Geovanny F Perez

List of Publications by Year
in descending order

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48 papers	714 citations	566801 15 h-index	642321 23 g-index
54 all docs	54 docs citations	54 times ranked	1172 citing authors

#	Article	IF	Citations
1	Dynamic PEEP Study: A Non-invasive Diagnostic Exam to Assess for Effective PEEP in Children with Severe BPD. Lung, 2022, 200, 59-65.	1.4	5
2	Measuring the impact of an empiric antibiotic algorithm for pulmonary exacerbation in children and young adults with cystic fibrosis. Pediatric Pulmonology, 2022, , .	1.0	3
3	Authorsâ€™ Response: CT Scan Using a Dynamic PEEP Protocol to Assess Optimal PEEP Level in Infants with Bronchopulmonary Dysplasia: A Few Unresolved Issues. Lung, 2022, 200, 279-281.	1.4	3
4	Communication skills among children with spinal muscular atrophy type 1: A parent survey. Assistive Technology, 2021, 33, 38-48.	1.2	11
5	Decrease in Respiratory Related Hospitalizations in Tracheostomy-Dependent Children Who Tolerate Passy-Muir Valve Use. Annals of Otology, Rhinology and Laryngology, 2021, 130, 623-628.	0.6	4
6	Costâ€effectiveness analysis of phenotypicâ€guided versus guidelinesâ€guided bronchodilator therapy in viral bronchiolitis. Pediatric Pulmonology, 2021, 56, 187-195.	1.0	4
7	Airway Remodeling Factors During Early-Life Rhinovirus Infection and the Effect of Premature Birth. Frontiers in Pediatrics, 2021, 9, 610478.	0.9	11
8	Genes, environment, and developmental timing: New insights from translational approaches to understand early origins of respiratory diseases. Pediatric Pulmonology, 2021, 56, 3157-3165.	1.0	4
9	A Generic Approach to Lung Field Segmentation From Chest Radiographs Using Deep Space and Shape Learning. IEEE Transactions on Biomedical Engineering, 2020, 67, 1206-1220.	2.5	13
10	TSLP Production in the Human Infant Airway Epithelium and Clinical Relevance during Viral Respiratory Infections. American Journal of Respiratory Cell and Molecular Biology, 2020, 62, 115-117.	1.4	8
11	Bedside clinical assessment predicts recurrence after hospitalization due to viral lower respiratory tract infection in young children. Journal of Investigative Medicine, 2020, 68, 756-761.	0.7	4
12	Airway microbial diversity is decreased in young children with cystic fibrosis compared to healthy controls but improved with CFTR modulation. Heliyon, 2020, 6, e04104.	1.4	11
13	Innate IFNâ€lambda responses to dsRNA in the human infant airway epithelium and clinical regulatory factors during viral respiratory infections in early life. Clinical and Experimental Allergy, 2020, 50, 1044-1054.	1.4	13
14	Peak Cough Flow in Children with Neuromuscular Disorders. Lung, 2020, 198, 371-375.	1.4	13
15	Validation of a new predictive model to improve risk stratification in bronchopulmonary dysplasia. Scientific Reports, 2020, 10, 613.	1.6	7
16	Phenotypical Sub-setting of the First Episode of Severe Viral Respiratory Infection Based on Clinical Assessment and Underlying Airway Disease: A Pilot Study. Frontiers in Pediatrics, 2020, 8, 121.	0.9	12
17	Airway mir-155 responses are associated with TH1 cytokine polarization in young children with viral respiratory infections. PLoS ONE, 2020, 15, e0233352.	1.1	22
18	Changes in microbiome diversity following beta-lactam antibiotic treatment are associated with therapeutic versus subtherapeutic antibiotic exposure in cystic fibrosis. Scientific Reports, 2019, 9, 2534.	1.6	17

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19	Heterogeneity in the Diagnostic Criteria Physicians Use in Pediatric Asthma. Annals of the American Thoracic Society, 2019, 16, 148-150.	1.5	2
20	Asthma is associated with increased probability of needing CPAP in children with severe obstructive sleep apnea. Pediatric Pulmonology, 2019, 54, 342-347.	1.0	13
21	Characterization of Sex-Based Dna Methylation Signatures in the Airways During Early Life. Scientific Reports, 2018, 8, 5526.	1.6	12
22	MRI determination of volumes for the upper airway and pharyngeal lymphoid tissue in preterm and term infants. Clinical Imaging, 2018, 50, 51-56.	0.8	10
23	Imaging findings of Copa syndrome in a 12-year-old boy. Pediatric Radiology, 2018, 48, 279-282.	1.1	32
24	Clinical Definition of Respiratory Viral Infections in Young Children and Potential Bronchiolitis Misclassification. Journal of Investigative Medicine, 2018, 66, 46-51.	0.7	20
25	Phenotypical characterization of human rhinovirus infections in severely premature children. Pediatrics and Neonatology, 2018, 59, 244-250.	0.3	6
26	Pulmonary inflammatory myofibroblastic tumour misdiagnosed as a round pneumonia. BMJ Case Reports, 2018, 2018, bcr-2017-224091.	0.2	2
27	Antibiotic multidrug resistance in the cystic fibrosis airway microbiome is associated with decreased diversity. Heliyon, 2018, 4, e00795.	1.4	31
28	Benchmark Evaluation of True Single Molecular Sequencing to Determine Cystic Fibrosis Airway Microbiome Diversity. Frontiers in Microbiology, 2018, 9, 1069.	1.5	7
29	Relationship of Pulmonary Outcomes, Microbiology, and Serum Antibiotic Concentrations in Cystic Fibrosis Patients. Journal of Pediatric Pharmacology and Therapeutics, 2018, 23, 379-389.	0.3	8
30	Marginal shape deep learning: applications to pediatric lung field segmentation. Proceedings of SPIE, 2017, 10133, .	0.8	7
31	Nasopharyngeal Microbiome in Premature Infants and Stability during Rhinovirus Infection. Journal of Investigative Medicine, 2017, 65, 984-990.	0.7	16
32	Conditional reprogramming of pediatric airway epithelial cells: A new human model to investigate earlyâ€life respiratory disorders. Pediatric Allergy and Immunology, 2017, 28, 810-817.	1.1	30
33	Antibiotic Use by Pediatric Residents: Identifying Opportunities and Strategies for Antimicrobial Stewardship. Hospital Pediatrics, 2017, 7, 553-558.	0.6	9
34	Age-Related Effect of Viral-Induced Wheezing in Severe Prematurity. Children, 2016, 3, 19.	0.6	5
35	Airway Secretory microRNAome Changes during Rhinovirus Infection in Early Childhood. PLoS ONE, 2016, 11, e0162244.	1.1	48
36	Different next generation sequencing platforms produce different microbial profiles and diversity in cystic fibrosis sputum. Journal of Microbiological Methods, 2016, 130, 95-99.	0.7	39

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37	Premature Infants Rehospitalized because of an Apparent Life-Threatening Event Had Distinctive Autonomic Developmental Trajectories. American Journal of Respiratory and Critical Care Medicine, 2016, 194, 379-381.	2.5	17
38	Automatic tissue characterization of air trapping in chest radiographs using deep neural networks. , 2016, 2016, 97-100.		6
39	Human Metapneumovirus Infection is Associated with Severe Respiratory Disease in Preschool Children with History of Prematurity. Pediatrics and Neonatology, 2016, 57, 27-34.	0.3	16
40	Severity quantification of pediatric viral respiratory illnesses in chest X-ray images. , 2015, 2015, 165-8.		8
41	Rhinovirus-Induced Airway Disease: A Model to Understand the Antiviral and Th2 Epithelial Immune Dysregulation in Childhood Asthma. Journal of Investigative Medicine, 2015, 63, 792-795.	0.7	9
42	Rhinovirusâ€induced airway cytokines and respiratory morbidity in severely premature children. Pediatric Allergy and Immunology, 2015, 26, 145-152.	1.1	37
43	Premature infants have impaired airway antiviral IFNÎ³ responses to human metapneumovirus compared to respiratory syncytial virus. Pediatric Research, 2015, 78, 389-394.	1.1	26
44	Characterization of Cytomegalovirus Lung Infection in Non-HIV Infected Children. Viruses, 2014, 6, 2038-2051.	1.5	27
45	Rhinovirus infection in young children is associated with elevated airway TSLP levels. European Respiratory Journal, 2014, 44, 1075-1078.	3.1	45
46	The Link between Rhinitis and Rapid-Eye-Movement Sleep Breathing Disturbances in Children with Obstructive Sleep Apnea. American Journal of Rhinology and Allergy, 2014, 28, e56-e61.	1.0	16
47	Directional Secretory Response of Double Stranded RNA-Induced Thymic Stromal Lymphopoetin (TSLP) and CCL11/Eotaxin-1 in Human Asthmatic Airways. PLoS ONE, 2014, 9, e115398.	1.1	34
48	Oximetry Signal Processing Identifies REM Sleep-Related Vulnerability Trait in Asthmatic Children. Sleep Disorders, 2013, 2013, 1-6.	0.8	10