

Diederik Gommers

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

46
papers

588
citations

11
h-index

23
g-index

53
ext. papers

895
ext. citations

6.2
avg, IF

4.29
L-index

#	Paper	IF	Citations
46	Diagnosis, Prevention, and Treatment of Thromboembolic Complications in COVID-19: Report of the National Institute for Public Health of the Netherlands. <i>Radiology</i> , 2020 , 297, E216-E222	20.5	172
45	Ultrasonographic measured optic nerve sheath diameter as an accurate and quick monitor for changes in intracranial pressure. <i>Journal of Neurosurgery</i> , 2015 , 123, 743-7	3.2	114
44	Microcirculatory assessment of patients under VA-ECMO. <i>Critical Care</i> , 2016 , 20, 344	10.8	35
43	Functional evaluation of sublingual microcirculation indicates successful weaning from VA-ECMO in cardiogenic shock. <i>Critical Care</i> , 2017 , 21, 265	10.8	34
42	Onset of Donor Warm Ischemia Time in Donation After Circulatory Death Liver Transplantation: Hypotension or Hypoxia?. <i>Liver Transplantation</i> , 2018 , 24, 1001-1010	4.5	25
41	Failure of target attainment of beta-lactam antibiotics in critically ill patients and associated risk factors: a two-center prospective study (EXPAT). <i>Critical Care</i> , 2020 , 24, 558	10.8	24
40	Recruitment Maneuvers and Higher PEEP, the So-Called Open Lung Concept, in Patients with ARDS. <i>Critical Care</i> , 2019 , 23, 73	10.8	19
39	Patients suffering from psychological impairments following critical illness are in need of information. <i>Journal of Intensive Care</i> , 2020 , 8, 6	7	19
38	Capillary Leukocytes, Microaggregates, and the Response to Hypoxemia in the Microcirculation of Coronavirus Disease 2019 Patients. <i>Critical Care Medicine</i> , 2021 , 49, 661-670	1.4	18
37	Predictors of short-term successful discontinuation of continuous renal replacement therapy: results from a prospective multicentre study. <i>BMC Nephrology</i> , 2019 , 20, 129	2.7	13
36	Safety and efficacy of beta-blockers to improve oxygenation in patients on veno-venous ECMO. <i>Journal of Critical Care</i> , 2019 , 53, 248-252	4	11
35	Progressive respiratory failure in COVID-19: a hypothesis. <i>Lancet Infectious Diseases</i> , 2020 , 20, 1365-1371	25.5	11
34	Intensive Care Unit-Specific Virtual Reality for Psychological Recovery After ICU Treatment for COVID-19; A Brief Case Report. <i>Frontiers in Medicine</i> , 2020 , 7, 629086	4.9	11
33	Targeting urine output and 30-day mortality in goal-directed therapy: a systematic review with meta-analysis and meta-regression. <i>BMC Anesthesiology</i> , 2017 , 17, 22	2.4	8
32	A novel mortality risk score predicting intensive care mortality in cardiogenic shock patients treated with veno-arterial extracorporeal membrane oxygenation. <i>Journal of Critical Care</i> , 2020 , 55, 35-41	4.1	8
31	The Dutch Data Warehouse, a multicenter and full-admission electronic health records database for critically ill COVID-19 patients. <i>Critical Care</i> , 2021 , 25, 304	10.8	8
30	High procalcitonin levels associated with increased intensive care unit admission and mortality in patients with a COVID-19 infection in the emergency department.. <i>BMC Infectious Diseases</i> , 2022 , 22, 165	4	6

29	Predictors of 90-Day Restart of Renal Replacement Therapy after Discontinuation of Continuous Renal Replacement Therapy, a Prospective Multicenter Study. <i>Blood Purification</i> , 2019 , 48, 243-252	3.1	5
28	Effect of intensive care unit-specific virtual reality (ICU-VR) to improve psychological well-being and quality of life in COVID-19 ICU survivors: a study protocol for a multicentre, randomized controlled trial. <i>Trials</i> , 2021 , 22, 328	2.8	5
27	Virtual Reality Tailored to the Needs of Post-ICU Patients: A Safety and Immersiveness Study in Healthy Volunteers 2021 , 3, e0388		5
26	Persistent Health Problems beyond Pulmonary Recovery up to 6 Months after Hospitalization for SARS-CoV-2; A Longitudinal Study of Respiratory, Physical and Psychological Outcomes. <i>Annals of the American Thoracic Society</i> , 2021 ,	4.7	4
25	Virtual Reality to Improve Sequelae of the Postintensive Care Syndrome: A Multicenter, Randomized Controlled Feasibility Study 2021 , 3, e0538		4
24	End-of-life practices in traumatic brain injury patients: Report of a questionnaire from the CENTER-TBI study. <i>Journal of Critical Care</i> , 2020 , 58, 78-88	4	3
23	Intensive Care Unit-Specific Virtual Reality (ICU-VR) for Critically Ill COVID-19 Patients: A Multicenter, Randomized Controlled Trial.. <i>Journal of Medical Internet Research</i> , 2021 ,	7.6	3
22	A narrative review of predictors for ß-lactam antibiotic exposure during empirical treatment in critically ill patients. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2021 , 17, 359-368	5.5	3
21	Developing, implementing and governing artificial intelligence in medicine: a step-by-step approach to prevent an artificial intelligence winter.. <i>BMJ Health and Care Informatics</i> , 2022 , 29,	2.6	3
20	Psychologic Distress and Quality of Life After ICU Treatment for Coronavirus Disease 2019: A Multicenter, Observational Cohort Study 2021 , 3, e0497		2
19	Rapid Evaluation of Coronavirus Illness Severity (RECOILS) in intensive care: Development and validation of a prognostic tool for in-hospital mortality. <i>Acta Anaesthesiologica Scandinavica</i> , 2021 ,	1.9	2
18	Cytokines and Chemokines Are Detectable in Swivel-Derived Exhaled Breath Condensate (SEBC): A Pilot Study in Mechanically Ventilated Patients. <i>Disease Markers</i> , 2020 , 2020, 2696317	3.2	2
17	Women of reproductive age in a tertiary intensive care unit: indications, outcome and the impact of pregnancy-a retrospective cohort study. <i>BMC Womens Health</i> , 2021 , 21, 248	2.9	2
16	Predictors for extubation failure in COVID-19 patients using a machine learning approach.. <i>Critical Care</i> , 2021 , 25, 448	10.8	2
15	PET-CT for detecting the undetected in the ICU. <i>Intensive Care Medicine</i> , 2016 , 42, 111-2	14.5	1
14	Fluid balance-adjusted creatinine at initiation of continuous venovenous hemofiltration and mortality. A post-hoc analysis of a multicenter randomized controlled trial. <i>PLoS ONE</i> , 2018 , 13, e0197307	3.7	1
13	Predicting mortality in adult patients with sepsis in the emergency department by using combinations of biomarkers and clinical scoring systems: a systematic review. <i>BMC Emergency Medicine</i> , 2021 , 21, 70	2.4	1
12	Effect of Methylprednisolone on Inflammation and Coagulation in Patients with Severe COVID-19: A Retrospective Cohort Study. <i>Biomarker Insights</i> , 2021 , 16, 11772719211021647	3.5	1

11	A feasibility study into adenosine triphosphate measurement in exhaled breath condensate: a potential bedside method to monitor alveolar deformation. <i>Purinergic Signalling</i> , 2018 , 14, 215-221	3.8	1
10	Higher 1-year mortality in women admitted to intensive care units after cardiac arrest: A nationwide overview from the Netherlands between 2010 and 2018. <i>Journal of Critical Care</i> , 2021 , 64, 176-183	4	1
9	Dutch Perspectives Toward Governmental Trust, Vaccination, Myths, and Knowledge About Vaccines and COVID-19.. <i>JAMA Network Open</i> , 2021 , 4, e2140529	10.4	1
8	Predicting thromboembolic complications in COVID-19 ICU patients using machine learning. <i>Journal of Clinical and Translational Research</i> , 2020 , 6, 179-186	1.1	0
7	Some Patients Are More Equal Than Others: Variation in Ventilator Settings for Coronavirus Disease 2019 Acute Respiratory Distress Syndrome 2021 , 3, e0555		0
6	Shaping critical care through sound-driven innovation: introduction, outline, and research agenda. <i>Intensive Care Medicine</i> , 2020 , 46, 542-543	14.5	0
5	Risk factors for adverse outcomes during mechanical ventilation of 1152 COVID-19 patients: a multicenter machine learning study with highly granular data from the Dutch Data Warehouse. <i>Intensive Care Medicine Experimental</i> , 2021 , 9, 32	3.7	0
4	Virtual reality for relatives of ICU patients to improve psychological sequelae: study protocol for a multicentre, randomised controlled trial. <i>BMJ Open</i> , 2021 , 11, e049704	3	0
3	Predicting need for hospital-specific interventional care after surgery using electronic health record data. <i>Surgery</i> , 2021 , 170, 790-796	3.6	0
2	Monitoring Mitochondrial Partial Oxygen Pressure During Cardiac Arrest and Extracorporeal Cardiopulmonary Resuscitation. An Experimental Pilot Study in a Pig Model. <i>Frontiers in Cardiovascular Medicine</i> , 2021 , 8, 754852	5.4	
1	Demystifying machine learning for mortality prediction.. <i>Critical Care</i> , 2021 , 25, 447	10.8	