

Brody H Foy

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

592
citations

1039880

9
h-index

940416

16
g-index

16
all docs

16
docs citations

16
times ranked

943
citing authors

#	ARTICLE	IF	CITATIONS
1	In asthma positive phase III slopes can result from structural heterogeneity of the bronchial tree. <i>Journal of Applied Physiology</i> , 2022, 132, 947-955.	1.2	2
2	Analysing the predictive capacity and dose-response of wellness in load monitoring. <i>Journal of Sports Sciences</i> , 2021, 39, 1339-1347.	1.0	7
3	Comparing COVID-19 vaccine allocation strategies in India: A mathematical modelling study. <i>International Journal of Infectious Diseases</i> , 2021, 103, 431-438.	1.5	178
4	Prolonged Intubation in Patients With Prior Cerebrovascular Disease and COVID-19. <i>Frontiers in Neurology</i> , 2021, 12, 642912.	1.1	7
5	Data-driven physiologic thresholds for iron deficiency associated with hematologic decline. <i>American Journal of Hematology</i> , 2020, 95, 302-309.	2.0	11
6	Association of Red Blood Cell Distribution Width With Mortality Risk in Hospitalized Adults With SARS-CoV-2 Infection. <i>JAMA Network Open</i> , 2020, 3, e2022058.	2.8	184
7	Proning reduces ventilation heterogeneity in patients with elevated BMI: implications for COVID-19 pneumonia management?. <i>ERJ Open Research</i> , 2020, 6, 00292-2020.	1.1	6
8	Increased ventilation heterogeneity in asthma can be attributed to proximal bronchioles. <i>European Respiratory Journal</i> , 2020, 55, 1901345.	3.1	10
9	Characterising the role of small airways in severe asthma using low frequency forced oscillations: A combined computational and clinical approach. <i>Respiratory Medicine</i> , 2020, 170, 106022.	1.3	2
10	Unraveling Disease Pathophysiology with Mathematical Modeling. <i>Annual Review of Pathology: Mechanisms of Disease</i> , 2020, 15, 371-394.	9.6	6
11	Lung Computational Models and the Role of the Small Airways in Asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 200, 982-991.	2.5	91
12	Functional CT imaging for identification of the spatial determinants of small-airways disease in adults with asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 144, 83-93.	1.5	34
13	A computationally tractable scheme for simulation of the human pulmonary system. <i>Journal of Computational Physics</i> , 2019, 388, 371-393.	1.9	7
14	Modelling the effect of gravity on inert-gas washout outputs. <i>Physiological Reports</i> , 2018, 6, e13709.	0.7	13
15	A computational comparison of the multiple-breath washout and forced oscillation technique as markers of bronchoconstriction. <i>Respiratory Physiology and Neurobiology</i> , 2017, 240, 61-69.	0.7	21
16	Modelling responses of the inert-gas washout and MRI to bronchoconstriction. <i>Respiratory Physiology and Neurobiology</i> , 2017, 235, 8-17.	0.7	13