

Chad C Wiggins

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

2,196
citations

623734

14
h-index

501196

28
g-index

40
all docs

40
docs citations

40
times ranked

3708
citing authors

#	ARTICLE	IF	CITATIONS
1	AI-Enabled Advanced Development for Assessing Low Circulating Blood Volume for Emergency Medical Care: Comparison of Compensatory Reserve Machine-Learning Algorithms. <i>Sensors</i> , 2022, 22, 2642.	3.8	5
2	Central hemodynamic response during submaximal and exhaustive exercise in humans with high affinity hemoglobin and compensatory polycythemia. <i>FASEB Journal</i> , 2022, 36, .	0.5	0
3	Muscle oxygenation during normoxic and hypoxic cycling exercise in humans with high affinity haemoglobin. <i>Experimental Physiology</i> , 2022, 107, 854-863.	2.0	2
4	Body position does not influence muscle oxygenation during submaximal cycling. <i>Translational Sports Medicine</i> , 2021, 4, 193-203.	1.1	1
5	Experiments of nature and within species comparative physiology. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2021, 253, 110864.	1.8	6
6	Convalescent Plasma for Infectious Diseases: Historical Framework and Use in COVID-19. <i>Clinical Microbiology Newsletter</i> , 2021, 43, 23-32.	0.7	29
7	Convalescent Plasma Antibody Levels and the Risk of Death from Covid-19. <i>New England Journal of Medicine</i> , 2021, 384, 1015-1027.	27.0	438
8	The Oxygen Cascade During Exercise in Health and Disease. <i>Mayo Clinic Proceedings</i> , 2021, 96, 1017-1032.	3.0	16
9	Technological advances in elite marathon performance. <i>Journal of Applied Physiology</i> , 2021, 130, 2002-2008.	2.5	39
10	The Effect of Convalescent Plasma Therapy on Mortality Among Patients With COVID-19: Systematic Review and Meta-analysis. <i>Mayo Clinic Proceedings</i> , 2021, 96, 1262-1275.	3.0	129
11	Use of convalescent plasma in COVID-19 patients with immunosuppression. <i>Transfusion</i> , 2021, 61, 2503-2511.	1.6	70
12	Convalescent Plasma Therapy for COVID-19: A Graphical Mosaic of the Worldwide Evidence. <i>Frontiers in Medicine</i> , 2021, 8, 684151.	2.6	50
13	Mortality in individuals treated with COVID-19 convalescent plasma varies with the geographic provenance of donors. <i>Nature Communications</i> , 2021, 12, 4864.	12.8	49
14	Measurement of muscle blood flow and O2 uptake via near-infrared spectroscopy using a novel occlusion protocol. <i>Scientific Reports</i> , 2021, 11, 918.	3.3	11
15	Ventilatory Responsiveness during Exercise and Performance Impairment in Acute Hypoxia. <i>Medicine and Science in Sports and Exercise</i> , 2021, 53, 295-305.	0.4	3
16	Influence of High Hemoglobin-Oxygen Affinity on Humans During Hypoxia. <i>Frontiers in Physiology</i> , 2021, 12, 763933.	2.8	19
17	The Role of Disease Severity and Demographics in the Clinical Course of COVID-19 Patients Treated With Convalescent Plasma. <i>Frontiers in Medicine</i> , 2021, 8, 707895.	2.6	3
18	Access to and safety of COVID-19 convalescent plasma in the United States Expanded Access Program: A national registry study. <i>PLoS Medicine</i> , 2021, 18, e1003872.	8.4	43

#	ARTICLE	IF	CITATIONS
19	Influence of high affinity haemoglobin on the response to normoxic and hypoxic exercise. <i>Journal of Physiology</i> , 2020, 598, 1475-1490.	2.9	31
20	Bronchopulmonary dysplasia patients have preserved CT-measured central airway luminal area. <i>Respiratory Medicine</i> , 2020, 170, 106071.	2.9	1
21	Recruitment Strategy for Potential COVID-19 Convalescent Plasma Donors. <i>Mayo Clinic Proceedings</i> , 2020, 95, 2343-2349.	3.0	4
22	Safety Update. <i>Mayo Clinic Proceedings</i> , 2020, 95, 1888-1897.	3.0	364
23	Ergogenic Effect of Nitrate Supplementation: A Systematic Review and Meta-analysis. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 2250-2261.	0.4	66
24	Does the broad nature of sympathetic discharge affect our understanding regarding the impact of intermittent hypoxia on neurovascular transduction?. <i>Journal of Physiology</i> , 2020, 598, 2055-2057.	2.9	2
25	Warm-up exercise in human type 2 diabetes: is high-intensity exercise required?. <i>Journal of Applied Physiology</i> , 2020, 128, 225-226.	2.5	1
26	Sex differences in paediatric airway anatomy. <i>Experimental Physiology</i> , 2020, 105, 721-731.	2.0	21
27	Early safety indicators of COVID-19 convalescent plasma in 5000 patients. <i>Journal of Clinical Investigation</i> , 2020, 130, 4791-4797.	8.2	386
28	Comment on: "Sex Dimorphism of $V_{O_{2\max}}$ Trainability: A Systematic Review and Meta-analysis". <i>Sports Medicine</i> , 2020, 50, 1047-1048.	6.5	2
29	Day-to-Day Reproducibility of the Near-Infrared Spectroscopy Venous Occlusion Technique in Young Healthy Adults. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.5	0
30	Dissociating the effects of oxygen pressure and content on the control of breathing and acute hypoxic response. <i>Journal of Applied Physiology</i> , 2019, 127, 1622-1631.	2.5	14
31	Sex differences in large conducting airway anatomy. <i>Journal of Applied Physiology</i> , 2018, 125, 960-965.	2.5	75
32	Effect of Ischemic Preconditioning on Oxygen Uptake and Extraction Kinetics During Exercise in Normoxia and Hypoxia. <i>FASEB Journal</i> , 2018, 32, 909.8.	0.5	0