

Richard G Hegele

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

3,834
citations

201385

27
h-index

161609

54
g-index

60
all docs

60
docs citations

60
times ranked

4740
citing authors

#	ARTICLE	IF	CITATIONS
1	Utility of a Lung Biopsy for the Diagnosis of Idiopathic Pulmonary Fibrosis. American Journal of Respiratory and Critical Care Medicine, 2001, 164, 193-196.	2.5	525
2	Inflammation of small airways in asthma. Journal of Allergy and Clinical Immunology, 1997, 100, 44-51.	0.4	497
3	Identification of nucleolin as a cellular receptor for human respiratory syncytial virus. Nature Medicine, 2011, 17, 1132-1135.	15.2	316
4	Radiologic Findings Are Strongly Associated With a Pathologic Diagnosis of Usual Interstitial Pneumonia. Chest, 2003, 124, 1215-1223.	0.4	295
5	A new transcriptional role for matrix metalloproteinase-12 in antiviral immunity. Nature Medicine, 2014, 20, 493-502.	15.2	218
6	Intrinsic Phenotypic Differences of Asthmatic Epithelium and Its Inflammatory Responses to Respiratory Syncytial Virus and Air Pollution. American Journal of Respiratory Cell and Molecular Biology, 2011, 45, 1090-1100.	1.4	181
7	Epidemiology of respiratory viruses in patients hospitalized with near-fatal asthma, acute exacerbations of asthma, or chronic obstructive pulmonary disease. American Journal of Medicine, 2003, 115, 272-277.	0.6	162
8	Toll-Like Receptor 4-Mediated Activation of p38 Mitogen-Activated Protein Kinase Is a Determinant of Respiratory Virus Entry and Tropism. Journal of Virology, 2010, 84, 11359-11373.	1.5	137
9	Modes of Infant Feeding and the Risk of Childhood Asthma: A Prospective Birth Cohort Study. Journal of Pediatrics, 2017, 190, 192-199.e2.	0.9	111
10	Two Enteropathogenic Escherichia coli Type III Secreted Proteins, EspA and EspB, Are Virulence Factors. Journal of Experimental Medicine, 1998, 188, 1907-1916.	4.2	110
11	Detection of Epstein-Barr Virus in Lymphocytic Interstitial Pneumonia by In Situ Hybridization. The American Review of Respiratory Disease, 1992, 145, 940-946.	2.9	96
12	Persistence of Respiratory Syncytial Virus Genome and Protein After Acute Bronchiolitis in Guinea Pigs. Chest, 1994, 105, 1848-1854.	0.4	80
13	International consensus guideline for reporting transmission electron microscopy results in the diagnosis of primary ciliary dyskinesia (BEAT PCD TEM Criteria). European Respiratory Journal, 2020, 55, 1900725.	3.1	77
14	Functional Genetic Variation in <i>NFKBIA</i> and Susceptibility to Childhood Asthma, Bronchiolitis, and Bronchopulmonary Dysplasia. Journal of Immunology, 2013, 190, 3949-3958.	0.4	66
15	Relationship of early childhood viral exposures to respiratory symptoms, onset of possible asthma and atopy in high risk children: The Canadian asthma primary prevention study. Pediatric Pulmonology, 2007, 42, 290-297.	1.0	60
16	Mechanisms of Airway Narrowing and Hyperresponsiveness in Viral Respiratory Tract Infections. American Journal of Respiratory and Critical Care Medicine, 1995, 151, 1659-1665.	2.5	57
17	Evolutionary concepts in biobanking - the BC BioLibrary. Journal of Translational Medicine, 2009, 7, 95.	1.8	57
18	The Relationship Between Respiratory Viral Loads and Diagnosis in Children Presenting to a Pediatric Hospital Emergency Department. Pediatric Infectious Disease Journal, 2011, 30, e18-e23.	1.1	54

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19	Persistent Airway Inflammation after Resolution of Respiratory Syncytial Virus Infection in Rats. <i>Pediatric Research</i> , 2004, 55, 657-665.	1.1	52
20	Interaction between Respiratory Syncytial Virus and Particulate Matter in Guinea Pig Alveolar Macrophages. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2003, 28, 697-704.	1.4	51
21	Associations and interactions of genetic polymorphisms in innate immunity genes with early viral infections and susceptibility to asthma and asthma-related phenotypes. <i>Journal of Allergy and Clinical Immunology</i> , 2012, 130, 1284-1293.	1.5	51
22	RSV Fusion: Time for a New Model. <i>Viruses</i> , 2013, 5, 873-885.	1.5	42
23	Bosentan Enhances Viral Load via Endothelin-1 Receptor Type-1 Mediated p38 Mitogen-Activated Protein Kinase Activation While Improving Cardiac Function During Coxsackievirus-Induced Myocarditis. <i>Circulation Research</i> , 2009, 104, 813-821.	2.0	35
24	Formation of a Stable Mimic of Ambient Particulate Matter Containing Viable Infectious Respiratory Syncytial Virus and Its Dry-Deposition Directly onto Cell Cultures. <i>Analytical Chemistry</i> , 2013, 85, 898-906.	3.2	34
25	Allergic sensitization increases airway reactivity in guinea pigs with respiratory syncytial virus bronchiolitis. <i>Journal of Allergy and Clinical Immunology</i> , 1997, 100, 492-498.	1.5	33
26	ERK MAP kinase-activated Arf6 trafficking directs coxsackievirus type B3 into an unproductive compartment during virus host-cell entry. <i>Journal of General Virology</i> , 2009, 90, 854-862.	1.3	32
27	Making sense of cell surface nucleolin: Implications for respiratory syncytial virus prophylaxis and therapy. <i>Cell Cycle</i> , 2012, 11, 1-2.	1.3	32
28	Early environmental determinants of asthma risk in a high-risk birth cohort. <i>Pediatric Allergy and Immunology</i> , 2008, 19, 482-489.	1.1	28
29	PCR Detection of Viral Nucleic Acid in Fatal Asthma: Is the Lower Respiratory Tract a Reservoir for Common Viruses?. <i>Canadian Respiratory Journal</i> , 1999, 6, 37-43.	0.8	27
30	The pathology of asthma: brief review. <i>Immunopharmacology</i> , 2000, 48, 257-262.	2.0	24
31	Comparison of three methods for respiratory virus detection between induced sputum and nasopharyngeal aspirate specimens in acute asthma. <i>Journal of Virological Methods</i> , 2002, 101, 127-133.	1.0	24
32	Increased airway reactivity in human RSV bronchiolitis in the guinea pig is not due to increased wall thickness. <i>Journal of Allergy and Clinical Immunology</i> , 1996, 22, 248-254.		21
33	Respiratory Viral Detection and Small Airway Inflammation in Lung Tissue of Patients with Stable, Mild COPD. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2014, 11, 197-203.	0.7	21
34	Identification of RSV Fusion Protein Interaction Domains on the Virus Receptor, Nucleolin. <i>Viruses</i> , 2021, 13, 261.	1.5	21
35	T Helper 1 Background Protects Against Airway Hyperresponsiveness and Inflammation in Guinea Pigs With Persistent Respiratory Syncytial Virus Infection. <i>Pediatric Research</i> , 2007, 61, 525-529.	1.1	19
36	A quantitative super-resolution imaging toolbox for diagnosis of motile ciliopathies. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	19

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37	Development of Respiratory Syncytial Virus "Bronchiolitis" in Guinea Pigs Does Not Reflect an Allergic Predisposition in the Host*. Chest, 2003, 124, 671-681.	0.4	18
38	Does Antigen-specific Cytokine Response Correlate with the Experience of Oculorespiratory Syndrome after Influenza Vaccine?. Journal of Infectious Diseases, 2003, 187, 495-499.	1.9	17
39	The association between respiratory viruses and symptoms in 2-week-old infants at high risk for asthma and allergy. Journal of Pediatrics, 2001, 138, 831-837.	0.9	14
40	Loss of GD1-positive Lactobacillus correlates with inflammation in human lungs with COPD. BMJ Open, 2015, 5, e006677-e006677.	0.8	14
41	Permissiveness of Guinea Pig Alveolar Macrophage Subpopulations to Acute Respiratory Syncytial Virus Infection In Vitro. Chest, 1998, 114, 1681-1688.	0.4	13
42	The RSV fusion receptor: not what everyone expected it to be. Microbes and Infection, 2012, 14, 1205-1210.	1.0	12
43	Targeting Host Cell Surface Nucleolin for RSV Therapy: Challenges and Opportunities. Vaccines, 2017, 5, 27.	2.1	12
44	Rosai-Dorfman disease involving the neurohypophysis. Pituitary, 2010, 13, 256-259.	1.6	10
45	Respiratory syncytial virus receptor expression in the mouse and viral tropism. Histology and Histopathology, 2015, 30, 401-11.	0.5	9
46	Community Study Using a Polymerase Chain Reaction Panel to Determine the Prevalence of Common Respiratory Viruses in Asthmatic and Nonasthmatic Children. Journal of Asthma, 1999, 36, 605-612.	0.9	8
47	Identifying targets in the hunt for effective respiratory syncytial virus interventions. Expert Review of Respiratory Medicine, 2012, 6, 215-222.	1.0	8
48	Usefulness of bronchoalveolar lavage for diagnosis of acute and persistent respiratory syncytial virus lung infections in guinea pigs. , 1998, 26, 396-404.		7
49	Performance of residents using digital images versus glass slides on certification examination in anatomical pathology: a mixed methods pilot study. CMAJ Open, 2016, 4, E88-E94.	1.1	6
50	The Prevalence of Common Respiratory Viruses in Human Lungs. , 1998, , 321-333.		6
51	The Role of Viruses in Chronic Respiratory Disease. Clinical Pulmonary Medicine, 1996, 3, 185-190.	0.3	4
52	Host and Viral Factors in Respiratory Syncytial Virus Infection. Current Pediatrics Reports, 2013, 1, 149-157.	1.7	4
53	Towards Systems Biology of Respiratory Syncytial Virus Infections: Seeing the Need and Preparing for Prime Time. Current Respiratory Medicine Reviews, 2008, 4, 29-34.	0.1	3
54	The Role of Viruses in Chronic Respiratory Disease. Infectious Diseases in Clinical Practice, 1997, 6, 167-173.	0.1	1

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55	Viruses and Lower Respiratory Tract Infections: Does More Mean Worse?. <i>Respiration</i> , 2010, 80, 443-444.	1.2	1
56	Is thrombotic microangiopathy a paraneoplastic phenomenon? Case report and review of the literature. <i>CKJ: Clinical Kidney Journal</i> , 2011, 4, 292-294.	1.4	1
57	Virus-Induced Signaling Influences Endosome Trafficking, Virus Entry, and Replication. <i>Methods in Enzymology</i> , 2014, 534, 65-76.	0.4	1
58	Critical Commentary to: Granulomatous <i>Pneumocystis carinii</i> Pneumonia Complicating Hematopoietic Cell Transplantation. <i>Pathology Research and Practice</i> , 2002, 198, 561.	1.0	0
59	Role of cytoplasmic stress granules in respiratory syncytial virus replication: a new frontier in virus-host interactions. <i>Future Virology</i> , 2011, 6, 295-298.	0.9	0
60	Latent Viral Infections. , 0, , 339-369.		0