Daniel J Weiner

List of Publications by Year
in descending order

79 papers	4,810 citations	101543 36 h-index	95266 68 g-index
80 all docs	80 docs citations	80 times ranked	5706 citing authors

#	Article	IF	Citations
1	Recommendations for a Standardized Pulmonary Function Report. An Official American Thoracic Society Technical Statement. American Journal of Respiratory and Critical Care Medicine, 2017, 196, 1463-1472.	5.6	450
2	Filovirus-pseudotyped lentiviral vector can efficiently and stably transduce airway epithelia in vivo. Nature Biotechnology, 2001, 19, 225-230.	17.5	300
3	Augmentation of Innate Host Defense by Expression of a Cathelicidin Antimicrobial Peptide. Infection and Immunity, 1999, 67, 6084-6089.	2.2	268
4	Î²-Defensin 1 Contributes to Pulmonary Innate Immunity in Mice. Infection and Immunity, 2002, 70, 3068-3072.	2.2	220
5	Assessment of clinical response to ivacaftor with lung clearance index in cystic fibrosis patients with a G551D- CFTR mutation and preserved spirometry: a randomised controlled trial. Lancet Respiratory Medicine,the, 2013, 1, 630-638.	10.7	203
6	The innate immune system in cystic fibrosis lung disease. Journal of Clinical Investigation, 1999, 103, 303-307.	8.2	184
7	Toll-Like Receptor 4 Mediates Innate Immune Responses toHaemophilus influenzaeInfection in Mouse Lung. Journal of Immunology, 2002, 168, 810-815.	0.8	182
8	Human Airway Epithelial Cells SensePseudomonas aeruginosaInfection via Recognition of Flagellin by Toll-Like Receptor 5. Infection and Immunity, 2005, 73, 7151-7160.	2.2	179
9	Mouse Î²-Defensin 3 Is an Inducible Antimicrobial Peptide Expressed in the Epithelia of Multiple Organs. Infection and Immunity, 1999, 67, 3542-3547.	2.2	172
10	Transfer of a cathelicidin peptide antibiotic gene restores bacterial killing in a cystic fibrosis xenograft model. Journal of Clinical Investigation, 1999, 103, 1113-1117.	8.2	172
11	Obesity and Airway Dysanapsis in Children with and without Asthma. American Journal of Respiratory and Critical Care Medicine, 2017, 195, 314-323.	5.6	170
12	Use of the Mechanical In-Exsufflator in Pediatric Patients With Neuromuscular Disease and Impaired Cough. Chest, 2004, 125, 1406-1412.	0.8	168
13	Measurement of FEF25-75% and FEF75% does not contribute to clinical decision making. European Respiratory Journal, 2014, 43, 1051-1058.	6.7	161
14	Erythropoietin gene therapy leads to autoimmune anemia in macaques. Blood, 2004, 103, 3300-3302.	1.4	141
15	The Antimicrobial Activity of the Cathelicidin LL37 Is Inhibited by F-actin Bundles and Restored by Gelsolin. American Journal of Respiratory Cell and Molecular Biology, 2003, 28, 738-745.	2.9	115
16	Noninvasive gene transfer to the lung for systemic delivery of therapeutic proteins. Journal of Clinical Investigation, 2002, 110, 499-504.	8.2	104
17	Airway epithelia regulate expression of human Î²â€defensin 2 through tollâ€like receptor 2. FASEB Journal, 2003, 17, 1727-1729.	0.5	96
18	Development of novel antibacterial peptides that kill resistant isolates. Peptides, 2002, 23, 2071-2083.	2.4	94

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19	Inhaled hypertonic saline in preschool children with cystic fibrosis (SHIP): a multicentre, randomised, double-blind, placebo-controlled trial. Lancet Respiratory Medicine,the, 2019, 7, 802-809.	10.7	89
20	Lung Function, Pulmonary Complications, and Mortality after Allogeneic Blood and Marrow Transplantation in Children. Biology of Blood and Marrow Transplantation, 2009, 15, 817-826.	2.0	85
21	Antibacterial Activities of Rhodamine B-Conjugated Gelsolin-Derived Peptides Compared to Those of the Antimicrobial Peptides Cathelicidin LL37, Magainin II, and Melittin. Antimicrobial Agents and Chemotherapy, 2004, 48, 1526-1533.	3.2	83
22	Noninvasive gene transfer to the lung for systemic delivery of therapeutic proteins. Journal of Clinical Investigation, 2002, 110, 499-504.	8.2	76
23	Salt-Independent Abnormality of Antimicrobial Activity in Cystic Fibrosis Airway Surface Fluid. American Journal of Respiratory Cell and Molecular Biology, 2001, 25, 21-25.	2.9	75
24	Overweight and obesity in patients with cystic fibrosis: A centerâ€based analysis. Pediatric Pulmonology, 2015, 50, 35-41.	2.0	69
25	Transduction of Well-Differentiated Airway Epithelium by Recombinant Adeno-Associated Virus Is Limited by Vector Entry. Journal of Virology, 1999, 73, 6085-6088.	3.4	69
26	Sexual and reproductive health behaviors and experiences reported by young women with cystic fibrosis. Journal of Cystic Fibrosis, 2018, 17, 57-63.	0.7	63
27	Pulmonary function abnormalities in children treated with whole lung irradiation. Pediatric Blood and Cancer, 2006, 46, 222-227.	1.5	54
28	Interpretative consequences of adopting the global lungs 2012 reference equations for spirometry for children and adolescents. Pediatric Pulmonology, 2014, 49, 118-125.	2.0	53
29	Noninvasive measurement of the tension-time index in children with neuromuscular disease. Journal of Applied Physiology, 2003, 95, 931-937.	2.5	48
30	Restoring Pulmonary and Sleep Services as the COVID-19 Pandemic Lessens. From an Association of Pulmonary, Critical Care, and Sleep Division Directors and American Thoracic Societyâ€"coordinated Task Force. Annals of the American Thoracic Society, 2020, 17, 1343-1351.	3.2	47
31	Rhesus Monkey (Macaca mulatta) Mucosal Antimicrobial Peptides Are Close Homologues of Human Molecules. Vaccine Journal, 2001, 8, 370-375.	2.6	44
32	Interval appendectomy in perforated appendicitis. Pediatric Surgery International, 1995, 10, 82.	1.4	41
33	Lung function over the first 3 years of life in children with congenital diaphragmatic hernia. Pediatric Pulmonology, 2015, 50, 896-907.	2.0	38
34	Provider and Patient Attitudes Regarding Sexual Health in Young Women With Cystic Fibrosis. Pediatrics, 2016, 137, .	2.1	38
35	Provider Attitudes and Practices toward Sexual and Reproductive Health Care for Young Women with Cystic Fibrosis. Journal of Pediatric and Adolescent Gynecology, 2017, 30, 546-552.	0.7	38
36	The p38 Mitogen-Activated Protein Kinase Signaling Pathway Is Coupled to Toll-Like Receptor 5 To Mediate Gene Regulation in Response toPseudomonas aeruginosaInfection in Human Airway Epithelial Cells. Infection and Immunity, 2007, 75, 5985-5992.	2.2	37

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37	Sexual and reproductive health care utilization and preferences reported by young women with cystic fibrosis. Journal of Cystic Fibrosis, 2018, 17, 64-70.	0.7	37
38	Preâ€transplant lung function is predictive of survival following pediatric bone marrow transplantation. Pediatric Blood and Cancer, 2010, 54, 454-460.	1.5	36
39	Human fetal trachea-scid mouse xenografts: efficacy of vesicular stomatitis virus-G pseudotyped lentiviral-mediated gene transfer. Journal of Pediatric Surgery, 2003, 38, 834-839.	1.6	29
40	Respiratory muscle function in infants with spinal muscular atrophy type I. Pediatric Pulmonology, 2014, 49, 1234-1242.	2.0	25
41	Cystic fibrosis program directorsâ€™ attitudes toward sexual and reproductive health in young women with CF. Pediatric Pulmonology, 2016, 51, 22-27.	2.0	23
42	Pseudomonas infection and mucociliary and absorptive clearance in the cystic fibrosis lung. European Respiratory Journal, 2016, 47, 1392-1401.	6.7	21
43	Deposition studies of aerosol delivery by nasal cannula to infants. Pediatric Pulmonology, 2019, 54, 1319-1325.	2.0	21
44	Advance care planning in adolescents with cystic fibrosis: A quality improvement project. Pediatric Pulmonology, 2016, 51, 1304-1310.	2.0	20
45	Nitrogen back-diffusion during multiple-breath washout with 100% oxygen. European Respiratory Journal, 2017, 50, 1700679.	6.7	18
46	Difference between SF₆ and N₂ multiple breath washout kinetics is due to N₂ back diffusion and error in N₂ offset. Journal of Applied Physiology, 2018, 125, 1257-1265.	2.5	18
47	Tracheal schwannoma presenting as status asthmaticus in a sixteen-year-old boy: airway considerations and removal with the CO2 laser. , 1998, 25, 393-397.		16
48	Elevated sweat chloride concentration in children without cystic fibrosis who are receiving topiramate therapy. Pediatric Pulmonology, 2012, 47, 429-433.	2.0	13
49	Infant pulmonary function testing. Current Opinion in Pediatrics, 2003, 15, 316-322.	2.0	11
50	False-Positive and False-Negative Sweat Tests: Systematic Review of the Evidence. Pediatric, Allergy, Immunology, and Pulmonology, 2015, 28, 198-211.	0.8	11
51	Sirolimusâ€induced interstitial lung disease following pediatric stem cell transplantation. Pediatric Transplantation, 2015, 19, E75-7.	1.0	11
52	Nutritional status and lung function in children with pancreatic-sufficient cystic fibrosis. Journal of Cystic Fibrosis, 2022, 21, 769-776.	0.7	11
53	Changes in gastric pressure and volume during mechanical inâ€exsufflation. Pediatric Pulmonology, 2013, 48, 824-829.	2.0	9
54	Radiation exposure from diagnostic imaging in the pediatric intensive care unit. Pediatric Critical Care Medicine, 2012, 13, e245-e248.	0.5	8

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55	Impact of Respiratory Developmental Stage on Sensitivity to Late Effects of Radiation in Pediatric Cancer Survivors. Advances in Radiation Oncology, 2020, 5, 426-433.	1.2	7
56	Correlating objective echocardiographic parameters in patients with pulmonary hypertension due to bronchopulmonary dysplasia. Journal of Perinatology, 2019, 39, 1282-1290.	2.0	5
57	Multiprobe Nuclear Imaging of the Cystic Fibrosis Lung as a Biomarker of Therapeutic Effect. Journal of Aerosol Medicine and Pulmonary Drug Delivery, 2019, 32, 242-249.	1.4	5
58	Caring for gender diverse youth with cystic fibrosis. Journal of Cystic Fibrosis, 2020, 19, 1018-1020.	0.7	5
59	Heated, Humidified High-Flow Nasal Cannula Therapy. Pediatrics, 2008, 121, 1293-1294.	2.1	4
60	Perception of Pulmonary Function in Children with Asthma and Cystic Fibrosis. Pediatric, Allergy, Immunology, and Pulmonology, 2018, 31, 139-145.	0.8	3
61	Respiratory Tract Infections in Cystic Fibrosis. Pediatric Annals, 2002, 31, 116-123.	0.8	3
62	Late presentation of congenital diaphragmatic hernia in patients with cystic fibrosis. Pediatric Pulmonology, 2010, 45, 403-405.	2.0	2
63	Ethnically Diverse Normative Data for Diffusing Capacity and Lung Volumes: Another Research Priority. Annals of the American Thoracic Society, 2020, 17, 128-128.	3.2	2
64	The effects of highâ€frequency chest compression on endâ€tidal CO₂. Pediatric Pulmonology, 2020, 55, 646-648.	2.0	2
65	Pulmonary Effects of Antineoplastic Therapy. Pediatric Oncology, 2015, , 201-227.	0.5	2
66	Ventriculoperitoneal Shunt Obstruction Presenting as Apnea and Bradycardia. Pediatric Neurosurgery, 1998, 29, 52-52.	0.7	1
67	Resonant frequency does not predict highâ€frequency chest compression settings that maximize airflow or volume. Pediatric Pulmonology, 2011, 46, 604-609.	2.0	1
68	Forced deflation pulmonary function test: a novel method to evaluate lung function in infants and young children. Pediatric Blood and Cancer, 2017, 64, e26356.	1.5	1
69	Pancreatic Cystosis and Intrahepatic Biliopathy in a Young Adult with Cystic Fibrosis. Journal of Pediatrics, 2018, 203, 457-457.e1.	1.8	1
70	Comment on Comparison of lung clearance index determined by washout of N2 and SF6 in infants and preschool children with cystic fibrosis. Journal of Cystic Fibrosis, 2019, 18, e26-e27.	0.7	1
71	Mucociliary Clearance Scans Show Infants Undergoing Congenital Cardiac Surgery Have Poor Airway Clearance Function. Frontiers in Cardiovascular Medicine, 2021, 8, 652158.	2.4	1
72	Measurement of Forced Expiratory Flows and Lung Volumes. NeoReviews, 2004, 5, e202-e207.	0.8	0

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73	Pulmonary Disease in the Pediatric Patient with Acquired Immunodeficiency States. , 2012, , 899-919.		0
74	Pulmonary Complications of Solid Organ Transplantation. Respiratory Medicine, 2018, , 281-295.	0.1	0
75	Reply to Johnson: Improve Pulmonary Function Test Reporting. American Journal of Respiratory and Critical Care Medicine, 2018, 198, 138-139.	5.6	0
76	Pulmonary Disease in the Pediatric Patient With Acquired Immunodeficiency States. , 2019, , 923-943.e7.		0
77	Respiratory Failure in Children. , 2005, , 208-222.		0
78	Pulmonary Function Testing. , 2007, , 506-511.		0
79	Pilot study of nuclear scintigraphy to assess cough clearance in DMD. Pediatric Pulmonology, 2022, 57, 1776-1778.	2.0	0