Otavio T Ranzani

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/4634986/publications.pdf

Version: 2024-02-01

137 papers 4,787 citations

35 h-index 61 g-index

152 all docs

 $\begin{array}{c} 152 \\ \text{docs citations} \end{array}$

152 times ranked

6907 citing authors

#	Article	IF	CITATIONS
1	Prediction of ventilator-associated pneumonia outcomes according to the early microbiological response: a retrospective observational study. European Respiratory Journal, 2022, 59, 2100620.	6.7	3
2	Vaccine effectiveness of ChAdOx1 nCoV-19 against COVID-19 in a socially vulnerable community in Rio de Janeiro, Brazil: a test-negative design study. Clinical Microbiology and Infection, 2022, 28, 736.e1-736.e4.	6.0	9
3	Booster doses for inactivated COVID-19 vaccines: if, when, and for whom. Lancet Infectious Diseases, The, 2022, 22, 430-432.	9.1	15
4	Vaccine effectiveness of ChAdOx1 nCoV-19 against COVID-19 in a socially vulnerable community in Rio de Janeiro, Brazil: author's response. Clinical Microbiology and Infection, 2022, 28, 1166-1167.	6.0	4
5	Effectiveness of CoronaVac, ChAdOx1 nCoV-19, BNT162b2, and Ad26.COV2.S among individuals with previous SARS-CoV-2 infection in Brazil: a test-negative, case-control study. Lancet Infectious Diseases, The, 2022, 22, 791-801.	9.1	84
6	Use of Recently Vaccinated Individuals to Detect Bias in Test-Negative Case–Control Studies of COVID-19 Vaccine Effectiveness. Epidemiology, 2022, 33, 450-456.	2.7	13
7	Phrenic Nerve Block and Respiratory Effort in Pigs and Critically Ill Patients with Acute Lung Injury. Anesthesiology, 2022, 136, 763-778.	2.5	O
8	Association of ambient and household air pollution with lung function in young adults in an peri-urban area of South-India: A cross-sectional study. Environment International, 2022, 165, 107290.	10.0	4
9	Spatial and temporal fluctuations in COVID-19 fatality rates in Brazilian hospitals. Nature Medicine, 2022, 28, 1476-1485.	30.7	24
10	Characteristics and outcomes of autologous hematopoietic stem cell transplant recipients admitted to intensive care units: A multicenter study. Journal of Critical Care, 2022, 71, 154077.	2.2	1
11	One Health and surveillance of zoonotic tuberculosis in selected low-income, middle-income and high-income countries: A systematic review. PLoS Neglected Tropical Diseases, 2022, 16, e0010428.	3.0	9
12	Ventilator-associated pneumonia. Intensive Care Medicine, 2022, 48, 1222-1226.	8.2	10
13	Defining pathways to healthy sustainable urban development. Environment International, 2021, 146, 106236.	10.0	81
14	Validation of a Prediction Score for Drug-Resistant Microorganisms in Community-acquired Pneumonia. Annals of the American Thoracic Society, 2021, 18, 257-265.	3.2	18
15	Noninvasive ventilation in critically ill very old patients with pneumonia: A multicenter retrospective cohort study. PLoS ONE, 2021, 16, e0246072.	2.5	5
16	Increasing tuberculosis burden in Latin America: an alarming trend for global control efforts. BMJ Global Health, 2021, 6, e005639.	4.7	16
17	Characterisation of the first 250â€^000 hospital admissions for COVID-19 in Brazil: a retrospective analysis of nationwide data. Lancet Respiratory Medicine,the, 2021, 9, 407-418.	10.7	309
18	Walnuts, Long-Chain Polyunsaturated Fatty Acids, and Adolescent Brain Development: Protocol for the Walnuts Smart Snack Dietary Intervention Trial. Frontiers in Pediatrics, 2021, 9, 593847.	1.9	11

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19	Impact of Cardiovascular Failure in Intensive Care Unit-Acquired Pneumonia: A Single-Center, Prospective Study. Antibiotics, 2021, 10, 798.	3.7	2
20	Community-acquired pneumonia severity assessment tools in patients hospitalized with COVID-19: a validation and clinical applicability study. Clinical Microbiology and Infection, 2021, 27, 1037.e1-1037.e8.	6.0	26
21	COVID-19 hospital admissions: Brazil's first and second waves compared. Lancet Respiratory Medicine,the, 2021, 9, e82-e83.	10.7	61
22	Recovery after prolonged ICU treatment in patients with COVID-19. Lancet Respiratory Medicine, the, 2021, 9, 812-814.	10.7	19
23	Effectiveness of the CoronaVac vaccine in older adults during a gamma variant associated epidemic of covid-19 in Brazil: test negative case-control study. BMJ, The, 2021, 374, n2015.	6.0	223
24	Effectiveness of CoronaVac among healthcare workers in the setting of high SARS-CoV-2 Gamma variant transmission in Manaus, Brazil: A test-negative case-control study. The Lancet Regional Health Americas, 2021, 1, 100025.	2.6	116
25	Association between ambient temperature and heat waves with mortality in South Asia: Systematic review and meta-analysis. Environment International, 2021, 146, 106170.	10.0	66
26	Effectiveness of ChAdOx1 vaccine in older adults during SARS-CoV-2 Gamma variant circulation in São Paulo. Nature Communications, 2021, 12, 6220.	12.8	62
27	TELE-critical Care verSus usual Care On ICU PErformance (TELESCOPE): protocol for a cluster-randomised clinical trial on adult general ICUs in Brazil. BMJ Open, 2021, 11, e042302.	1.9	0
28	Association between ambient and household air pollution with carotid intima-media thickness in peri-urban South India: CHAI-Project. International Journal of Epidemiology, 2020, 49, 69-79.	1.9	17
29	Long-term survival and cause-specific mortality of patients newly diagnosed with tuberculosis in São Paulo state, Brazil, 2010–15: a population-based, longitudinal study. Lancet Infectious Diseases, The, 2020, 20, 123-132.	9.1	51
30	Association of Ambient and Household Air Pollution With Bone Mineral Content Among Adults in Peri-urban South India. JAMA Network Open, 2020, 3, e1918504.	5.9	31
31	Diagnostic accuracy of Gram staining when predicting staphylococcal hospital-acquired pneumonia and ventilator-associated pneumonia: a systematic review and meta-analysis. Clinical Microbiology and Infection, 2020, 26, 1456-1463.	6.0	9
32	Association of Sepsis Diagnosis at Daytime and on Weekdays with Compliance with the 3-Hour Sepsis Treatment Bundles. A Multicenter Cohort Study. Annals of the American Thoracic Society, 2020, 17, 980-987.	3.2	6
33	Ensuring editorial continuity and quality of science during the COVID-19 storm: the ICM experience. Intensive Care Medicine, 2020, 46, 1918-1920.	8.2	2
34	Pulmonary infections complicating ARDS. Intensive Care Medicine, 2020, 46, 2168-2183.	8.2	69
35	Personal exposure to particulate air pollution and vascular damage in peri-urban South India. Environment International, 2020, 139, 105734.	10.0	7
36	Focus on better care and ethics: Are medical ethics lagging behind the development of new medical technologies?. Intensive Care Medicine, 2020, 46, 1611-1613.	8.2	6

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37	Physical and mental health effects of repeated short walks in a blue space environment: A randomised crossover study. Environmental Research, 2020, 188, 109812.	7.5	53
38	Association between sepsis at ICU admission and mortality in patients with ICU-acquired pneumonia: An infectious second-hit model. Journal of Critical Care, 2020, 59, 207-214.	2.2	2
39	Focus on the frail and elderly: who should have a trial of ICU treatment?. Intensive Care Medicine, 2020, 46, 1030-1032.	8.2	16
40	Selected oncological patients may even restart cancer treatment after in-hospital cardiac arrest. Resuscitation, 2020, 148, 118-120.	3.0	0
41	Potential for Life Course Health Benefits From Improved Household Environments. JAMA Network Open, 2020, 3, e202968.	5.9	1
42	Diagnosis of ventilator-associated pneumonia in critically ill adult patientsâ€"a systematic review and meta-analysis. Intensive Care Medicine, 2020, 46, 1170-1179.	8.2	98
43	Land-Use Change and Cardiometabolic Risk Factors in an Urbanizing Area of South India: A Population-Based Cohort Study. Environmental Health Perspectives, 2020, 128, 47003.	6.0	13
44	Progression of confirmed COVID-19 cases after the implementation of control measures. Revista Brasileira De Terapia Intensiva, 2020, 32, 213-223.	0.3	14
45	Lack of association between particulate air pollution and blood glucose levels and diabetic status in peri-urban India. Environment International, 2019, 131, 105033.	10.0	22
46	Zoonotic Tuberculosis in Humans: Control, Surveillance, and the One Health Approach. Epidemiologic Reviews, 2019, 41, 130-144.	3.5	14
47	A Comparison of Mortality From Sepsis in Brazil and England. Critical Care Medicine, 2019, 47, 76-84.	0.9	15
48	Lymphocytopenia as a Predictor of Mortality in Patients with ICU-Acquired Pneumonia. Journal of Clinical Medicine, 2019, 8, 843.	2.4	27
49	Hippocampal Damage During Mechanical Ventilation in Trendelenburg Position: A Secondary Analysis of an Experimental Study on the Prevention of Ventilator-Associated Pneumonia. Shock, 2019, 52, 75-82.	2.1	7
50	Invasive and non-invasive diagnostic approaches for microbiological diagnosis of hospital-acquired pneumonia. Critical Care, 2019, 23, 51.	5.8	24
51	Ambient Particulate Air Pollution and Blood Pressure in Peri-urban India. Epidemiology, 2019, 30, 492-500.	2.7	42
52	Nebulized Amikacin and Fosfomycin for Severe Pseudomonas aeruginosa Pneumonia. Critical Care Medicine, 2019, 47, e470-e477.	0.9	15
53	Effect of Combined β-Lactam/Macrolide Therapy on Mortality According to the Microbial Etiology and Inflammatory Status of Patients With Community-Acquired Pneumonia. Chest, 2019, 155, 795-804.	0.8	34
54	Recruitment manoeuvres dislodge mucus towards the distal airways in an experimental model of severe pneumonia. British Journal of Anaesthesia, 2019, 122, 269-276.	3.4	4

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55	A decision-aid tool for ICU admission triage is associated with a reduction in potentially inappropriate intensive care unit admissions. Journal of Critical Care, 2019, 51, 77-83.	2.2	16
56	Biomarkers in community-acquired pneumonia: can we do better by using them correctly?. Jornal Brasileiro De Pneumologia, 2019, 45, e20190189.	0.7	1
57	Severity scoring systems for pneumonia. Current Opinion in Pulmonary Medicine, 2018, 24, 227-236.	2.6	7
58	Prompt admission to the ICU: an instrument to improve mortality for deteriorating ward patients. Intensive Care Medicine, 2018, 44, 678-680.	8.2	5
59	Is occupational biomass smoke exposure an overlooked driver of respiratory health?. Occupational and Environmental Medicine, 2018, 75, 687-688.	2.8	3
60	Reply to Akinosoglou and Gogos: Sepsis-3 in Community-acquired Pneumonia: How Reliable Is It?. American Journal of Respiratory and Critical Care Medicine, 2018, 197, 537-538.	5.6	0
61	Evaluation of the 2016 Infectious Diseases Society of America/American Thoracic Society Guideline Criteria for Risk of Multidrug-Resistant Pathogens in Patients with Hospital-acquired and Ventilator-associated Pneumonia in the ICU. American Journal of Respiratory and Critical Care Medicine, 2018, 197, 826-830.	5.6	46
62	Appraisal of systemic inflammation and diagnostic markers in a porcine model of VAP: secondary analysis from a study on novel preventive strategies. Intensive Care Medicine Experimental, 2018, 6, 42.	1.9	4
63	Inâ€vitro analysis of a novel â€~addâ€on' silicone cuff to improve sealing properties of tracheal tubes. Anaesthesia, 2018, 73, 1372-1381.	3.8	2
64	Diagnosis of nonventilated hospital-acquired pneumonia: how much do we know?. Current Opinion in Critical Care, 2018, 24, 339-346.	3.2	12
65	Severe community-acquired pneumonia: Characteristics and prognostic factors in ventilated and non-ventilated patients. PLoS ONE, 2018, 13, e0191721.	2.5	81
66	Rio's Mountainous Region ("Região Serranaâ€) 2011 Landslides: Impact on Public Mental Health System. PLOS Currents, 2018, 10, .	1.4	2
67	New Sepsis Definition (Sepsis-3) and Community-acquired Pneumonia Mortality. A Validation and Clinical Decision-Making Study. American Journal of Respiratory and Critical Care Medicine, 2017, 196, 1287-1297.	5.6	142
68	Focus on immunocompromised patients. Intensive Care Medicine, 2017, 43, 1415-1417.	8.2	7
69	Is this critically ill patient elderly or too old?. Intensive Care Medicine, 2017, 43, 1884-1886.	8.2	11
70	Randomized, multicenter trial of lateral Trendelenburg versus semirecumbent body position for the prevention of ventilator-associated pneumonia. Intensive Care Medicine, 2017, 43, 1572-1584.	8.2	36
71	Respiratory research networks in Europe and beyond: aims, achievements and aspirations for the 21st century. Breathe, 2017, 13, 209-215.	1.3	2
72	Intensive care unit patients with lower respiratory tract nosocomial infections: the ENIRRIs project. ERJ Open Research, 2017, 3, 00092-2017.	2.6	22

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73	The authors reply. Critical Care Medicine, 2017, 45, e239-e240.	0.9	O
74	Peripherally inserted central catheters are associated with lower risk of bloodstream infection compared with central venous catheters in paediatric intensive care patients: a propensity-adjusted analysis. Intensive Care Medicine, 2017, 43, 1097-1104.	8.2	48
75	Rapid identification of antimicrobial resistance patterns allows a faster antibiotic adequacy. Critical Care, 2017, 21, 208.	5.8	2
76	Diagnostic Value of Endotracheal Aspirates Sonication on Ventilator-Associated Pneumonia Microbiologic Diagnosis. Microorganisms, 2017, 5, 62.	3.6	6
77	Comparison of two prognostic scores (BSI and FACED) in a Spanish cohort of adult patients with bronchiectasis and improvement of the FACED predictive capacity for exacerbations. PLoS ONE, 2017, 12, e0175171.	2.5	32
78	Treatment with macrolides and glucocorticosteroids in severe community-acquired pneumonia: A post-hoc exploratory analysis of a randomized controlled trial. PLoS ONE, 2017, 12, e0178022.	2.5	25
79	Estimating the impact of tuberculosis anatomical classification on treatment outcomes: A patient and surveillance perspective analysis. PLoS ONE, 2017, 12, e0187585.	2.5	5
80	The value of antibody-coated bacteria in tracheal aspirates for the diagnosis of ventilator-associated pneumonia: a case-control study. Jornal Brasileiro De Pneumologia, 2016, 42, 203-210.	0.7	3
81	There is no cephalocaudal gradient of computed tomography densities or lung behavior in supine patients with acute respiratory distress syndrome. Acta Anaesthesiologica Scandinavica, 2016, 60, 767-779.	1.6	6
82	Lactated Ringer Is Associated With Reduced Mortality and Less Acute Kidney Injury in Critically Ill Patients: A Retrospective Cohort Analysis*. Critical Care Medicine, 2016, 44, 2163-2170.	0.9	43
83	Prone position and VAP incidence in the PROSEVA trial: attention to the causal question when interpreting competing risk analysis. Intensive Care Medicine, 2016, 42, 2119-2120.	8.2	3
84	The Challenge of Predicting Pressure Ulcers in Critically III Patients: A Multicenter Cohort Study. Annals of the American Thoracic Society, 2016, 13, 1775-1783.	3.2	31
85	The impact of being homeless on the unsuccessful outcome of treatment of pulmonary TB in São Paulo State, Brazil. BMC Medicine, 2016, 14, 41.	5.5	26
86	Pneumonia in 2016: towards better care. Lancet Respiratory Medicine, the, 2016, 4, 949-951.	10.7	2
87	Timing of Initiation of Renal Replacement Therapy in Critically Ill Patients With Acute Kidney Injury. JAMA - Journal of the American Medical Association, 2016, 316, 1213.	7.4	1
88	Chlorhexidine bathing for the prevention of colonization and infection with multidrug-resistant microorganisms in a hematopoietic stem cell transplantation unit over a 9-year period. Medicine (United States), 2016, 95, e5271.	1.0	24
89	Evaluation of cost-effectiveness from the funding body's point of view of ultrasound-guided central venous catheter insertion compared with the conventional technique. Revista Brasileira De Terapia Intensiva, 2016, 28, 62-9.	0.3	9
90	Importance of a registered and structured protocol when conducting systematic reviews: comments about nebulized antibiotics for ventilator-associated pneumonia. Critical Care, 2015, 19, 298.	5.8	1

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91	Corticosteroids in the Critically III Patient. Clinical Pulmonary Medicine, 2015, 22, 215-222.	0.3	0
92	EuroSCORE Models in a Cohort of Patients with Valvular Heart Disease and a High Prevalence of Rheumatic Fever Submitted to Surgical Procedures. PLoS ONE, 2015, 10, e0118357.	2.5	12
93	One-year survival and resource use after critical illness: impact of organ failure and residual organ dysfunction in a cohort study in Brazil. Critical Care, 2015, 19, 269.	5.8	25
94	Anxiety, depression, and satisfaction in close relatives of patients in an open visiting policy intensive care unit in Brazil. Journal of Critical Care, 2015, 30, 440.e1-440.e6.	2.2	57
95	Hyperoxia following cardiac arrest. Intensive Care Medicine, 2015, 41, 534-536.	8.2	11
96	Protocolized sedation effect on post-ICU posttraumatic stress disorder prevalence: A systematic review and network meta-analysis. Journal of Critical Care, 2015, 30, 1278-1282.	2.2	8
97	Endotracheal tube biofilm translocation in the lateral Trendelenburg position. Critical Care, 2015, 19, 59.	5.8	22
98	Nebulized antibiotics for ventilator-associated pneumonia: a systematic review and meta-analysis. Critical Care, 2015, 19, 150.	5.8	91
99	Incidence and prognosis of ventilator-associated tracheobronchitis (TAVeM): a multicentre, prospective, observational study. Lancet Respiratory Medicine, the, 2015, 3, 859-868.	10.7	152
100	Community-acquired pneumonia. Lancet, The, 2015, 386, 1097-1108.	13.7	392
101	Variability in forgoing life-sustaining treatments: reasons and recommendations. Intensive Care Medicine, 2015, 41, 1679-1681.	8.2	11
102	Risk Factors Associated with Potentially Antibiotic-Resistant Pathogens in Community-Acquired Pneumonia. Annals of the American Thoracic Society, 2015, 12, 153-160.	3.2	136
103	Emotional Disorders in Pairs of Patients and Their Family Members during and after ICU Stay. PLoS ONE, 2015, 10, e0115332.	2.5	82
104	Relationship between acid–base status and inflammation in the critically ill. Critical Care, 2014, 18, R154.	5.8	41
105	Evaluation of a minimal sedation protocol using ICU sedative consumption as a monitoring tool: a quality improvement multicenter project. Critical Care, 2014, 18, 580.	5.8	21
106	Recalibrating our prediction models in the ICU: time to move from the abacus to the computer. Intensive Care Medicine, 2014, 40, 438-441.	8.2	14
107	An increase in mean platelet volume after admission is associated with higher mortality in critically ill patients. Annals of Intensive Care, 2014, 4, 20.	4.6	48
108	Implementation of a multifaceted sepsis education program in an emerging country setting: clinical outcomes and cost-effectiveness in a long-term follow-up study. Intensive Care Medicine, 2014, 40, 182-191.	8.2	102

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109	The effects of discharge to an intermediate care unit after a critical illness: A 5-year cohort study. Journal of Critical Care, 2014, 29, 230-235.	2.2	19
110	A Novel Porcine Model of Ventilator-associated Pneumonia Caused by Oropharyngeal Challenge with <i>Pseudomonas aeruginosa </i> . Anesthesiology, 2014, 120, 1205-1215.	2.5	32
111	Gravity Predominates Over Ventilatory Pattern in the Prevention of Ventilator-Associated Pneumonia. Critical Care Medicine, 2014, 42, e620-e627.	0.9	28
112	Nosocomial pneumonia in the intensive care unit: how should treatment failure be predicted. Revista Brasileira De Terapia Intensiva, 2014, 26, 208-11.	0.3	8
113	Highlighting the important effect of systemic lupus erythematosus on platelet count of critically ill patients. Intensive Care Medicine, 2013, 39, 1882-1883.	8.2	0
114	Blindness: perceptions under mechanical ventilation. Intensive Care Medicine, 2013, 39, 1139-1139.	8.2	0
115	Extracorporeal membrane oxygenation for severe respiratory failure in adult patients: A systematic review and meta-analysis of current evidence. Journal of Critical Care, 2013, 28, 998-1005.	2.2	49
116	How objective is the observed mortality following critical care?. Intensive Care Medicine, 2013, 39, 2047-2049.	8.2	9
117	Stratifying septic patients using lactate: severe sepsis and cryptic, vasoplegic and dysoxic shock profile. Critical Care, 2013, 17, P37.	5.8	1
118	Thrombocytosis Is a Marker of Poor Outcome in Community-Acquired Pneumonia. Chest, 2013, 143, 767-775.	0.8	47
119	ICU-Acquired Pneumonia With or Without Etiologic Diagnosis. Critical Care Medicine, 2013, 41, 2133-2143.	0.9	22
120	Validation of Predictors of Adverse Outcomes in Hospital-Acquired Pneumonia in the ICU*. Critical Care Medicine, 2013, 41, 2151-2161.	0.9	60
121	Long-term mortality after critical care: what is the starting point?. Critical Care, 2013, 17, 191.	5.8	25
122	Systematic Implementation of Evidence-Based Guidelines in Intensive Care Medicine. Critical Care Medicine, 2013, 41, 329-331.	0.9	7
123	An In Vitro Study to Assess Determinant Features Associated With Fluid Sealing in the Design of Endotracheal Tube Cuffs and Exerted Tracheal Pressures*. Critical Care Medicine, 2013, 41, 518-526.	0.9	51
124	Effects of Manual Rib Cage Compressions on Expiratory Flow and Mucus Clearance During Mechanical Ventilation*. Critical Care Medicine, 2013, 41, 850-856.	0.9	41
125	C-Reactive Protein/Albumin Ratio Predicts 90-Day Mortality of Septic Patients. PLoS ONE, 2013, 8, e59321.	2.5	294
126	Anion gap corrected for albumin, phosphate and lactate is a good predictor of strong ion gap in critically ill patients: a nested cohort study. Revista Brasileira De Terapia Intensiva, 2013, 25, 205-211.	0.3	12

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127	Reclassifying the spectrum of septic patients using lactate: severe sepsis, cryptic shock, vasoplegic shock and dysoxic shock. Revista Brasileira De Terapia Intensiva, 2013, 25, 270-8.	0.3	35
128	Effect of intraoperative HES 6% 130/0.4 on the need for blood transfusion after major oncologic surgery: a propensity-matched analysis. Clinics, 2013, 68, 501-509.	1.5	3
129	Association between systemic corticosteroids and outcomes of intensive care unit–acquired pneumonia*. Critical Care Medicine, 2012, 40, 2552-2561.	0.9	36
130	Failure to reduce C-reactive protein levels more than 25% in the last 24 hours before intensive care unit discharge predicts higher in-hospital mortality: A cohort study. Journal of Critical Care, 2012, 27, 525.e9-525.e15.	2.2	33
131	Prevention of VAP: role of the artificial airway, body position and setting the ventilator. , 2012, , 153-168.		0
132	Videotoracoscopia como uma opção no tratamento cirúrgico do quilotórax após cirurgia cardÃaca pediátrica. Jornal Brasileiro De Pneumologia, 2011, 37, 28-35.	0.7	18
133	Outcomes and organ dysfunctions of critically ill patients with systemic lupus erythematosus and other systemic rheumatic diseases. Brazilian Journal of Medical and Biological Research, 2011, 44, 1184-1193.	1.5	19
134	Intraluminal plugs in idiopathic and secondary organizing pneumonia: repair or remodelling?. Histopathology, 2007, 51, 622-630.	2.9	10
135	CYCLOSPORIN A REDUCES AIRWAY MUCUS SECRETION AND MUCOCILIARY CLEARANCE IN RATS. Clinics, 2007, 62, 345-352.	1.5	15
136	Change in covid-19 risk over time following vaccination with CoronaVac: test negative case-control study. BMJ, The, 0, , e070102.	6.0	10
137	Optimising aerosolized therapies in critically ill patients. Intensive Care Medicine, 0, , .	8.2	3