

Edward E Walsh

List of Publications by Year in descending order

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69
papers

8,620
citations

159585

30
h-index

110387

64
g-index

78
all docs

78
docs citations

78
times ranked

11760
citing authors

#	ARTICLE	IF	CITATIONS
1	Safety and Immunogenicity of Two RNA-Based Covid-19 Vaccine Candidates. <i>New England Journal of Medicine</i> , 2020, 383, 2439-2450.	27.0	2,107
2	Respiratory Syncytial Virus Infection in Elderly and High-Risk Adults. <i>New England Journal of Medicine</i> , 2005, 352, 1749-1759.	27.0	1,668
3	Pattern recognition receptors TLR4 and CD14 mediate response to respiratory syncytial virus. <i>Nature Immunology</i> , 2000, 1, 398-401.	14.5	1,482
4	The respiratory syncytial virus vaccine landscape: lessons from the graveyard and promising candidates. <i>Lancet Infectious Diseases</i> , The, 2018, 18, e295-e311.	9.1	355
5	Respiratory Syncytial Virus Uses CX3CR1 as a Receptor on Primary Human Airway Epithelial Cultures. <i>PLoS Pathogens</i> , 2015, 11, e1005318.	4.7	215
6	Risk Factors for Severe Respiratory Syncytial Virus Infection in Elderly Persons. <i>Journal of Infectious Diseases</i> , 2004, 189, 233-238.	4.0	183
7	Humoral and Mucosal Immunity in Protection from Natural Respiratory Syncytial Virus Infection in Adults. <i>Journal of Infectious Diseases</i> , 2004, 190, 373-378.	4.0	163
8	Human Metapneumovirus Infections in Adults. <i>Archives of Internal Medicine</i> , 2008, 168, 2489.	3.8	158
9	Superiority of Transcriptional Profiling Over Procalcitonin for Distinguishing Bacterial From Viral Lower Respiratory Tract Infections in Hospitalized Adults. <i>Journal of Infectious Diseases</i> , 2015, 212, 213-222.	4.0	146
10	Clinical Impact of Human Coronaviruses 229E and OC43 Infection in Diverse Adult Populations. <i>Journal of Infectious Diseases</i> , 2013, 208, 1634-1642.	4.0	145
11	Respiratory Syncytial Virus Transplacental Antibody Transfer and Kinetics in Mother-Infant Pairs in Bangladesh. <i>Journal of Infectious Diseases</i> , 2014, 210, 1582-1589.	4.0	134
12	Clinical Features of Influenza A Virus Infection in Older Hospitalized Persons. <i>Journal of the American Geriatrics Society</i> , 2002, 50, 1498-1503.	2.6	121
13	Viral Shedding and Immune Responses to Respiratory Syncytial Virus Infection in Older Adults. <i>Journal of Infectious Diseases</i> , 2013, 207, 1424-1432.	4.0	110
14	Serum Procalcitonin Measurement and Viral Testing to Guide Antibiotic Use for Respiratory Infections in Hospitalized Adults: A Randomized Controlled Trial. <i>Journal of Infectious Diseases</i> , 2015, 212, 1692-1700.	4.0	103
15	Respiratory Syncytial Virus Infection in Adult Populations. <i>Infectious Disorders - Drug Targets</i> , 2012, 12, 98-102.	0.8	101
16	Is Clinical Recognition of Respiratory Syncytial Virus Infection in Hospitalized Elderly and High-Risk Adults Possible?. <i>Journal of Infectious Diseases</i> , 2007, 195, 1046-1051.	4.0	96
17	Experimental infection of humans with A2 respiratory syncytial virus1. <i>Antiviral Research</i> , 2004, 63, 191-196.	4.1	86
18	Respiratory Syncytial Virus Infection. <i>Clinics in Chest Medicine</i> , 2017, 38, 29-36.	2.1	72

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19	Detection of Respiratory Viruses in Sputum from Adults by Use of Automated Multiplex PCR. <i>Journal of Clinical Microbiology</i> , 2014, 52, 3590-3596.	3.9	64
20	Incidence of Respiratory Syncytial Virus Infection Among Hospitalized Adults, 2017–2020. <i>Clinical Infectious Diseases</i> , 2022, 74, 1004-1011.	5.8	61
21	Age related differences in humoral immune response to respiratory syncytial virus infection in adults. <i>Journal of Medical Virology</i> , 2004, 73, 295-299.	5.0	58
22	Transcriptomic Biomarkers to Discriminate Bacterial from Nonbacterial Infection in Adults Hospitalized with Respiratory Illness. <i>Scientific Reports</i> , 2017, 7, 6548.	3.3	54
23	Should clinical case definitions of influenza in hospitalized older adults include fever?. <i>Influenza and Other Respiratory Viruses</i> , 2015, 9, 23-29.	3.4	53
24	Reverse transcription polymerase chain reaction (RT-PCR) for diagnosis of respiratory syncytial virus infection in adults: Use of a single-tube hanging droplet nested PCR. <i>Journal of Medical Virology</i> , 2001, 63, 259-263.	5.0	50
25	Comparison of respiratory syncytial virus humoral immunity and response to infection in young and elderly adults. , 1999, 59, 221-226.		45
26	The Effect of Steroid Use in Hospitalized Adults With Respiratory Syncytial Virus-Related Illness. <i>Chest</i> , 2011, 140, 1155-1161.	0.8	45
27	Vaccination programs for older adults in an era of demographic change. <i>European Geriatric Medicine</i> , 2018, 9, 289-300.	2.8	43
28	Respiratory syncytial virus-associated illness in adults with advanced chronic obstructive pulmonary disease and/or congestive heart failure. <i>Journal of Medical Virology</i> , 2019, 91, 65-71.	5.0	43
29	A Randomized Phase 1/2 Study of a Respiratory Syncytial Virus Prefusion F Vaccine. <i>Journal of Infectious Diseases</i> , 2022, 225, 1357-1366.	4.0	38
30	Virus-Specific Antibody, Viral Load, and Disease Severity in Respiratory Syncytial Virus Infection. <i>Journal of Infectious Diseases</i> , 2018, 218, 208-217.	4.0	34
31	Development of a Global Respiratory Severity Score (GRSS) for Respiratory Syncytial Virus Infection in Infants. <i>Journal of Infectious Diseases</i> , 2017, 215, jiw624.	4.0	32
32	CX3CR1 as a respiratory syncytial virus receptor in pediatric human lung. <i>Pediatric Research</i> , 2020, 87, 862-867.	2.3	32
33	Microbiome-Transcriptome Interactions Related to Severity of Respiratory Syncytial Virus Infection. <i>Scientific Reports</i> , 2019, 9, 13824.	3.3	30
34	The Healthy Infant Nasal Transcriptome: A Benchmark Study. <i>Scientific Reports</i> , 2016, 6, 33994.	3.3	25
35	Delayed Diagnosis of Respiratory Syncytial Virus Infections in Hospitalized Adults: Individual Patient Data, Record Review Analysis and Physician Survey in the United States. <i>Journal of Infectious Diseases</i> , 2019, 220, 969-979.	4.0	24
36	Syncope, Near Syncope, or Nonmechanical Falls as a Presenting Feature of COVID-19. <i>Annals of Emergency Medicine</i> , 2020, 76, 115-117.	0.6	22

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37	Cost determinants among adults hospitalized with respiratory syncytial virus in the United States, 2017–2019. <i>Influenza and Other Respiratory Viruses</i> , 2022, 16, 151-158.	3.4	22
38	Graded Administration of Second Dose of Moderna and Pfizer-BioNTech COVID-19 mRNA Vaccine in Patients with Hypersensitivity to First Dose. <i>Open Forum Infectious Diseases</i> , 2021, 8, ofab507.	0.9	20
39	Provider Decisions to Treat Respiratory Illnesses with Antibiotics: Insights from a Randomized Controlled Trial. <i>PLoS ONE</i> , 2016, 11, e0152986.	2.5	19
40	Can Analysis of Routine Viral Testing Provide Accurate Estimates of Respiratory Syncytial Virus Disease Burden in Adults?. <i>Journal of Infectious Diseases</i> , 2017, 215, 1706-1710.	4.0	19
41	Association of Dynamic Changes in the CD4 T-Cell Transcriptome With Disease Severity During Primary Respiratory Syncytial Virus Infection in Young Infants. <i>Journal of Infectious Diseases</i> , 2017, 216, 1027-1037.	4.0	17
42	Airway Gene Expression Correlates of Respiratory Syncytial Virus Disease Severity and Microbiome Composition in Infants. <i>Journal of Infectious Diseases</i> , 2021, 223, 1639-1649.	4.0	17
43	Comparative assessment of reported symptoms of influenza, respiratory syncytial virus, and human metapneumovirus infection during hospitalization and post-discharge assessed by Respiratory Intensity and Impact Questionnaire. <i>Influenza and Other Respiratory Viruses</i> , 2022, 16, 79-89.	3.4	16
44	Mutation of Respiratory Syncytial Virus G Protein's CX3C Motif Attenuates Infection in Cotton Rats and Primary Human Airway Epithelial Cells. <i>Vaccines</i> , 2019, 7, 69.	4.4	15
45	CX3CR1 Engagement by Respiratory Syncytial Virus Leads to Induction of Nucleolin and Dysregulation of Cilium-Related Genes. <i>Journal of Virology</i> , 2021, 95, .	3.4	14
46	Development of Electrochemiluminescent Serology Assays to Measure the Humoral Response to Antigens of Respiratory Syncytial Virus. <i>PLoS ONE</i> , 2016, 11, e0153019.	2.5	14
47	Can serum procalcitonin levels help interpret indeterminate chest radiographs in patients hospitalized with acute respiratory illness?. <i>Journal of Hospital Medicine</i> , 2013, 8, 61-67.	1.4	9
48	Clinical and Genomic Features of the First Cases of <i>Elizabethkingia anophelis</i> Infection in New York, Including the First Case in a Healthy Infant Without Previous Nosocomial Exposure. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2019, 8, 269-271.	1.3	9
49	Temporal, Spatial, and Epidemiologic Relationships of Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Gene Cycle Thresholds: A Pragmatic Ambi-directional Observation. <i>Clinical Infectious Diseases</i> , 2021, 73, e3133-e3135.	5.8	9
50	Temporal Dysbiosis of Infant Nasal Microbiota Relative to Respiratory Syncytial Virus Infection. <i>Journal of Infectious Diseases</i> , 2021, 223, 1650-1658.	4.0	9
51	A cluster-control approach to a coronavirus disease 2019 (COVID-19) outbreak on a stroke ward with infection control considerations for dementia and vascular units. <i>Infection Control and Hospital Epidemiology</i> , 2021, 42, 1-7.	1.8	9
52	Aims, Study Design, and Enrollment Results From the Assessing Predictors of Infant Respiratory Syncytial Virus Effects and Severity Study. <i>JMIR Research Protocols</i> , 2019, 8, e12907.	1.0	9
53	Evaluation of the protective potential of antibody and T cell responses elicited by a novel preventative vaccine towards respiratory syncytial virus small hydrophobic protein. <i>Human Vaccines and Immunotherapeutics</i> , 2020, 16, 2007-2017.	3.3	7
54	Effectiveness of various cleaning strategies in acute and long-term care facilities during novel corona virus 2019 disease pandemic-related staff shortages. <i>PLoS ONE</i> , 2022, 17, e0261365.	2.5	7

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55	Hypergammaglobulinemia and Impaired Transplacental Transfer of Respiratory Syncytial Virus Antibody in Papua New Guinea. <i>Pediatric Infectious Disease Journal</i> , 2019, 38, e199-e202.	2.0	6
56	Airway gene-expression classifiers for respiratory syncytial virus (RSV) disease severity in infants. <i>BMC Medical Genomics</i> , 2021, 14, 57.	1.5	5
57	Emergence of the E484K Mutation in Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Lineage B.1.1.345 in Upstate New York. <i>Clinical Infectious Diseases</i> , 2022, 74, 909-912.	5.8	5
58	733. Incidence and Evaluation of the Change in Functional Status Associated with Respiratory Syncytial Virus Infection in Hospitalized Older Adults. <i>Open Forum Infectious Diseases</i> , 2018, 5, S263-S263.	0.9	3
59	Respiratory Syncytial Virus: An Old Foe in a New Era. <i>Journal of Infectious Diseases</i> , 2020, 222, 1245-1246.	4.0	3
60	Diagnosis of <i>Streptococcus pneumoniae</i> infection using circulating antibody secreting cells. <i>PLoS ONE</i> , 2021, 16, e0259644.	2.5	3
61	The Challenge of Respiratory Syncytial Virus Human Challenge Studies. <i>New England Journal of Medicine</i> , 2022, 386, 696-697.	27.0	3
62	A systems genomics approach uncovers molecular associates of RSV severity. <i>PLoS Computational Biology</i> , 2021, 17, e1009617.	3.2	3
63	Evaluation of Antibody Response to Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Immunizations in Patients with B-Cell Malignancies. <i>Blood</i> , 2021, 138, 4681-4681.	1.4	1
64	Compassionate Use Experience with High Titer RSV Immunoglobulin (RSV-IVIG) in RSV Infected Immunocompromised Persons. <i>Open Forum Infectious Diseases</i> , 2016, 3, .	0.9	0
65	LytA-Positive <i>Streptococcus mitis/oralis</i> Confound Interpretation of Pneumococcal Colonization Studies. <i>Open Forum Infectious Diseases</i> , 2016, 3, .	0.9	0
66	Can Analysis of Routine Viral Testing Provide Accurate Estimates of Respiratory Syncytial Virus (RSV) Disease Burden in Adults?. <i>Open Forum Infectious Diseases</i> , 2016, 3, .	0.9	0
67	Mitigating <i>Candida auris</i> at a Busy Community Hospital: A Quasi-Experimental Near Real-Time Approach. <i>Open Forum Infectious Diseases</i> , 2017, 4, S72-S72.	0.9	0
68	Unbiased analysis of peripheral blood mononuclear cells reveals CD4 T cell response to RSV matrix protein. <i>Vaccine: X</i> , 2020, 5, 100065.	2.1	0
69	Early Life RSV: Can Vaccines Help Fix Societal Ills?. <i>Pediatrics</i> , 2021, 147, e2020038356.	2.1	0