

Kathryn A Ramsey

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9371543/publications.pdf>

Version: 2024-02-01

74
papers

1,539
citations

361413

20
h-index

330143

37
g-index

78
all docs

78
docs citations

78
times ranked

1922
citing authors

#	ARTICLE	IF	CITATIONS
1	Association of lung clearance index with survival in individuals with cystic fibrosis. <i>European Respiratory Journal</i> , 2022, 59, 2100432.	6.7	3
2	Are children born by cesarean delivery at higher risk for respiratory sequelae?. <i>American Journal of Obstetrics and Gynecology</i> , 2022, 226, 257.e1-257.e11.	1.3	4
3	Quality of life is poorly correlated to lung disease severity in school-aged children with cystic fibrosis. <i>Journal of Cystic Fibrosis</i> , 2022, 21, e188-e203.	0.7	3
4	Impact of Spiroware re-analysis method on multiple-breath washout outcomes in children with cystic fibrosis. <i>Journal of Cystic Fibrosis</i> , 2022, 21, e208-e209.	0.7	6
5	Multiple breath washout quality control in the clinical setting. <i>Pediatric Pulmonology</i> , 2021, 56, 105-112.	2.0	18
6	The impact of segmentation on whole-€lung functional MRI quantification: Repeatability and reproducibility from multiple human observers and an artificial neural network. <i>Magnetic Resonance in Medicine</i> , 2021, 85, 1079-1092.	3.0	16
7	Shedding light into the black box of infant multiple-€breath washout. <i>Pediatric Pulmonology</i> , 2021, 56, 2642-2653.	2.0	2
8	Respiratory symptoms do not reflect functional impairment in early CF lung disease. <i>Journal of Cystic Fibrosis</i> , 2021, 20, 957-964.	0.7	1
9	Early surveillance of infants and preschool children with cystic fibrosis. <i>Current Opinion in Physiology</i> , 2021, 22, 100443.	1.8	0
10	Correction of sensor crosstalk error in Exhalyzer D multiple-breath washout device significantly impacts outcomes in children with cystic fibrosis. <i>Journal of Applied Physiology</i> , 2021, 131, 1148-1156.	2.5	55
11	Longitudinal course of clinical lung clearance index in children with cystic fibrosis. <i>European Respiratory Journal</i> , 2021, 58, 2002686.	6.7	33
12	Airway Mucus Hyperconcentration in Non-€Cystic Fibrosis Bronchiectasis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 201, 661-670.	5.6	64
13	Normative data for multiple breath washout outcomes in school-aged Caucasian children. <i>European Respiratory Journal</i> , 2020, 55, 1901302.	6.7	79
14	Effect of breastfeeding duration on lung function, respiratory symptoms and allergic diseases in school-€age children. <i>Pediatric Pulmonology</i> , 2020, 55, 1448-1455.	2.0	11
15	Does the mode of delivery influence respiratory outcomes in the first year of life?. , 2020, , .		1
16	Lung clearance index and functional MRI outcomes to assess lung disease in preschool children with cystic fibrosis. , 2020, , .		1
17	Longitudinal course of clinically measured lung clearance index in children with cystic fibrosis. , 2020, , .		3
18	Feasibility of unsedated lung MRI in preschoolers with Cystic fibrosis - a comparison to lung function. , 2020, , .		2

#	ARTICLE	IF	CITATIONS
19	Outcome differences in multiple-breath washout devices are explained primarily by sensor characteristics. , 2020, , .		1
20	New method for quantification of ventilation and perfusion defects from functional lung MRI in children with Cystic fibrosis. , 2020, , .		0
21	Shedding light into the black box of infant multiple-breath washout. , 2020, , .		0
22	Endotracheal tube mucus as a source of airway mucus for rheological study. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2019, 317, L498-L509.	2.9	42
23	Nasal Resistome Development in Infants With Cystic Fibrosis in the First Year of Life. Frontiers in Microbiology, 2019, 10, 212.	3.5	10
24	Withinâ€breath changes in respiratory system impedance in children with cystic fibrosis. Pediatric Pulmonology, 2019, 54, 737-742.	2.0	10
25	Mucus accumulation in the lungs precedes structural changes and infection in children with cystic fibrosis. Science Translational Medicine, 2019, 11, .	12.4	146
26	Singleâ€breath washout and association with structural lung disease in children with cystic fibrosis. Pediatric Pulmonology, 2019, 54, 587-594.	2.0	7
27	Ventilation and perfusion assessed by functional MRI in children with CF: reproducibility in comparison to lung function. Journal of Cystic Fibrosis, 2019, 18, 543-550.	0.7	32
28	Nasal Microbiota and Respiratory Tract Infections: The Role of Viral Detection. American Journal of Respiratory and Critical Care Medicine, 2019, 199, 919-922.	5.6	12
29	Novel capnographic indices estimate ventilation inhomogeneity similarly to Lung Clearance Index. , 2019, , .		0
30	Inter-reader variation in lung segmentation of functional lung MRI quantification. , 2019, , .		1
31	Simplified quality control criteria for the multiple breath washout technique. , 2019, , .		0
32	Lung clearance index tracks from preschool to school age in children with cystic fibrosis. , 2019, , .		0
33	Late Breaking Abstract - Association of lung clearance index with survival in patients with cystic fibrosis. , 2019, , .		0
34	Preschool Multiple-Breath Washout Testing. An Official American Thoracic Society Technical Statement. American Journal of Respiratory and Critical Care Medicine, 2018, 197, e1-e19.	5.6	92
35	Leaks during multiple-breath washout: characterisation and influence on outcomes. ERJ Open Research, 2018, 4, 00012-2017.	2.6	9
36	Effect of intermittent inspiratory leaks on measurement of lung clearance index using nitrogen and sulfur hexafluoride. ERJ Open Research, 2018, 4, 00140-2018.	2.6	0

#	ARTICLE	IF	CITATIONS
37	Structural and Functional Lung Impairment in Primary Ciliary Dyskinesia. Assessment with Magnetic Resonance Imaging and Multiple Breath Washout in Comparison to Spirometry. <i>Annals of the American Thoracic Society</i> , 2018, 15, 1434-1442.	3.2	36
38	Alternate gas washout indices: Assessment of ventilation inhomogeneity in mild to moderate pediatric cystic fibrosis lung disease. <i>Pediatric Pulmonology</i> , 2018, 53, 1485-1491.	2.0	5
39	The clinical utility of lung clearance index in early cystic fibrosis lung disease is not impacted by the number of multiple-breath washout trials. <i>ERJ Open Research</i> , 2018, 4, 00094-2017.	2.6	10
40	Repeatability of ventilation and perfusion assessment by functional MRI in children with CF. , 2018, , .		1
41	Airways mucus pathogenesis in patients with non-cystic fibrosis bronchiectasis. , 2018, , .		4
42	The Swiss Cystic Fibrosis Infant Lung Development (SCILD) cohort. <i>Swiss Medical Weekly</i> , 2018, 148, w14618.	1.6	11
43	Possible predictors for allergic sensitization at school age in umbilical cord blood, a prospective birth cohort study. , 2018, , .		0
44	Normative data for the new setup of the SF6 multiple-breath washout in unsedated infants. , 2018, , .		0
45	Multiple Breath Washout in clinical routine: Quality control of N2MBW measurements in paediatric lung transplant recipients. , 2018, , .		0
46	Short- and mid-term reproducibility of lung clearance index in children with cystic fibrosis and healthy controls. , 2018, , .		0
47	End-inspiratory molar mass step correction for analysis of infant multiple breath washout tests. <i>Pediatric Pulmonology</i> , 2017, 52, 10-13.	2.0	2
48	Effect of posture on lung ventilation distribution and associations with structure in children with cystic fibrosis. <i>Journal of Cystic Fibrosis</i> , 2017, 16, 713-718.	0.7	12
49	Multiple-Breath Washout Outcomes Are Sensitive to Inflammation and Infection in Children with Cystic Fibrosis. <i>Annals of the American Thoracic Society</i> , 2017, 14, 1436-1442.	3.2	30
50	The effect of 100% oxygen on tidal breathing parameters in preschool children. <i>European Respiratory Journal</i> , 2017, 49, 1601959.	6.7	5
51	Air trapping in early cystic fibrosis lung disease-Does CT tell the full story?. <i>Pediatric Pulmonology</i> , 2017, 52, 1150-1156.	2.0	19
52	Elucidating progression of early cystic fibrosis lung disease. <i>European Respiratory Journal</i> , 2017, 50, 1701916.	6.7	4
53	Air pollution during pregnancy and lung development in the child. <i>Paediatric Respiratory Reviews</i> , 2017, 21, 38-46.	1.8	117
54	A Systematic Approach to Multiple Breath Nitrogen Washout Test Quality. <i>PLoS ONE</i> , 2016, 11, e0157523.	2.5	51

#	ARTICLE	IF	CITATIONS
55	Respiratory infection rates differ between geographically distant paediatric cystic fibrosis cohorts. ERJ Open Research, 2016, 2, 00014-2016.	2.6	6
56	Mucin Agarose Gel Electrophoresis: Western Blotting for High-molecular-weight Glycoproteins. Journal of Visualized Experiments, 2016, , .	0.3	23
57	Lung Clearance Index and Structural Lung Disease on Computed Tomography in Early Cystic Fibrosis. American Journal of Respiratory and Critical Care Medicine, 2016, 193, 60-67.	5.6	144
58	Ability of the lung clearance index to monitor progression of early lung disease in children with cystic fibrosis. , 2016, , .		0
59	Arsenic and Respiratory Disease. , 2015, , 335-347.		3
60	Biomarkers in Paediatric Cystic Fibrosis Lung Disease. Paediatric Respiratory Reviews, 2015, 16, 213-218.	1.8	19
61	Progressive ventilation inhomogeneity in infants with cystic fibrosis after pulmonary infection. European Respiratory Journal, 2015, 46, 1680-1690.	6.7	42
62	Impact of lung disease on respiratory impedance in young children with cystic fibrosis. European Respiratory Journal, 2015, 46, 1672-1679.	6.7	24
63	Ability of the lung clearance index to detect inflammation and infection in preschool children with cystic fibrosis. , 2015, , .		0
64	Statistical properties of clinical trial outcome measures in pre-school aged children with cystic fibrosis. , 2015, , .		0
65	The effect of hyperoxia on tidal breathing in preschool children. , 2015, , .		0
66	Interpretation of lung function in infants and young children with cystic fibrosis. Respirology, 2014, 19, 792-799.	2.3	16
67	Early Respiratory Infection Is Associated with Reduced Spirometry in Children with Cystic Fibrosis. American Journal of Respiratory and Critical Care Medicine, 2014, 190, 1111-1116.	5.6	142
68	Emerging Early Life Environmental Exposures and Lung Development. Journal of Environmental Immunology and Toxicology, 2014, 2, 14.	1.1	0
69	In utero exposure to low dose arsenic via drinking water impairs early life lung mechanics in mice. BMC Pharmacology & Toxicology, 2013, 14, 13.	2.4	34
70	<i>In Utero</i> Exposure to Arsenic Alters Lung Development and Genes Related to Immune and Mucociliary Function in Mice. Environmental Health Perspectives, 2013, 121, 244-250.	6.0	38
71	Early Life Arsenic Exposure and Acute and Long-term Responses to Influenza A Infection in Mice. Environmental Health Perspectives, 2013, 121, 1187-1193.	6.0	46
72	Stepwise Changes In Lung Function And Growth With Age In Mice. , 2011, , .		0

#	ARTICLE	IF	CITATIONS
73	Early Life Exposure To Arsenic And Influenza Has Additive Effects On Lung Function Impairment. , 2010, ,		0
74	Fiber-type dependence of stretch-induced force enhancement in rat skeletal muscle. Muscle and Nerve, 2010, 42, 769-777.	2.2	27