

Diederik Gommers

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/865339/diederik-gommers-publications-by-year.pdf>

Version: 2024-04-19

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	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
45	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
44	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
43	Psychologic Distress and Quality of Life After ICU Treatment for Coronavirus Disease 2019: A Multicenter, Observational Cohort Study 2021 , 3, e0497		2
42	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
41	Some Patients Are More Equal Than Others: Variation in Ventilator Settings for Coronavirus Disease 2019 Acute Respiratory Distress Syndrome 2021 , 3, e0555		0
40	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	
39	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
38	Virtual Reality Tailored to the Needs of Post-ICU Patients: A Safety and Immersiveness Study in Healthy Volunteers 2021 , 3, e0388		5
37	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
36	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
35	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
34	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
33	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
32	A narrative review of predictors for ßactam 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
31	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
30	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

29	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
28	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
27	Predicting need for hospital-specific interventional care after surgery using electronic health record data. <i>Surgery</i> , 2021 , 170, 790-796	3.6	0
26	Virtual Reality to Improve Sequelae of the Postintensive Care Syndrome: A Multicenter, Randomized Controlled Feasibility Study 2021 , 3, e0538		4
25	Predictors for extubation failure in COVID-19 patients using a machine learning approach.. <i>Critical Care</i> , 2021 , 25, 448	10.8	2
24	Demystifying machine learning for mortality prediction.. <i>Critical Care</i> , 2021 , 25, 447	10.8	
23	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
22	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
21	Patients suffering from psychological impairments following critical illness are in need of information. <i>Journal of Intensive Care</i> , 2020 , 8, 6	7	19
20	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
19	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
18	Shaping critical care through sound-driven innovation: introduction, outline, and research agenda. <i>Intensive Care Medicine</i> , 2020 , 46, 542-543	14.5	0
17	Progressive respiratory failure in COVID-19: a hypothesis. <i>Lancet Infectious Diseases</i> , 2020 , 20, 1365-1372	25.5	11
16	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
15	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	8
14	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
13	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
12	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

11	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
10	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
9	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
8	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, e0197301	3.7	1
7	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
6	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
5	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
4	Functional evaluation of sublingual microcirculation indicates successful weaning from VA-ECMO in cardiogenic shock. <i>Critical Care</i> , 2017 , 21, 265	10.8	34
3	Microcirculatory assessment of patients under VA-ECMO. <i>Critical Care</i> , 2016 , 20, 344	10.8	35
2	PET-CT for detecting the undetected in the ICU. <i>Intensive Care Medicine</i> , 2016 , 42, 111-2	14.5	1
1	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