

Antonia Koutsoukou

List of Publications by Year in descending order

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90
papers

5,541
citations

172457

29
h-index

85541

71
g-index

93
all docs

93
docs citations

93
times ranked

11202
citing authors

#	ARTICLE	IF	CITATIONS
1	Complex Immune Dysregulation in COVID-19 Patients with Severe Respiratory Failure. <i>Cell Host and Microbe</i> , 2020, 27, 992-1000.e3.	11.0	1,746
2	DALI: Defining Antibiotic Levels in Intensive Care Unit Patients: Are Current β -Lactam Antibiotic Doses Sufficient for Critically Ill Patients?. <i>Clinical Infectious Diseases</i> , 2014, 58, 1072-1083.	5.8	843
3	Untuned antiviral immunity in COVID-19 revealed by temporal type I/III interferon patterns and flu comparison. <i>Nature Immunology</i> , 2021, 22, 32-40.	14.5	391
4	Disease severity-specific neutrophil signatures in blood transcriptomes stratify COVID-19 patients. <i>Genome Medicine</i> , 2021, 13, 7.	8.2	193
5	Inflammation and Immune Response in COPD: Where Do We Stand?. <i>Mediators of Inflammation</i> , 2013, 2013, 1-9.	3.0	154
6	Is prolonged infusion of piperacillin/tazobactam and meropenem in critically ill patients associated with improved pharmacokinetic/pharmacodynamic and patient outcomes? An observation from the Defining Antibiotic Levels in Intensive care unit patients (DALI) cohort. <i>Journal of Antimicrobial Chemotherapy</i> , 2016, 71, 196-207.	3.0	129
7	Validation of the new Sepsis-3 definitions: proposal for improvement in early risk identification. <i>Clinical Microbiology and Infection</i> , 2017, 23, 104-109.	6.0	105
8	Expiratory Flow Limitation and Intrinsic Positive End-Expiratory Pressure at Zero Positive End-Expiratory Pressure in Patients with Adult Respiratory Distress Syndrome. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2000, 161, 1590-1596.	5.6	103
9	Virological and serological analysis of a recent Middle East respiratory syndrome coronavirus infection case on a triple combination antiviral regimen. <i>International Journal of Antimicrobial Agents</i> , 2014, 44, 528-532.	2.5	103
10	Patterns of dynamic hyperinflation during exercise and recovery in patients with severe chronic obstructive pulmonary disease. <i>Thorax</i> , 2005, 60, 723-729.	5.6	96
11	Colistin Population Pharmacokinetics after Application of a Loading Dose of 9 MU Colistin Methanesulfonate in Critically Ill Patients. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 7240-7248.	3.2	93
12	Effects of positive end-expiratory pressure on gas exchange and expiratory flow limitation in adult respiratory distress syndrome*. <i>Critical Care Medicine</i> , 2002, 30, 1941-1949.	0.9	85
13	Tidal expiratory flow limitation, dyspnoea and exercise capacity in patients with bilateral bronchiectasis. <i>European Respiratory Journal</i> , 2003, 21, 743-748.	6.7	84
14	Critically ill cancer patient in intensive care unit: Issues that arise. <i>Journal of Critical Care</i> , 2014, 29, 817-822.	2.2	79
15	Prolonged use of carbapenems and colistin predisposes to ventilator-associated pneumonia by pandrug-resistant <i>Pseudomonas aeruginosa</i> . <i>Intensive Care Medicine</i> , 2007, 33, 1524-1532.	8.2	75
16	Exercise-induced flow limitation, dynamic hyperinflation and exercise capacity in patients with bronchial asthma. <i>European Respiratory Journal</i> , 2004, 24, 378-384.	6.7	63
17	Effects of mechanical ventilation at low lung volume on respiratory mechanics and nitric oxide exhalation in normal rabbits. <i>Journal of Applied Physiology</i> , 2005, 99, 433-444.	2.5	59
18	Effects of rehabilitation on chest wall volume regulation during exercise in COPD patients. <i>European Respiratory Journal</i> , 2006, 29, 284-291.	6.7	53

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19	Expiratory flow limitation in morbidly obese postoperative mechanically ventilated patients. <i>Acta Anaesthesiologica Scandinavica</i> , 2004, 48, 1080-1088.	1.6	51
20	Lung Microbiome in Asthma: Current Perspectives. <i>Journal of Clinical Medicine</i> , 2019, 8, 1967.	2.4	51
21	Cytokine release, small airway injury, and parenchymal damage during mechanical ventilation in normal open-chest rats. <i>Journal of Applied Physiology</i> , 2008, 104, 41-49.	2.5	50
22	Respiratory mechanics in brain-damaged patients. <i>Intensive Care Medicine</i> , 2006, 32, 1947-1954.	8.2	49
23	Elevated biomarkers of endothelial dysfunction/activation at ICU admission are associated with sepsis development. <i>Cytokine</i> , 2014, 69, 240-247.	3.2	42
24	Acute effects of combined high-frequency oscillation and tracheal gas insufflation in severe acute respiratory distress syndrome*. <i>Critical Care Medicine</i> , 2007, 35, 1500-1508.	0.9	39
25	Intrinsic positive end-expiratory pressure in mechanically ventilated patients with and without tidal expiratory flow limitation. <i>Critical Care Medicine</i> , 2000, 28, 3837-3842.	0.9	38
26	Respiratory mechanics in brain injury: A review. <i>World Journal of Critical Care Medicine</i> , 2016, 5, 65.	1.8	37
27	A case of imported Middle East Respiratory Syndrome coronavirus infection and public health response, Greece, April 2014. <i>Eurosurveillance</i> , 2014, 19, 20782.	7.0	36
28	Pathophysiology of Evolution of Small Airways Disease to Overt COPD. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2010, 7, 269-275.	1.6	34
29	The lung microbiome dynamics between stability and exacerbation in chronic obstructive pulmonary disease (COPD): Current perspectives. <i>Respiratory Medicine</i> , 2019, 157, 1-6.	2.9	32
30	Implication of Interleukin (IL)-18 in the pathogenesis of chronic obstructive pulmonary disease (COPD). <i>Cytokine</i> , 2015, 74, 313-317.	3.2	30
31	Acute Severe Asthma in Adolescent and Adult Patients: Current Perspectives on Assessment and Management. <i>Journal of Clinical Medicine</i> , 2019, 8, 1283.	2.4	30
32	Dyspnea and respiratory muscle strength in end-stage liver disease. <i>World Journal of Hepatology</i> , 2013, 5, 56.	2.0	29
33	Clinical Application of the Novel Cell-Based Biosensor for the Ultra-Rapid Detection of the SARS-CoV-2 S1 Spike Protein Antigen: A Practical Approach. <i>Biosensors</i> , 2021, 11, 224.	4.7	28
34	Chest wall volume regulation during exercise in COPD patients with GOLD stages II to IV. <i>European Respiratory Journal</i> , 2008, 32, 42-52.	6.7	26
35	Effects of interval-load versus constant-load training on the BODE index in COPD patients. <i>Respiratory Medicine</i> , 2009, 103, 1392-1398.	2.9	24
36	Impact of Hemodialysis on Dyspnea and Lung Function in End Stage Kidney Disease Patients. <i>BioMed Research International</i> , 2014, 2014, 1-10.	1.9	24

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37	On- and off-exercise kinetics of cardiac output in response to cycling and walking in COPD patients with GOLD Stages Iâ€“IV. <i>Respiratory Physiology and Neurobiology</i> , 2012, 181, 351-358.	1.6	23
38	Exhaled Breath Condensate in Mechanically Ventilated Brain-injured Patients with No Lung Injury or Sepsis. <i>Anesthesiology</i> , 2011, 114, 1118-1129.	2.5	22
39	ESCAPE: An Open-Label Trial of Personalized Immunotherapy in Critically Ill COVID-19 Patients. <i>Journal of Innate Immunity</i> , 2022, 14, 218-228.	3.8	21
40	Successful resuscitation with thrombolysis of a patient suffering fulminant pulmonary embolism after recent intracerebral haemorrhage. <i>Resuscitation</i> , 2007, 72, 154-157.	3.0	19
41	Factor XIII deficiency as a potential cause of supratentorial haemorrhage after posterior fossa surgery. <i>Acta Neurochirurgica</i> , 2010, 152, 529-532.	1.7	17
42	Effects of exercise-induced arterial hypoxaemia and work rate on diaphragmatic fatigue in highly trained endurance athletes. <i>Journal of Physiology</i> , 2006, 572, 539-549.	2.9	16
43	Acid-Base Disturbances in Patients with Asthma: A Literature Review and Comments on Their Pathophysiology. <i>Journal of Clinical Medicine</i> , 2019, 8, 563.	2.4	16
44	Plasma membrane disruptions with different modes of injurious mechanical ventilation in normal rat lungs*. <i>Critical Care Medicine</i> , 2012, 40, 869-875.	0.9	14
45	Effects of Various Modes of Mechanical Ventilation in Normal Rats. <i>Anesthesiology</i> , 2014, 120, 943-950.	2.5	14
46	Hyperchloraemia in sepsis. <i>Annals of Intensive Care</i> , 2018, 8, 43.	4.6	14
47	Dexamethasone in the Treatment of COVID-19: Primus Inter Pares?. <i>Journal of Personalized Medicine</i> , 2021, 11, 556.	2.5	14
48	Exerciseâ€“induced skeletal muscle deoxygenation in O ₂ -supplemented COPD patients. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2009, 19, 364-372.	2.9	13
49	Individualized significance of the âˆ“251 A/T single nucleotide polymorphism of interleukin-8 in severe infections. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2016, 35, 563-570.	2.9	13
50	Admission of critically ill patients with cancer to the ICU: many uncertainties remain. <i>ESMO Open</i> , 2017, 2, e000105.	4.5	13
51	Comparison of advanced closed-loop ventilation modes with pressure support ventilation for weaning from mechanical ventilation in adults: A systematic review and meta-analysis. <i>Journal of Critical Care</i> , 2022, 68, 1-9.	2.2	13
52	Variation of endotheliumâ€“related hemostatic factors during sepsis. <i>Microcirculation</i> , 2018, 25, e12500.	1.8	12
53	Daily sedation interruption and mechanical ventilation weaning: a literature review. <i>Anaesthesiology Intensive Therapy</i> , 2019, 51, 380-389.	1.0	12
54	Low interleukin (IL)-18 levels in sputum supernatants of patients with severe refractory asthma. <i>Respiratory Medicine</i> , 2015, 109, 580-587.	2.9	11

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55	Effect of heliox breathing on flow limitation in chronic heart failure patients. <i>European Respiratory Journal</i> , 2009, 33, 1367-1373.	6.7	10
56	Expiratory flow-limitation in mechanically ventilated patients: A risk for ventilator-induced lung injury?. <i>World Journal of Critical Care Medicine</i> , 2019, 8, 1-8.	1.8	10
57	COVID-19 ARDS: Points to Be Considered in Mechanical Ventilation and Weaning. <i>Journal of Personalized Medicine</i> , 2021, 11, 1109.	2.5	10
58	Effect of pulmonary rehabilitation on tidal expiratory flow limitation at rest and during exercise in COPD patients. <i>Respiratory Physiology and Neurobiology</i> , 2017, 238, 47-54.	1.6	9
59	Study of inflammatory biomarkers in COPD and asthma exacerbations. <i>Advances in Respiratory Medicine</i> , 2020, 88, 558-566.	1.0	9
60	Fungal Infections in Critically Ill COVID-19 Patients: Inevitable Malum. <i>Journal of Clinical Medicine</i> , 2022, 11, 2017.	2.4	9
61	Primary choriocarcinoma of the renal pelvis presenting as intracerebral hemorrhage: a case report and review of the literature. <i>Journal of Medical Case Reports</i> , 2011, 5, 501.	0.8	8
62	Immune Response to Mycobacterial Infection: Lessons from Flow Cytometry. <i>Clinical and Developmental Immunology</i> , 2013, 2013, 1-9.	3.3	7
63	Coronavirus disease 2019 pandemic in Greece, February 26 – May 3, 2020: The first wave. <i>Travel Medicine and Infectious Disease</i> , 2021, 41, 102051.	3.0	7
64	<i>Clostridium subterminale</i> septicemia in an immunocompetent patient. <i>IDCases</i> , 2016, 5, 43-45.	0.9	6
65	Cardiovascular Responses During Sepsis. , 2021, 11, 1605-1652.		6
66	Does serum lactate combined with soluble endothelial selectins at ICU admission predict sepsis development?. <i>In Vivo</i> , 2015, 29, 305-8.	1.3	6
67	Angiotensin-Converting Enzyme 2 (ACE2) As a Novel Biorecognition Element in A Cell-Based Biosensor for the Ultra-Rapid, Ultra-Sensitive Detection of the SARS-CoV-2 S1 Spike Protein Antigen. <i>Chemosensors</i> , 2021, 9, 341.	3.6	6
68	A Multimodal Approach for the Risk Prediction of Intensive Care and Mortality in Patients with COVID-19. <i>Diagnostics</i> , 2022, 12, 56.	2.6	5
69	Subjects Hospitalized With the 2009 Pandemic Influenza A (H1N1) Virus in a Respiratory Infection Unit: Clinical Factors Correlating With ICU Admission. <i>Respiratory Care</i> , 2014, 59, 1560-1568.	1.6	4
70	Turn the ARDS patient prone to improve oxygenation and decrease risk of lung injury. <i>Intensive Care Medicine</i> , 2005, 31, 174-176.	8.2	3
71	History of mechanical ventilation may affect respiratory mechanics evolution in acute respiratory distress syndrome. <i>Journal of Critical Care</i> , 2009, 24, 626.e1-626.e6.	2.2	3
72	Characteristics, risk factors and outcomes of <i>Clostridium difficile</i> infections in Greek Intensive Care Units. <i>Intensive and Critical Care Nursing</i> , 2019, 53, 73-78.	2.9	3

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73	Expiratory Flow Limitation and Airway Closure in Patients with Acute Respiratory Distress Syndrome. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 199, 127-128.	5.6	3
74	Cutaneous Vasculopathy in a COVID-19 Critically Ill Patient: A Histologic, Immunohistochemical, and Electron Microscopy Study. <i>Case Reports in Critical Care</i> , 2021, 2021, 1-6.	0.4	3
75	Immunostimulation and Coagulopathy in COVID-19 Compared to Patients With H1N1 Pneumonia or Bacterial Sepsis. <i>In Vivo</i> , 2022, 36, 954-960.	1.3	3
76	Weaning Failure in Critically Ill Patients Is Related to the Persistence of Sepsis Inflammation. <i>Diagnostics</i> , 2022, 12, 92.	2.6	3
77	Lung Mechanics in Disease. , 2008, , 100-110.		2
78	Unfractionated heparin reduces hepcidin levels in critically ill patients. <i>Internal Medicine Journal</i> , 2021, 51, 797-801.	0.8	2
79	Cerebral vein thrombosis after coronary artery bypass surgery. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2007, 6, 514-516.	1.1	1
80	Why high levels of positive end-expiratory pressure are required to maintain a stable end-expiratory lung volume in morbidly obese subjects. <i>Acta Anaesthesiologica Scandinavica</i> , 2007, 51, 783-784.	1.6	1
81	Postoperative Parotid Abscess: Another Occult Source of Severe Sepsis. <i>Surgical Infections</i> , 2013, 14, 333-334.	1.4	1
82	Should age be a criterion for intensive care unit admission in cancer patients?â€”Still an issue of uncertainty. <i>Journal of Thoracic Disease</i> , 2017, 9, 3506-3508.	1.4	1
83	Buffering Capacity in Sepsis: A Prospective Cohort Study in Critically Ill Patients. <i>Journal of Clinical Medicine</i> , 2019, 8, 1759.	2.4	1
84	The development of various forms of lung injury with increasing tidal volume in normal rats. <i>Respiratory Physiology and Neurobiology</i> , 2020, 274, 103369.	1.6	1
85	Clinical Uses of Heliox Mixtures in Chronic Obstructive Pulmonary Disease. <i>Current Respiratory Medicine Reviews</i> , 2009, 5, 168-173.	0.2	0
86	Familial Aggregation of Lung Function Impairment in Chronic Obstructive Pulmonary Disease Families in Greece. <i>Chest</i> , 2010, 138, 455A.	0.8	0
87	Obese Patient in Intensive Care Unit. , 2014, , 1-16.		0
88	Obese Patient in Intensive Care Unit. , 2015, , 105-118.		0
89	Respiratory function in morbidly obese subjects. <i>Clinical Intensive Care: International Journal of Critical & Coronary Care Medicine</i> , 2005, 16, 145-150.	0.1	0
90	Therapeutic exercise in improving acute lung injury: a long distance to be covered. <i>Annals of Translational Medicine</i> , 2015, 3, 273.	1.7	0