

Anthony J Rostron

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

1,520
citations

516561

16
h-index

580701

25
g-index

36
all docs

36
docs citations

36
times ranked

2514
citing authors

#	ARTICLE	IF	CITATIONS
1	Single-cell multi-omics analysis of the immune response in COVID-19. <i>Nature Medicine</i> , 2021, 27, 904-916.	15.2	452
2	COVID-19 and pneumothorax: a multicentre retrospective case series. <i>European Respiratory Journal</i> , 2020, 56, 2002697.	3.1	241
3	Effect of Noninvasive Respiratory Strategies on Intubation or Mortality Among Patients With Acute Hypoxemic Respiratory Failure and COVID-19. <i>JAMA - Journal of the American Medical Association</i> , 2022, 327, 546.	3.8	229
4	Biomarker-guided antibiotic stewardship in suspected ventilator-associated pneumonia (VAPrapid2): a randomised controlled trial and process evaluation. <i>Lancet Respiratory Medicine</i> , 2020, 8, 182-191.	5.2	65
5	Human lipopolysaccharide models provide mechanistic and therapeutic insights into systemic and pulmonary inflammation. <i>European Respiratory Journal</i> , 2020, 56, 1901298.	3.1	56
6	Hemodynamic Resuscitation With Arginine Vasopressin Reduces Lung Injury After Brain Death in the Transplant Donor. <i>Transplantation</i> , 2008, 85, 597-606.	0.5	49
7	Exposure of Monocytic Cells to Lipopolysaccharide Induces Coordinated Endotoxin Tolerance, Mitochondrial Biogenesis, Mitophagy, and Antioxidant Defenses. <i>Frontiers in Immunology</i> , 2018, 9, 2217.	2.2	45
8	Current Strategies in Donor Selection and Management. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2008, 20, 143-151.	0.4	44
9	Randomised controlled trial of GM-CSF in critically ill patients with impaired neutrophil phagocytosis. <i>Thorax</i> , 2018, 73, 918-925.	2.7	41
10	Activation of the hypothalamic-pituitary-adrenal axis by exogenous and endogenous GDF15. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	40
11	A case of acute humoral rejection in liver transplantation: successful treatment with plasmapheresis and mycophenolate mofetil. <i>Transplant International</i> , 2005, 18, 1298-1301.	0.8	30
12	Exchange protein directly activated by cyclic AMP (EPAC) activation reverses neutrophil dysfunction induced by Î²2-agonists, corticosteroids, and critical illness. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 137, 535-544.	1.5	28
13	Feasibility of conservative fluid administration and deresuscitation compared with usual care in critical illness: the Role of Active Deresuscitation After Resuscitation-2 (RADAR-2) randomised clinical trial. <i>Intensive Care Medicine</i> , 2022, 48, 190-200.	3.9	28
14	Pneumomediastinum in COVID-19: a phenotype of severe COVID-19 pneumonitis? The results of the UK POETIC survey. <i>European Respiratory Journal</i> , 2022, 60, 2102522.	3.1	26
15	COVID-19 pneumothorax in the UK: a prospective observational study using the ISARIC WHO clinical characterisation protocol. <i>European Respiratory Journal</i> , 2021, 58, 2100929.	3.1	21
16	Does pleurotomy during internal mammary artery harvest increase post-operative pulmonary complications?. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2005, 4, 143-146.	0.5	17
17	Does magnesium prophylaxis reduce the incidence of atrial fibrillation following coronary bypass surgery?. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2005, 4, 52-58.	0.5	15
18	Contribution of Toll-Like Receptor Activation to Lung Damage After Donor Brain Death. <i>Transplantation</i> , 2010, 90, 732-739.	0.5	15

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19	Paired Nasopharyngeal and Deep Lung Testing for Severe Acute Respiratory Syndrome Coronavirus-2 Reveals a Viral Gradient in Critically Ill Patients. <i>Chest</i> , 2021, 159, 1387-1390.	0.4	13
20	Towards an anatomically correct repair for anomalous left coronary artery arising from the pulmonary trunk. <i>Cardiology in the Young</i> , 2008, 18, 372-378.	0.4	7
21	Brain Stem Auditory Evoked Response for Confirmation of Brain Death in the Rat. <i>Transplantation</i> , 2008, 86, 745-746.	0.5	5
22	Mitochondrial DNA depletion induces innate immune dysfunction rescued by IFN- β . <i>Journal of Allergy and Clinical Immunology</i> , 2017, 140, 1461-1464.e8.	1.5	5
23	Hemodynamic resuscitation of the brain-dead organ donor and the potential role of vasopressin. <i>Transplantation Reviews</i> , 2007, 21, 34-42.	1.2	4
24	More research is required to understand factors influencing antibiotic prescribing in complex conditions like suspected ventilator-associated pneumonia. <i>Annals of Translational Medicine</i> , 2020, 8, 840-840.	0.7	4
25	Phosphoinositide 3-Kinase $\hat{\gamma}$ Inhibition Improves Neutrophil Bacterial Killing in Critically Ill Patients at High Risk of Infection. <i>Journal of Immunology</i> , 2021, 207, 1776-1784.	0.4	3
26	Development and implementation of a customised rapid syndromic diagnostic test for severe pneumonia. <i>Wellcome Open Research</i> , 0, 6, 256.	0.9	2
27	Development and implementation of a customised rapid syndromic diagnostic test for severe pneumonia. <i>Wellcome Open Research</i> , 0, 6, 256.	0.9	2
28	The Clinical Need for New Diagnostics in the Identification and Management of Patients with Suspected Sepsis in UK NHS Hospitals: A Survey of Healthcare Professionals. <i>Antibiotics</i> , 2020, 9, 737.	1.5	1
29	Does deflating the lungs and sawing from the xiphisternum reduce the chance of accidental pleurotomy during sternotomy?. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2005, 4, 272-274.	0.5	0
30	Activation and Modulation of Cardiac Poly-Adenosine Diphosphate Ribose Polymerase Activity in a Rat Model of Brain Death. <i>Transplantation</i> , 2008, 85, 1348-1350.	0.5	0
31	Should We Tip Our CAPs to Statins?. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 200, 1204-1206.	2.5	0
32	Response. <i>Chest</i> , 2021, 159, 1681-1682.	0.4	0