1 receptor blocking agent; interleukin 10; interleukin 6; tumor necrosis factor alpha; anorexia; chill; common cold; coughing; cytokine release; fever; headache; human; influenza; malaise; molecular biology; mood; myalgia; nonhuman; nose congestion; priority journal; review; rhinorrhea; sneezing; sore throat; symptomatology; virus; Anorexia; Chills; Common Cold; Cough; Fever; Headache; Humans; Influenza, Human; Pharyngitis; Sneezing	Pathogenesis
Russell C.J., Webster R.G.	The genesis of a pandemic influenza virus	2005	Cell	123	3	36	analytic method; avian influenza; cause of death; genome analysis; Influenza virus; molecular evolution; nonhuman; polymerase chain reaction; priority journal; review; viral genetics; Animals; Birds; Disease Outbreaks; Hemagglutinin Glycoproteins, Influenza Virus; Humans; Influenza A Virus, H5N1 Subtype; Influenza in Birds; Influenza, Human; Mice; Mutation; Reassortant Viruses; RNA Replicase; Viral Proteins; Virulence; Aves; Avian influenza virus; Influenza virus	Epidemiology; Virology
Oxford J.S., Manuguerra C., Kistner O., Linde A., Kunze M., Lange W., Schweiger B., Spala G., De Andrade H.R., Perez Brena P.R., Beytout J., Brydak L., De Stefano D.C., Hungnes O., Kyncl J., Montomoli E., De Miguel A.G., Vranckx R., Osterhaus A.	A new European perspective of influenza pandemic planning with a particular focus on the role of mammalian cell culture vaccines	2005	Vaccine	23	46-47	9	amantadine; antibiotic agent; antiviral agent; influenza vaccine; oseltamivir; sialidase inhibitor; age distribution; article; Asia; biological warfare; cell culture; cell growth; cell strain; chicken; disease transmission; duck; egg; epidemic; Europe; human; infection prevention; influenza; Influenza virus A; interview; mammal cell; nonhuman; physician; prediction; priority journal; psychometry; public health; science; swine; technology; treatment planning; vaccine production; Vero cell; virus isolation; wild type; Animals; Anti-Bacterial Agents; Antiviral Agents; Cell Culture Techniques; Data Collection; Disaster Planning; Disease Outbreaks; Drug Utilization; Europe; European Union; Health Policy; Humans; Influenza Vaccines; Influenza, Human; Mammals; Orthomyxoviridae	Preparedness; Vaccination
Daems R., Del Giudice G., Rappuoli R.	Anticipating crisis: Towards a pandemic flu vaccination strategy through alignment of public health and industrial policy	2005	Vaccine	23	50	7	immunological adjuvant; influenza vaccine; n acetylmuramylalanyl dextro isoglutaminyalanyl dipalmitoylphosphatidylethanolamine; avian influenza; biological monitoring; drug cost; drug formulation; drug industry; drug manufacture; drug research; epidemic; health care cost; health care policy; health program; human; infection prevention; infection rate; influenza; influenza vaccination; medical expert; occupational hazard; preventive health service; priority journal; review; risk assessment; seasonal variation; vaccine production; virus strain; virus virulence; world health organization; Disease Outbreaks; Health Plan Implementation; Health Planning; Humans; Influenza Vaccines; Influenza, Human; Models, Biological; Orthomyxoviridae; Public Health; Vaccination; World Health	Preparedness; Vaccination
Subbarao K., Murphy B.R., Fauci A.S.	Development of effective vaccines against pandemic influenza	2006	Immunity	24	1	31	inactivated vaccine; influenza vaccine; live vaccine; virus antibody; virus protein; cellular immunity; epidemic; human; humoral immunity; immune response; immunity; influenza; Influenza virus; medical technology; nonhuman; priority journal; review; vaccine production; virus replication; virus resistance; virus strain; Disease Outbreaks; Humans; Immunologic Memory; Influenza Vaccines; Influenza, Human	Vaccination
Jefferson T., Demicheli V., Rivetti D., Jones M., Di Pietrantonj C., Rivetti A.	Antivirals for influenza in healthy adults: Systematic review	2006	Lancet	367	9507	92	amantadine; antiviral agent; oseltamivir; rimantadine; zanamivir; article; clinical trial; data base; drug efficacy; drug exposure; drug safety; hallucination; human; Influenza virus A; insomnia; meta analysis; nausea; priority journal; systematic review; Adolescent; Adult; Antiviral Agents; Humans; Influenza, Human; Middle Aged; Neuraminidase; Orthomyxoviridae Infections; Randomized Controlled Trials	Treatment
Goodwin K., Viboud C., Simonsen L.	Antibody response to influenza vaccination in the elderly: A quantitative review	2006	Vaccine	24	8	65	inactivated vaccine; influenza vaccine; active immunization; adolescent; adult; aged; antibody response; circulation; controlled study; drug efficacy; drug formulation; human; immunogenicity; infection prevention; infection risk; influenza; influenza vaccination; major clinical study; multivariate logistic regression analysis; priority journal; probability; quantitative analysis; review; seroconversion; Adolescent; Adult; Aged; Aged, 80 and over; Aging; Antibodies, Viral; Humans; Influenza Vaccines; Middle Aged; Multivariate Analysis; Odds Ratio; Regression Analysis; Vaccination	Vaccination; Immunity
Palese P., Tumpey T.M., Garcia-Sastre A.	What can we learn from reconstructing the extinct 1918 pandemic influenza virus?	2006	Immunity	24	2	9	virus vaccine; cytokine release; fatality; genetic transfection; genome; herd immunity; human; immune system; immunological memory; influenza; Influenza virus; memory T lymphocyte; nonhuman; note; pathophysiology; plant growth; population research; priority journal; virus culture; virus infection; virus isolation; Age Factors; Disease Outbreaks; History, 20th Century; Humans; Influenza A Virus, H1N1 Subtype; Influenza Vaccines; Influenza, Human; Orthomyxoviridae	Epidemiology; Virology;

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Fauci A.S.	Emerging and re-emerging infectious diseases: Influenza as a prototype of the host-pathogen balancing act	2006	Cell	124	4	17	antibiotic agent; antiviral agent; influenza vaccine; live vaccine; oseltamivir; zanamivir; drug effect; environmental factor; host; human; infection prevention; influenza; Influenza virus; microorganism; nonhuman; pathogenesis; priority journal; review; social aspect; virus strain; virus transmission; virus virulence; Animals; Birds; Communicable Diseases, Emerging; Disease Outbreaks; Disease Reservoirs; Disease Vectors; Host-Parasite Relations; Humans; Influenza A Virus, H5N1 Subtype; Influenza in Birds; Influenza, Human; Poultry; Zoonoses; Avian influenza virus; Orthomyxoviridae	Epidemiology; Pathogenesis
Brundage J.F.	Interactions between influenza and bacterial respiratory pathogens: implications for pandemic preparedness	2006	Lancet Infectious Diseases	6	5	26	adult respiratory distress syndrome; antibody titer; army; autopsy; bacterial infection; bacterium culture; bronchitis; cause of death; disease predisposition; emphysema; epidemic; Haemophilus influenzae; high risk population; human; infection risk; influenza; lung abscess; meningitis; meningococcosis; Neisseria meningitidis; pathophysiology; pneumonia; priority journal; public health; respiratory tract infection; review; sepsis; septic shock; Staphylococcus aureus; Streptococcus pneumoniae; Streptococcus pyogenes; virus pneumonia; Bacterial Infections; Disease Outbreaks; Health Planning; Humans; Influenza, Human; Respiratory Tract Infections	Pathogenesis; Preparedness
Mounier-Jack S., Coker R.J.	How prepared is Europe for pandemic influenza? Analysis of national plans	2006	Lancet	367	9520	60	article; coordination; government; health care; health care planning; health service; health survey; human; influenza; interpersonal communication; priority journal; public health; time series analysis; world health organization; Animals; Disaster Planning; Disease Outbreaks; Europe; Humans; Influenza, Human; National Health Programs; Population Surveillance; Publishing	Preparedness
Tatem A.J., Rogers D.J., Hay S.I.	Global Transport Networks and Infectious Disease Spread	2006	Advances in Parasitology	62		10	chloroquine; acquired immune deficiency syndrome; Aedes; Aedes aegypti; Aedes albopictus; Anopheles gambiae; anthrax; antibiotic resistance; bacterial survival; biological warfare; cholera; climate; dengue; disease carrier; disease transmission; epidemic; flea; human; Human immunodeficiency virus infection; incidence; infection; infection control; infection risk; influenza; Influenza virus; malaria; mathematical model; multidrug resistance; plague; priority journal; public health; review; risk assessment; severe acute respiratory syndrome; smallpox; traffic and transport; travel; Vibrio cholerae; West Nile flavivirus; yellow fever; Yersinia pestis; Aedes aegypti; Aedes albopictus; Anopheles gambiae; Bacteria (microorganisms); Human immunodeficiency virus; Orthomyxoviridae; Plasmodium falciparum; Siphonaptera (fleas); Variola virus; Vibrio cholerae; West Nile virus; Yersinia pestis	Epidemiology
Serruto D., Rappuoli R.	Post-genomic vaccine development	2006	FEBS Letters	580	12	25	bacterial vaccine; BCG vaccine; cholera vaccine; diphtheria toxoid; Haemophilus influenzae vaccine; hepatitis B vaccine; Human immunodeficiency virus vaccine; inactivated vaccine; influenza vaccine; live vaccine; measles mumps rubella vaccine; Meningococcus vaccine; oral poliomyelitis vaccine; pertussis toxin; Pneumococcus vaccine; poliomyelitis vaccine; rabies vaccine; Streptococcus vaccine; tetanus toxoid; bacterial membrane; Chlamydia pneumoniae; DNA microarray; drug design; gene expression; genome; human; immune response; meningitis; Neisseria meningitidis; nonhuman; Plasmodium falciparum; Porphyromonas gingivalis; priority journal; proteomics; sepsis; short survey; Staphylococcus aureus; Streptococcus agalactiae; Streptococcus pneumoniae; Streptococcus pyogenes; structural genomics; vaccine production; Genome; Oligonucleotide Array Sequence Analysis; Proteomics; Vaccines	Vaccination
Chowell G., Ammon C.E., Hengartner N.W., Hyman J.M.	Transmission dynamics of the great influenza pandemic of 1918 in Geneva, Switzerland: Assessing the effects of hypothetical interventions	2006	Journal of Theoretical Biology	241	2	34	diagnosis; disease control; epidemiology; health care; influenza; statistical data; theoretical study; virus; article; Asia; awareness; confidence interval; disease severity; disease transmission; epidemic; fatality; hospital; human; influenza; Influenza virus; nonhuman; priority journal; public health service; publication; social isolation; statistics; Switzerland; virus transmission; Disease Notification; Disease Outbreaks; History, 20th Century; Humans; Influenza, Human; Models, Biological; Switzerland; Central Europe; Eurasia; Europe; Geneva [Switzerland]; Switzerland; Aves; Orthomyxoviridae	Epidemiology; Preparedness; Prevention
Kitikoon P., Nilubol D., Erickson B.J., Janke B.H., Hoover T.C., Sornsen S.A., Thacker E.L.	The immune response and maternal antibody interference to a heterologous H1N1 swine influenza virus infection following vaccination	2006	Veterinary Immunology and Immunopathology	112	3-4	8	influenza vaccine; animal cell; animal experiment; animal model; animal tissue; antibody response; article; clinical feature; controlled study; drug efficacy; fever; hemagglutination; immune response; influenza; memory T lymphocyte; nonhuman; pneumonia; rectum temperature; respiratory system; swine; Swine influenza virus; vaccination; virus excretion; Animals; Antibodies, Viral; Body Temperature; Cell Proliferation; Enzyme-Linked Immunosorbent Assay; Female; Flow Cytometry; Hemagglutination Inhibition Tests; Immunity, Maternally-Acquired; Immunization; Influenza A Virus, H1N1 Subtype; Lung; Nasal Cavity; Orthomyxoviridae Infections; Statistics, Nonparametric; Swine; Swine Diseases; T-Lymphocytes; Viral Vaccines; Simian immunodeficiency virus; Swine influenza virus	Vaccination
Hayden F.G.	Antivirals for influenza: Historical perspectives and lessons learned	2006	Antiviral Research	71	2-3 SPEC. ISS.	23	amantadine; antiviral agent; oseltamivir; rimantadine; sialidase inhibitor; zanamivir; antiviral activity; central nervous system disease; chemoprophylaxis; clinical trial; cytokine production; drug activity; drug design; drug efficacy; human; infection sensitivity; influenza; Influenza virus A; middle ear disease; nonhuman; priority journal; short survey; virus load; virus replication; virus titration; Adult; Antiviral Agents; Child; Child, Preschool; Drug Resistance, Viral; Humans; Influenza A Virus; Influenza A Virus, H3N2 Subtype; Influenza A Virus, H5N1 Subtype; Influenza, Human; Neuraminidase; Viral Matrix Proteins	Treatment
Burls A., Jordan R., Barton P., Olowokure B., Wake B., Albon E., Hawker J.	Vaccinating healthcare workers against influenza to protect the vulnerable-Is it a good use of healthcare resources? A systematic review of the evidence and an economic evaluation	2006	Vaccine	24	19	39	influenza vaccine; article; clinical trial; cost control; data extraction; drug efficacy; economic aspect; economic evaluation; erythema; Europe; health care cost; health care personnel; health care policy; health program; high risk patient; human; influenza; Influenza virus; nonhuman; priority journal; public health service; publication; injection site edema; injection site pain; mortality; priority journal; quality control; systematic review; United Kingdom; cost benefit analysis; disease transmission; economics; health care planning; review; utilization review; vaccination; Cost-Benefit Analysis; Europe; Great Britain; Health Personnel; Health Resources; Humans; Influenza Vaccines; Influenza, Human; Vaccination	Vaccination
Coker R., Mounier-Jack S.	Pandemic influenza preparedness in the Asia-Pacific region	2006	Lancet	368	9538	21	antiviral agent; influenza vaccine; article; Asia; emporiatrics; epidemic; health care planning; health care system; human; influenza; police; priority journal; public health; public health service; resource allocation; Asia, Southeastern; Disaster Planning; Disease Outbreaks; Humans; Influenza A Virus, H5N1 Subtype; Influenza, Human; Pacific Islands	Preparedness
Kieny M.P., Costa A., Hombach J., Carrasco P., Pervikov Y., Salisbury D., Greco M., Gust I., LaForce M., Franco-Paredes C., Santos J.I., D'Hondt E., Rimmelzwaan G., Karron R., Fukuda K.	A global pandemic influenza vaccine action plan	2006	Vaccine	24	40-41	14	influenza vaccine; avian influenza; conference paper; developing country; drug manufacture; epidemic; industrialization; influenza; influenza vaccination; Influenza virus A; priority journal; world health organization; Animals; Disaster Planning; Humans; Influenza Vaccines; Influenza, Human; Seasons; World Health Organization	Vaccination; Preparedness
Levy-Bruhl D.	Role of antiviral drugs in containing pandemic influenza. Contribution of a recent modelling exercise Synthesis prepared by the InVS/Inserm "Epidemiology" group - November 2005 [Place des antiviraux dans la lutte contre une pandémie grippale. Apport des travaux récents de modélisation. Synthèse présentée par le groupe de l'Imiologie à l'Institut de veille sanitaire - Daniel Lévy-Bruhl]	2006	Medecine et Maladies Infectieuses	36	9	2	antiviral agent; oseltamivir; control strategy; drug efficacy; health survey; human; influenza; Influenza virus; large scale production; mathematical model; morbidity; mortality; prophylaxis; publication; short survey; threat; viral contamination; virus transmission; article; epidemic; synthesis; theoretical model; Antiviral Agents; Disease Outbreaks; Humans; Influenza, Human; Models, Theoretical	Treatment
Estacio P.L.	Surge Capacity for Health Care Systems: Early Detection, Methodologies, and Process	2006	Academic Emergency Medicine	13	11		article; disaster; emergency care; emergency ward; health care system; health practitioner; health program; hospital administrator; hospital service; human; infection; medical service; methodology; priority journal; radiology; social aspect; terrorism; war; Delivery of Health Care; Disaster Planning; Emergency Medicine; Emergency Service, Hospital; Equipment and Supplies, Hospital; Humans; Voluntary Workers	Epidemiology; Preparedness
Barbisch D.F., Koenig K.L.	Understanding Surge Capacity: Essential Elements	2006	Academic Emergency Medicine	13	11	8	article; biological warfare; community care; disaster; disaster planning; emergency care; emergency medicine; health care access; health care system; hospital admission; influenza; patient care; priority journal; public health; Bioterrorism; Community Health Services; Disaster Planning; Emergency Medical Services; Emergency Medicine; Health Services Needs and Demand; Humans; Logistic Models; Public Health; United States	Preparedness
Schull M.J., Stukel T.A., Vermeulen M.J., Guttman A., Zwarenstein M.	Surge Capacity Associated with Restrictions on Nonurgent Hospital Utilization and Expected Admissions during an Influenza Pandemic: Lessons from the Toronto Severe Acute Respiratory Syndrome Outbreak	2006	Academic Emergency Medicine	13	11	8	article; comparative study; controlled study; crowding; disease model; disease severity; epidemic; hospital admission; hospitalization; human; influenza; prediction; priority journal; severe acute respiratory syndrome; United States; Bed Occupancy; Disease Outbreaks; Hospitalization; Humans; Influenza, Human; Ontario; Severe Acute Respiratory Syndrome; Severity of Illness Index; Urban Population	Preparedness
Murray C.J., Lopez A.D., Chin B., Feehan D., Hill K.H.	Estimation of potential global pandemic influenza mortality on the basis of vital registry data from the 1918-20 pandemic: a quantitative analysis	2006	Lancet	368	9554	53	Africa; article; Asia; avian influenza; developing country; Europe; funding; groups by age; human; India; influenza; Influenza virus; Middle East; mortality; pandemic; priority journal; quantitative analysis; register; seasonal variation; South and Central America; statistical analysis; United States; virus mutation; Age Distribution; Disease Outbreaks; Female; History, 20th Century; Humans; Influenza, Human; Male; Registries; Regression Analysis	Epidemiology; Preparedness
Wang C.-S., Wang S.-T., Lai C.-T., Lin L.-J., Chou P.	Impact of influenza vaccination on major cause-specific mortality	2007	Vaccine	25	7	11	influenza vaccine; aged; article; cancer mortality; cardiovascular disease; cause of death; chronic liver disease; chronic obstructive lung disease; diabetes mellitus; female; geriatric patient; high risk population; human; influenza; influenza vaccination; kidney disease; major clinical study; male; mortality; pneumonia; priority journal; proportional hazards model; stroke; survival rate; Taiwan; vaccination; Aged; Analysis of Variance; Female; Humans; Influenza Vaccines; Influenza, Human; Male; Proportional Hazards Models; Risk Factors; Taiwan; Treatment Outcome; Vaccination	Vaccination
Flahault A., Vergu E., Coudeville L., Grais R.F.	Strategies for containing a global influenza pandemic	2006	Vaccine	24	44-46	15	antiviral agent; antibiotic prophylaxis; article; aviation; disease activity; health survey; immunity; infection control; infection prevention; infection rate; infection risk; influenza; Influenza virus; mathematical model; priority journal; risk reduction; virus transmission; Antiviral Agents; Communicable Disease Control; Computer Simulation; Disease Outbreaks; Humans; Influenza, Human; Models, Theoretical; Travel	Preparedness
Oxford J.S., Lambkin R., Elliot A., Daniels R., Sefton A., Gill D.	Scientific lessons from the first influenza pandemic of the 20th century	2006	Vaccine	24	44-46	8	nucleotide; article; demography; disease surveillance; epidemic; genetic analysis; geographic distribution; history of medicine; human; influenza; mortality; nucleotide sequence; priority journal; virus detection; virus gene; virus identification; virus infectivity; virus strain; virus virulence; Disease Outbreaks; History, 20th Century; Humans; Influenza, Human	Epidemiology; Preparedness
Goldrick B.A., Goetz A.M.	Pandemic influenza: What infection control professionals should know	2007	American Journal of Infection Control	35	1	2	amantadine; inactivated virus vaccine; influenza vaccine; oseltamivir; rimantadine; zanamivir; avian influenza; clinical trial; drug efficacy; epidemic; health care facility; health care personnel; health survey; human; infection control; influenza; Influenza virus A; Influenza virus A H5N1; Influenza virus B; nonhuman; pandemic; prescription; prevention and control; review; symptom; United States; virus resistance; Animals; Disease Outbreaks; Humans; Infection Control; Influenza A Virus, H5N1 Subtype; Influenza in Birds; Influenza, Human; Poultry; Sentinel Surveillance; United States; Universal Precautions	Preparedness
Brankston G., Gitterman L., Hirji Z., Lemieux C., Gardam M.	Transmission of influenza A in human beings	2007	Lancet Infectious Diseases	7	4	38	Africa; airborne virus; Asia; Canada; Europe; experimental animal; health care personnel; health care planning; human; infection control; influenza; Influenza virus A; Influenza virus A H5N1; inoculation; pandemic; priority journal; public health service; review; virus isolation; virus survival; virus transmission; Animals; Cross Infection; Disease Models, Animal; Disease Outbreaks; Disease Transmission, Horizontal; Fomites; Humans; Influenza A Virus, H5N1 Subtype; Influenza, Human; Respiratory Protective Devices	Epidemiology
Yu H., Zhang G.-H., Hua R.-H., Zhang Q., Liu T.-Q., Liao M., Tong G.-Z.	Isolation and genetic analysis of human origin H1N1 and H3N2 influenza viruses from pigs in China	2007	Biochemical and Biophysical Research Communications	356	1	7	article; China; genetic analysis; genetic reassortment; Influenza virus A H1N1; Influenza virus A H3N2; intermediate host; nonhuman; nucleotide sequence; pandemic; phylogeny; priority journal; swine; virus isolation; virus strain; virus transmission; Animals; China; Humans; Influenza A Virus, H1N1 Subtype; Influenza A Virus, H3N2 Subtype; Influenza, Human; Orthomyxoviridae Infections; Phylogeny; Sequence Alignment; Swine; Swine Diseases; Aves; human influenza virus; Influenza A virus; Orthomyxoviridae; Suidae; Swine influenza virus	Virology; Epidemiology

Authors	Title	Year	Source	Volume	Issue	Cited	Keywords	Categories
Poland G.A., Jacobson R.M., Targonski P.V.	Avian and pandemic influenza: An overview	2007	Vaccine	25	16 SPEC. ISS.	24	adamantane; amantadine; influenza vaccine; oseltamivir; rimantadine; sialidase inhibitor; zanamivir; article; avian influenza; clinical trial; disease transmission; human; immune deficiency; Influenza virus; mortality; nonhuman; pandemic; population; priority journal; United States; virology; Animals; Birds; Disease Outbreaks; Humans; Influenza A Virus, H5N1 Subtype; Influenza in Birds; Influenza Vaccines; Influenza, Human	Epidemiology
Gray G.C., Trampel D.W., Roth J.A.	Pandemic influenza planning: Shouldn't swine and poultry workers be included?	2007	Vaccine	25	22	5	antivirus agent; influenza vaccine; article; bird; disease carrier; domestic animal; epizootiology; health survey; human; infection prevention; infection risk; influenza; occupational hazard; pandemic; poultry; priority journal; risk reduction; swine; vaccination; virus transmission; worker; Agricultural Workers' Diseases; Animals; Chickens; Disaster Planning; Disease Outbreaks; Humans; Influenza A Virus, H1N1 Subtype; Influenza, Human; Occupational Exposure; Orthomyxoviridae Infections; Poultry Diseases; Swine; Swine Diseases; Turkeys; Zoonoses	Preparedness
Molinari N.-A.M., Ortega-Sanchez I.R., Messonnier M.L., Thompson W.W., Wortley P.M., Weintraub E., Bridges C.B.	The annual impact of seasonal influenza in the US: Measuring disease burden and costs	2007	Vaccine	25	27	30	absenteeism; age; article; confidence interval; cost benefit analysis; economic aspect; health care utilization; health insurance; hospitalization cost; influenza; mortality; outpatient; priority journal; probability; productivity; risk; seasonal variation; United States; Adolescent; Adult; Aged; Algorithms; Child; Child, Preschool; Cost of Illness; Costs and Cost Analysis; Efficiency; Female; Hospitalization; Humans; Infant; Influenza, Human; Male; Middle Aged; Monte Carlo Method; Regression Analysis; Risk; Sick Leave; Treatment Outcome; United States; Value of Life	Epidemiology
Osterhaus A.D.M.E.	Pre- or post-pandemic influenza vaccine?	2007	Vaccine	25	27	7	influenza vaccine; drug efficacy; editorial; human; influenza; influenza vaccination; pandemic; priority journal; treatment planning; world health organization; Disease Outbreaks; Drug Industry; Humans; Influenza A Virus, H5N1 Subtype; Influenza Vaccines; Influenza, Human; Mass Immunization; World Health Organization	Vaccination
Dailey L., Watkins R.E., Plant A.J.	Timeliness of Data Sources Used for Influenza Surveillance	2007	Journal of the American Medical Informatics Association	14	5	2	absenteeism; analytic method; article; correlation analysis; diagnostic test; emergency care; health survey; human; influenza; MEDLINE; pharmacy; physician; virology; Algorithms; Cluster Analysis; Disease Outbreaks; Emergency Service, Hospital; Humans; Influenza, Human; Population Surveillance; Time Factors	Surveillance
Simonsen L., Taylor R.J., Viboud C., Miller M.A., Jackson L.A.	Mortality benefits of influenza vaccination in elderly people: an ongoing controversy	2007	Lancet Infectious Diseases	7	10	49	influenza vaccine; placebo; clinical trial; cohort analysis; death; groups by age; human; income; influenza; influenza vaccination; mortality; policy; priority journal; review; risk reduction; winter; Aged; Aged, 80 and over; Cohort Studies; Humans; Immunization Programs; Influenza A virus; Influenza A Virus, H3N2 Subtype; Influenza B virus; Influenza Vaccines; Influenza, Human; Middle Aged; Mortality; Randomized Controlled Trials; Seasons; Vaccines, Inactivated	Vaccination
Fox J.D.	Respiratory virus surveillance and outbreak investigation	2007	Journal of Clinical Virology	40	SUPPL. 1	1	antigen detection; Coronavirus; human bocavirus; nonhuman; nucleic acid amplification; pandemic; Parainfluenza virus; priority journal; Respiratory syncytial pneumovirus; respiratory virus; review; Rhinovirus; seasonal variation; sensitivity and specificity; viral respiratory tract infection; virus culture; virus detection; Disease Outbreaks; Humans; Respiratory Tract Infections; Sentinel Surveillance	Surveillance; Epidemiology
Escuret V., Frobert E., Bouscambert-Duchamp M., Sabatier M., Grog I., Valette M., Lina B., Morfin F., Ferraris O.	Detection of human influenza A (H1N1) and B strains with reduced sensitivity to neuraminidase inhibitors	2008	Journal of Clinical Virology	41	1	10	4 acetamido 5 amino 3 (1 ethylpropoxy) 1 cyclohexene 1 carboxylic acid; oseltamivir; sialidase inhibitor; zanamivir; animal cell; antibiotic sensitivity; article; cell strain; controlled study; fluorescence analysis; IC 50; Influenza virus A H1N1; Influenza virus B; nonhuman; priority journal; virus detection; virus isolation; virus mutation; virus resistance; Amino Acid Substitution; Antiviral Agents; Drug Resistance, Viral; France; Humans; Influenza A Virus, H1N1 Subtype; Influenza B virus; Influenza, Human; Inhibitory Concentration 50; Microbial Sensitivity Tests; Mutation, Missense; Neuraminidase; Oseltamivir; Sequence Analysis, DNA; Viral Proteins; Zanamivir	Virology; Treatment
Brice G.T., Drews S.J., Low D.E.	Respiratory virus panels for global surveillance of emerging infectious diseases	2007	Journal of Clinical Virology	40	SUPPL. 1		biological warfare; influenza; priority journal; respiratory virus; reverse transcription polymerase chain reaction; review; severe acute respiratory syndrome; virus detection; Communicable Diseases, Emerging; Humans; Oligonucleotide Array Sequence Analysis; Polymerase Chain Reaction; Respiratory Tract Infections; Sentinel Surveillance	Surveillance; Epidemiology
Rothberg M.B., Haessler S.D., Brown R.B.	Complications of Viral Influenza	2008	American Journal of Medicine	121	4	7	amantadine; antivirus agent; influenza vaccine; oseltamivir; rimantadine; sialidase inhibitor; zanamivir; bacterial infection; comorbidity; heart disease; high risk patient; human; infection complication; influenza; influenza virus; lung complication; methicillin resistant Staphylococcus aureus; mortality; neuromuscular function; pneumonia; priority journal; review; risk assessment; secondary infection; vaccination; Age Distribution; Aged; Female; Follow-Up Studies; Humans; Infant; Influenza Vaccines; Influenza, Human; Male; Orthomyxoviridae; Pneumonia, Viral; Pregnancy; Risk Assessment; Severity of Illness Index; Sex Distribution; Superinfection; Survival Analysis; United States; Vaccination	Pathogenesis
Flahault A.	Epidemiology of influenza pandemics [Épidémiologie des pandémies grippales]	2008	Revue des Maladies Respiratoires	25	4		influenza vaccine; oseltamivir; zanamivir; antivirus agent; conference paper; drug indication; human; infection control; infection prevention; influenza; influenza vaccination; Influenza virus A H1N1; Influenza virus A H5N1; pandemic; virus transmission; virus virulence; article; classification; communicable disease; epidemic; health; health survey; immunology; Influenza virus A; pathogenicity; statistics; virology; virulence; Antiviral Agents; Communicable Disease Control, Communicable Diseases; Disease Outbreaks; Humans; Influenza A virus; Influenza Vaccines; Influenza, Human; Population Surveillance; Sentinel Surveillance; Virulence; World Health	Epidemiology
Moscona A.	Oseltamivir-resistant influenza?	2004	Lancet	364	9436	17	amantadine; oseltamivir; rimantadine; sialidase inhibitor; virus vaccine; zanamivir; China; disease severity; disease transmission; drug effect; epidemic; gene mutation; human; influenza; note; priority journal; prophylaxis; receptor blocking; side effect; virulence; world health organization; Acetamides; Child; Drug Resistance, Viral; Human; Influenza; Influenza A Virus, Human; Neuraminidase; Point Mutation	Treatment
Wutzler P., Kossow K.-D., Lode H., Ruf B.R., Scholz H., Vogel G.E.	Antiviral treatment and prophylaxis of influenza in primary care: German recommendations	2004	Journal of Clinical Virology	31	2	12	amantadine; antivirus agent; influenza vaccine; oseltamivir; sialidase inhibitor; zanamivir; central nervous system disease; clinical trial; drug effect; drug efficacy; drug mechanism; human; immunocompetence; influenza; influenza vaccination; Influenza virus B; primary medical care; priority journal; prophylaxis; review; side effect; symptomatology; virus mutant; Acetamides; Amantadine; Antiviral Agents; Drug Resistance, Viral; Germany; Guanidines; Humans; Influenza A virus; Influenza B virus; Influenza, Human; Oseltamivir; Primary Health Care; Pyrans; Sialic Acids; Zanamivir	Treatment; Prevention
Kiso M., Mitamura K., Sakai-Tagawa Y., Shiraishi K., Kawakami C., Kimura K., Hayden F.G., Sugaya N., Kawaoka Y.	Resistant influenza A viruses in children treated with oseltamivir: Descriptive study	2004	Lancet	364	9436	244	4 acetamido 5 amino 3 (1 ethylpropoxy) 1 cyclohexene 1 carboxylic acid; amantadine; arginine; asparagine; glutamic acid; hemagglutinin; influenza vaccine; lysine; serine; sialidase; sialidase inhibitor; valine; adolescent; article; child; controlled study; gene sequence; human; infant; influenza A; Influenza virus A; major clinical study; mutant; priority journal; virus resistance; virus shedding; Acetamides; Adolescent; Amino Acid Substitution; Child; Child, Preschool; Drug Resistance, Viral; Hemagglutinins, Viral; Human; Infant; Influenza; Influenza A Virus, Human; Neuraminidase; Point Mutation; Support, Non-U.S. Gov't; Support, U.S. Gov't, P.H.S.	Treatment; Virology
Russell C.A., Jones T.C., Barr I.G., Cox N.J., Garten R.J., Gregory V., Gust I.D., Hampson A.W., Hay A.J., Hurt A.C., de Jong J.C., Kelso A., Klimov A.I., Kageyama T., Komadina N., Lapedes A.S., Lin Y.P., Mosterin A., Obuchi M., Odagiri T., Osterhaus A.D.M.E., Rimmelzwaan G.F., Shaw M.W., Skepner E., Stohr K., Tashiro M., Fouchier R.A.M., Smith D.J.	Influenza vaccine strain selection and recent studies on the global migration of seasonal influenza viruses	2008	Vaccine	26	SUPPL. 4		influenza vaccine; article; geographic distribution; human; influenza; influenza vaccination; Influenza virus A H1N1; Influenza virus A H3N2; migration; priority journal; seasonal variation; vaccine production; virus strain; virus transmission; world health organization; Humans; Influenza Vaccines; Influenza, Human; Orthomyxoviridae	Epidemiology; Vaccination
Carr M.J., Sayre N., Duffy M., Connell J., Hall W.W.	Rapid molecular detection of the H275Y oseltamivir resistance gene mutation in circulating influenza A (H1N1) viruses	2008	Journal of Virological Methods	153	2	2	amantadine; oseltamivir; zanamivir; antiviral resistance; article; gene mutation; Influenza virus A H1N1; nonhuman; nucleotide sequence; priority journal; reverse transcription polymerase chain reaction; sensitivity analysis; virus detection; virus isolation; Alleles; Amino Acid Substitution; Antiviral Agents; Drug Resistance, Viral; Humans; Influenza A Virus, H1N1 Subtype; Influenza, Human; Microbial Sensitivity Tests; Mutation; Neuraminidase; Oseltamivir; Reverse Transcriptase Polymerase Chain Reaction; Sensitivity and Specificity; Time Factors; Influenza A virus; Orthomyxoviridae	Treatment; Virology
Chen L.H., Wilson M.E.	The Role of the Traveler in Emerging Infections and Magnitude of Travel	2008	Medical Clinics of North America	92	6		disease control; disease surveillance; disease transmission; human; infection; priority journal; review; travel; Alphavirus infections; Chikungunya virus; Communicable Diseases, Emerging; Dengue; Disease Outbreaks; Humans; Influenza, Human; Measles; Meningococcal Infections; Population Surveillance; Risk Assessment; Severe Acute Respiratory Syndrome; Travel; World Health	Epidemiology
Kimball A.M., Moore M., French H.M., Arima Y., Ungchusak K., Wibulpolprasert S., Taylor T., Touch S., Leventhal A.	Regional Infectious Disease Surveillance Networks and their Potential to Facilitate the Implementation of the International Health Regulations	2008	Medical Clinics of North America	92	6		avian influenza; disease control; disease surveillance; health care policy; infection; law enforcement; priority journal; public health; review; Communicable Disease Control; Community Networks; Health Policy; Humans; International Cooperation; Population Surveillance; Public Health; World Health; World Health Organization	Surveillance
Shimoni Z., Niven M., Kama N., Dusseldorp N., Froom P.	Increased complaints of fever in the emergency room can identify influenza epidemics	2008	European Journal of Internal Medicine	19	7		abdominal pain; adult; aged; article; asthma; coughing; diagnostic accuracy; disease duration; dyspnea; emergency ward; epidemic; faintness; female; fever; human; influenza; laboratory diagnosis; major clinical study; male; paralysis; sore throat; syncope; thorax pain; weakness; Adult; Disease Outbreaks; Emergency Service, Hospital; Fever; Humans; Influenza, Human; Sentinel Surveillance	Surveillance; Epidemiology
Washio M., Oura A., Mori M.	Ecological studies on influenza infection and the effect of vaccination: Their advantages and limitations	2008	Vaccine	26	50		influenza vaccine; article; drug efficacy; ecology; epidemic; flu like syndrome; health program; human; infection risk; influenza; influenza vaccination; mass screening; population research; priority journal; season; time series analysis; Aged; Aged, 80 and over; Child; Ecology; Epidemiologic Factors; Epidemiologic Methods; Humans; Immunization Programs; Influenza Vaccines; Influenza, Human; Japan; Treatment Outcome; Vaccination	Vaccination
Salomon R., Webster R.G.	The Influenza Virus Enigma	2009	Cell	136	3		das 181; fludase; influenza vaccine; oseltamivir; ribavirin; sialidase; taribavirin; unclassified drug; zanamivir; drug inhibition; immune response; influenza; influenza virus; pathogenesis; priority journal; review; vaccination; virus replication; virus transmission; Animals; Birds; Disease Reservoirs; Drug Resistance, Viral; Humans; Influenza A virus; Influenza A Virus, H1N1 Subtype; Influenza A Virus, H3N2 Subtype; Influenza A Virus, H5N1 Subtype; Influenza in Birds; Influenza Vaccines; Influenza, Human; Orthomyxoviridae Infections; Population Surveillance; Avian influenza virus; Orthomyxoviridae	Virology
Krumkamp R., Ahmad A., Kassen A., Hjarne L., Syed A.M., Aro A.R., Reintjes R.	Evaluation of national pandemic management policies-A hazard analysis of critical control points approach	2009	Health Policy				HACCP; Pandemic influenza; Pandemic preparedness; Pandemic preparedness plans; Pandemic response; SARS	Preparedness

Authors	Title	Year	Source	Volume	Issue	Cited	Keywords	Categories
Vellozzi C., Burwen D.R., Dobardzic A., Ball R., Walton K., Haber P.	Safety of trivalent inactivated influenza vaccines in adults: Background for pandemic influenza vaccine safety monitoring	2009	Vaccine	27	15		inactivated virus vaccine; influenza vaccine; triple vaccine; adult; anaphylaxis; article; asthenia; ataxia; atherosclerotic cardiovascular disease; brain disease; cerebrovascular accident; chronic obstructive lung disease; drug fatality; drug fever; drug induced headache; drug monitoring; drug safety; drug surveillance program; dyspnea; encephalitis; encephalomyelitis; endocarditis; facial nerve paralysis; female; Guillain Barre syndrome; heart failure; heart infarction; human; hypokinesia; influenza; influenza vaccination; injection site reaction; liver failure; lung embolism; male; meningitis; myalgia; myasthenia; myelitis; myocarditis; neuritis; neurologic disease; optic neuritis; pain; pandemic; paresthesia; peripheral neuropathy; pneumonia; postmarketing surveillance; priority journal; pruritus; rash; respiratory failure; sepsis; side effect; Stevens Johnson syndrome; sudden death; urticaria; vasodilatation	Vaccination
[No author name available]	Public-health preparedness requires more than surveillance	2004	Lancet	364	9446	8	cholera; disease control; disease transmission; editorial; epidemic; government; health care policy; health survey; human; influenza; plague; priority journal; public health; severe acute respiratory syndrome; vaccination; world health organization; yellow fever; Communicable Disease Control; Disease Notification; Disease Outbreaks; Humans; Population Surveillance; Public Health Practice; World Health; World Health Organization	Preparedness; Surveillance
Kawai N., Ikematsu H., Iwaki N., Maeda T., Kanazawa H., Kawashima T., Tanaka O., Yamauchi S., Kawamura K., Nagai T., Horii S., Hirotsu N., Kashiwagi S.	A comparison of the effectiveness of zanamivir and oseltamivir for the treatment of influenza A and B	2008	Journal of Infection	56	1	6	oseltamivir; zanamivir; adolescent; adult; antigen detection; article; body temperature; child; clinical trial; controlled clinical trial; controlled study; dose calculation; drug efficacy; female; fever; human; influenza; Influenza virus A; Influenza virus B; major clinical study; male; multiple regression; nonhuman; persistent virus infection; unspecified side effect; virus isolation; Administration, Inhalation; Administration, Oral; Adolescent; Adult; Female; Fever; Humans; Influenza A virus; Influenza B virus; Influenza, Human; Japan; Male; Oseltamivir; Treatment Outcome; Zanamivir	Treatment
Chan C.-H., Lin K.-L., Chan Y., Wang Y.-L., Chi Y.-T., Tu H.-L., Shieh H.-K., Liu W.-T.	Amplification of the entire genome of influenza A virus H1N1 and H3N2 subtypes by reverse-transcription polymerase chain reaction	2006	Journal of Virological Methods	136	1-2	6	RNA directed DNA polymerase; accuracy; amplicon; analytic method; article; controlled study; denaturation; DNA sequence; DNA synthesis; gene amplification; gene construct; Influenza virus A; nonhuman; priority journal; reverse transcription polymerase chain reaction; RNA extraction; sequence analysis; virus culture; virus genome; virus strain; virus typing; DNA Primers; Genome, Viral; Humans; Influenza A Virus, H1N1 Subtype; Influenza A Virus, H3N2 Subtype; Reverse Transcriptase Polymerase Chain Reaction; RNA, Viral; Influenza A virus	Virology
Ferguson N.	Poverty, death, and a future influenza pandemic	2006	Lancet	368	9554	6	antibiotic agent; antiviral agent; influenza vaccine; article; death; epidemic; health care delivery; human; influenza; influenza vaccination; malaria; malnutrition; mortality; poverty; priority journal; vaccine production; virus infection; Developing Countries; Disease Outbreaks; Humans; Influenza, Human; Poverty; World Health	Preparedness
The Lancet	International Health Regulations: the challenges ahead	2007	Lancet	369	9575	6	avian influenza; developed country; developing country; disease control; editorial; emergency care; health care cost; health care policy; health hazard; health service; health survey; pandemic; priority journal; world health organization; Humans; International Cooperation; Public Health; World Health Organization	Preparedness
Goh L.G., Cheong P.Y.	The pandemic influenza threat: a review from the primary care perspective	2006	Primary Care Respiratory Journal	15	4	6	antiviral agent; virus vaccine; Asia; avian influenza; daily life activity; disease control; epidemic; genetic analysis; genetic transformation; health care delivery; health care personnel; human; infection control; influenza; medical information; medical staff; MEDLINE; primary medical care; reservoir; review; severe acute respiratory syndrome; treatment planning; world health organization; Disease Outbreaks; Humans; Influenza, Human; Practice Guidelines; Primary Health Care	Preparedness
Mak T.K., Mangtani P., Leese J., Watson J.M., Pfeifer D.	Influenza vaccination in pregnancy: current evidence and selected national policies	2008	The Lancet Infectious Diseases	8	1	6	influenza vaccine; clinical trial; common cold; comorbidity; dizziness; drug safety; fever; flu like syndrome; headache; health care policy; human; immunogenicity; infection risk; influenza; influenza vaccination; Influenza virus; intrauterine infection; malaise; maternal disease; morbidity; mortality; myalgia; newborn infection; pandemic; pregnancy; pregnancy outcome; priority journal; prophylaxis; review; seasonal variation; teratogenicity; treatment response; epidemic; female; immunology; newborn; pregnancy complication; risk assessment; United Kingdom; virology; Disease Outbreaks; Female; Great Britain; Health Policy; Humans; Infant, Newborn; Influenza Vaccines; Influenza, Human; Pregnancy; Pregnancy Complications, Infectious; Pregnancy Outcome; Pregnancy Trimesters; Risk Assessment	Vaccination
Medema J.K., Zoellner Y.F., Ryan J., Palache A.M.	Modeling pandemic preparedness scenarios: Health economic implications of enhanced pandemic vaccine supply	2004	Virus Research	103	39845	6	influenza vaccine; conference paper; drug industry; health care planning; health economics; human; Influenza; mathematical model; priority journal; Disease Outbreaks; Health Care Costs; Health Plan Implementation; Health Planning; Humans; Influenza Vaccines; Influenza, Human; Models, Biological; Vaccination; World Health	Preparedness; Vaccination
de Wit E., Fouchier R.A.M.	Emerging influenza	2008	Journal of Clinical Virology	41	1	5	article; influenza; Influenza virus A; Influenza virus A H1N1; Influenza virus A H5N1; nonhuman; pathogenesis; priority journal; virus replication; virus transmission; virus virulence; Animals; Bird Diseases; Birds; Humans; Influenza A Virus, H1N1 Subtype; Influenza A Virus, H5N1 Subtype; Influenza A Virus, H7N7 Subtype; Influenza in Birds; Influenza, Human; Mammals; Poultry; Poultry Diseases	Epidemiology
Bennett B.	Legal rights during pandemics: Federalism, rights and public health laws – a view from Australia	2009	Public Health	123	3			Preparedness
Duncan W.J., Ginter P.M., Rucks A.C., Wingate M.S., McCormick L.C.	Organizing emergency preparedness within United States public health departments	2007	Public Health	121	4			Preparedness
Bunting C.J.	Pandemic flu: Are we properly prepared?	2008	Public Health	122	6			Preparedness
Selgelid M.J.	Pandethics	2009	Public Health	123	3			Preparedness
Martin R.	The role of law in pandemic influenza preparedness in Europe	2009	Public Health	123	3			Preparedness
Phin N.F., Rylands A.J., Allan J., Edwards C., Enstone J.E., Nguyen-Van-Tam J.S.	Personal protective equipment in an influenza pandemic: a UK simulation exercise	2009	Journal of Hospital Infection	71	1			Prevention, Preparedness
Oxford J.S., Lambkin R.	Influenza is now a preventable disease	2006	International Journal of Antimicrobial Agents	27	4			Prevention, Preparedness
Brundage J.	Cases and Deaths During Influenza Pandemics in the United States	2006	American Journal of Preventive Medicine	31	3			Epidemiology
Olsen C.W.	DNA vaccination against influenza viruses: A review with emphasis on equine and swine influenza	2000	Veterinary Microbiology	74	1			Vaccination
Vincent, A.L., Lager, K.M., Ma, W., Lekcharonsuk, P., Gramer, M.R., Lioacono, C., Richt, J.A.	Evaluation of hemagglutinin subtype 1 swine influenza viruses from the United States	2006	Veterinary Microbiology	118	3			Virology