Christian Karagiannidis

List of Publications by Year
in descending order

56	2,719	304743	197818
papers	citations	22 h-index	49 g-index

69	69	69	3777
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Key summary of German national treatment guidance for hospitalized COVID-19 patients. Infection, 2022, 50, 93-106.	4.7	30
2	Using Differentiable Programming for Flexible Statistical Modeling. American Statistician, 2022, 76, 270-279.	1.6	2
3	Observational study of changes in utilization and outcomes in mechanical ventilation in COVID-19. PLoS ONE, 2022, 17, e0262315.	2.5	21
4	Risks and Benefits of Ultraâ€“Lung-Protective Invasive Mechanical Ventilation Strategies with a Focus on Extracorporeal Support. American Journal of Respiratory and Critical Care Medicine, 2022, 205, 873-882.	5.6	20
5	ECMO during the COVID-19 pandemic: moving from rescue therapy to more reasonable indications. European Respiratory Journal, 2022, 59, 2103262.	6.7	11
6	Veno-venous extracorporeal membrane oxygenation (vv-ECMO) for severe respiratory failure in adult cancer patients: a retrospective multicenter analysis. Intensive Care Medicine, 2022, 48, 332-342.	8.2	25
7	Extracorporeal Membrane Oxygenation during Respiratory Pandemics: Past, Present, and Future. American Journal of Respiratory and Critical Care Medicine, 2022, 205, 1382-1390.	5.6	20
8	German S3 Guideline: Oxygen Therapy in the Acute Care of Adult Patients. Respiration, 2022, 101, 214-252.	2.6	15
9	Key characteristics impacting survival of COVID-19 extracorporeal membrane oxygenation. Critical Care, 2022, 26, .	5.8	26
10	Incidence and outcomes of SARS-CoV-2-associated PIMS in Germany: a nationwide analysis. Infection, 2022, 50, 1627-1629.	4.7	4
11	Hemolysis at low blood flow rates: in-vitro and in-silico evaluation of a centrifugal blood pump. Journal of Translational Medicine, 2021, 19, 2.	4.4	34
12	Conservative management of COVID-19 associated hypoxaemia. ERJ Open Research, 2021, 7, 00113-2021.	2.6	4
13	Major differences in ICU admissions during the first and second COVID-19 wave in Germany. Lancet Respiratory Medicine,the, 2021, 9, e47-e48.	10.7	104
14	COVID-19 is a systemic vascular hemopathy: insight for mechanistic and clinical aspects. Angiogenesis, 2021, 24, 755-788.	7.2	114
15	High In-Hospital Mortality Rate in Patients with COVID-19 Receiving Extracorporeal Membrane Oxygenation in Germany: A Critical Analysis. American Journal of Respiratory and Critical Care Medicine, 2021, 204, 991-994.	5.6	52
16	Different spreading dynamics throughout Germany during the second wave of the COVID-19 pandemic: a time series study based on national surveillance data. Lancet Regional Health - Europe, The, 2021, 6, 100151.	5.6	37
17	6-month mortality and readmissions of hospitalized COVID-19 patients: A nationwide cohort study of 8,679 patients in Germany. PLoS ONE, 2021, 16, e0255427.	2.5	65
18	Differential cytology profiles in bronchoalveolar lavage (BAL) in COVID-19 patients. Medicine (United) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.0	7

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19	Recommendations on Inpatient Treatment of Patients With COVID-19. Deutsches Ärzteblatt International, 2021, 118, .	0.9	35
20	The Hemovent Oxygenator: A New Low-Resistance, High-Performance Oxygenator. ASAIO Journal, 2021, 67, e59-e61.	1.6	3
21	Invasiveness of Treatment Is Gender Dependent in Intensive Care: Results From a Retrospective Analysis of 26,711 Cases. Anesthesia and Analgesia, 2021, 132, 1677-1683.	2.2	10
22	Effectiveness of extended shutdown measures during the Â´BundesnotbremseÂ´ introduced in the third SARS-CoV-2 wave in Germany. Infection, 2021, 49, 1331-1335.	4.7	2
23	Effectiveness of extended shutdown measures during the Â´BundesnotbremseÂ´ introduced in the third SARS-CoV-2 wave in Germany. Infection, 2021, 49, 1331-1335.	4.7	11
24	Clinical practice guideline: Recommendations on the in-hospital treatment of patients with COVID-19. Deutsches Ärzteblatt International, 2021, , .	0.9	15
25	Complete countrywide mortality in COVID patients receiving ECMO in Germany throughout the first three waves of the pandemic. Critical Care, 2021, 25, 413.	5.8	51
26	Climate change, global warming, and intensive care. Intensive Care Medicine, 2020, 46, 485-487.	8.2	23
27	Case characteristics, resource use, and outcomes of 10â€˙021 patients with COVID-19 admitted to 920 German hospitals: an observational study. Lancet Respiratory Medicine,the, 2020, 8, 853-862.	10.7	628
28	The Need for Emergency Laparotomy With Open Abdomen Therapy in the Course of ECMOâ€”A Retrospective Analysis of Course and Outcome. Frontiers in Surgery, 2020, 7, 63.	1.4	3
29	Apples and oranges: international comparisons of COVID-19 observational studies in ICUs. Lancet Respiratory Medicine,the, 2020, 8, 952-953.	10.7	22
30	Influence of quality of intensive care on quality of life/return to work in survivors of the acute respiratory distress syndrome: prospective observational patient cohort study (DACAPO). BMC Public Health, 2020, 20, 861.	2.9	18
31	Safety and Efficacy of a Novel Pneumatically Driven Extracorporeal Membrane Oxygenation Device. Annals of Thoracic Surgery, 2020, 109, 1684-1691.	1.3	13
32	Rapid Changes in Arterial Carbon Dioxide Levels Caused by Extracorporeal Membrane Oxygenation. The Temptation of a Fascinating Technology. American Journal of Respiratory and Critical Care Medicine, 2020, 201, 1466-1468.	5.6	6
33	Tracheostomy in patients with acute respiratory distress syndrome is not related to quality of life, symptoms of psychiatric disorders or return-to-work: the prospective DACAPO cohort study. Annals of Intensive Care, 2020, 10, 52.	4.6	8
34	Invasive and Non-Invasive Ventilation in Patients With COVID-19. Deutsches Ärzteblatt International, 2020, 117, 528-533.	0.9	40
35	The quality of acute intensive care and the incidence of critical events have an impact on health-related quality of life in survivors of the acute respiratory distress syndrome - a nationwide prospective multicenter observational study. GMS German Medical Science, 2020, 18, Doc01.	2.7	6
36	Respiratory acidosis during bronchoscopy-guided percutaneous dilatational tracheostomy: impact of ventilator settings and endotracheal tube size. BMC Anesthesiology, 2019, 19, 147.	1.8	6

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37	Low-flow assessment of current ECMO/ECCO2R rotary blood pumps and the potential effect on hemocompatibility. Critical Care, 2019, 23, 348.	5.8	70
38	Impact of sweep gas flow on extracorporeal CO2 removal (ECCO2R). Intensive Care Medicine Experimental, 2019, 7, 17.	1.9	26
39	Less is More: not (always) simpleâ€"the case of extracorporeal devices in critical care. Intensive Care Medicine, 2019, 45, 1451-1453.	8.2	6
40	Control of respiratory drive by extracorporeal CO2 removal in acute exacerbation of COPD breathing on non-invasive NAVA. Critical Care, 2019, 23, 135.	5.8	24
41	Physiological and Technical Considerations of Extracorporeal CO2 Removal. Critical Care, 2019, 23, 75.	5.8	20
42	Is gender inequity in ventilator management a â€œwomen's issueâ€?. European Respiratory Journal, 2019, 54, 1901588.	6.7	9
43	Lung injury and acute respiratory distress syndrome. , 2019, , 299-303.		0
44	Quality of life and life satisfaction are severely impaired in patients with long-term invasive ventilation following ICU treatment and unsuccessful weaning. Annals of Intensive Care, 2018, 8, 38.	4.6	65
45	Quality of inter-hospital transportation in 431 transport survivor patients suffering from acute respiratory distress syndrome referred to specialist centers. Annals of Intensive Care, 2018, 8, 5.	4.6	19
46	Regional expiratory time constants in severe respiratory failure estimated by electrical impedance tomography: a feasibility study. Critical Care, 2018, 22, 221.	5.8	42
47	Continuous nonâ€invasive <scp>PCO₂</scp> monitoring in weaning patients: <scp>T</scp>ranscutaneous is advantageous over endâ€tidal <scp>PCO₂</scp>. Respirology, 2017, 22, 1579-1584.	2.3	20
48	Impact of membrane lung surface area and blood flow on extracorporeal CO2 removal during severe respiratory acidosis. Intensive Care Medicine Experimental, 2017, 5, 34.	1.9	56
49	Extracorporeal membrane oxygenation: evolving epidemiology and mortality. Intensive Care Medicine, 2016, 42, 889-896.	8.2	382
50	Veno-venous extracorporeal CO2 removal improves pulmonary hypertension in acute exacerbation of severe COPD. Intensive Care Medicine, 2015, 41, 1509-1510.	8.2	21
51	Veno-venous extracorporeal CO2 removal for the treatment of severe respiratory acidosis: pathophysiological and technical considerations. Critical Care, 2014, 18, R124.	5.8	69
52	Autoregulation of ventilation with neurally adjusted ventilatory assist on extracorporeal lung support. Intensive Care Medicine, 2010, 36, 2038-2044.	8.2	78
53	A new miniaturized system for extracorporeal membrane oxygenation in adult respiratory failure. Critical Care, 2009, 13, R205.	5.8	82
54	High-Level Expression of Matrix-Associated Transforming Growth Factor-Î² 1 in Benign Airway Stenosis. Chest, 2006, 129, 1298-1304.	0.8	46

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55	Different Spreading Dynamics Throughout Germany During the Second Wave of the COVID-19 Pandemic: Link to Public Health Interventions. SSRN Electronic Journal, 0, , .	0.4	1
56	Extracorporeal carbon dioxide removal. , 0, , 200-208.		1