

# Johannes G Van Der Hoeven

## List of Publications by Year in descending order

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Version: 2024-02-01

105  
papers

4,404  
citations

126907

33  
h-index

123424

61  
g-index

107  
all docs

107  
docs citations

107  
times ranked

7964  
citing authors

#	ARTICLE	IF	CITATIONS
1	Complex interplay between moral distress and other risk factors of burnout in ICU professionals: findings from a cross-sectional survey study. <i>BMJ Quality and Safety</i> , 2023, 32, 225-234.	3.7	21
2	Family participation in essential care activities: Needs, perceptions, preferences, and capacities of intensive care unit patients, relatives, and healthcare providersâ€”An integrative review. <i>Australian Critical Care</i> , 2023, 36, 401-419.	1.3	9
3	The effects of intensive care unit-initiated transitional care interventions on elements of post-intensive care syndrome: A systematic review and meta-analysis. <i>Australian Critical Care</i> , 2022, 35, 309-320.	1.3	13
4	Using long-term predicted Quality of Life in ICU clinical practice to prepare patients for life post-ICU: A feasibility study. <i>Journal of Critical Care</i> , 2022, 68, 121-128.	2.2	2
5	Clinical Outcomes Among Patients With 1-Year Survival Following Intensive Care Unit Treatment for COVID-19. <i>JAMA - Journal of the American Medical Association</i> , 2022, 327, 559.	7.4	159
6	Mental health symptoms in family members of COVID-19 ICU survivors 3 and 12 months after ICU admission: a multicentre prospective cohort study. <i>Intensive Care Medicine</i> , 2022, 48, 322-331.	8.2	30
7	Early Restrictive Fluid Strategy Impairs the Diaphragm Force in Lambs with Acute Respiratory Distress Syndrome. <i>Anesthesiology</i> , 2022, 136, 749-762.	2.5	2
8	Why we prescribe antibiotics for too long in the hospital setting: a systematic scoping review. <i>Journal of Antimicrobial Chemotherapy</i> , 2022, 77, 2105-2119.	3.0	5
9	Comprehensive Health Assessment 3 Months After Recovery From Acute Coronavirus Disease 2019 (COVID-19). <i>Clinical Infectious Diseases</i> , 2021, 73, e1089-e1098.	5.8	332
10	Sex differences in patients with out-of-hospital cardiac arrest without ST-segment elevation: A COACT trial substudy. <i>Resuscitation</i> , 2021, 158, 14-22.	3.0	5
11	Increased blood angiotensin converting enzyme 2 activity in critically ill COVID-19 patients. <i>ERJ Open Research</i> , 2021, 7, 00848-2020.	2.6	52
12	Coronavirus Disease 2019 Immediately Increases Burnout Symptoms in ICU Professionals: A Longitudinal Cohort Study*. <i>Critical Care Medicine</i> , 2021, 49, 419-427.	0.9	106
13	A higher BMI is not associated with a different immune response and disease course in critically ill COVID-19 patients. <i>International Journal of Obesity</i> , 2021, 45, 687-694.	3.4	35
14	Non-invasive method to detect high respiratory effort and transpulmonary driving pressures in COVID-19 patients during mechanical ventilation. <i>Annals of Intensive Care</i> , 2021, 11, 26.	4.6	17
15	Dysregulated Innate and Adaptive Immune Responses Discriminate Disease Severity in COVID-19. <i>Journal of Infectious Diseases</i> , 2021, 223, 1322-1333.	4.0	61
16	Phenylephrine impairs host defence mechanisms to infection: a combined laboratory study in mice and translational human study. <i>British Journal of Anaesthesia</i> , 2021, 126, 652-664.	3.4	8
17	<scp>COVID</scp>â€”19: immunopathology, pathophysiological mechanisms, and treatment options. <i>Journal of Pathology</i> , 2021, 254, 307-331.	4.5	86
18	The effect of immediate coronary angiography after cardiac arrest without ST-segment elevation on left ventricular function. A sub-study of the COACT randomised trial. <i>Resuscitation</i> , 2021, 164, 93-100.	3.0	9

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19	Association Between Incident Delirium Treatment With Haloperidol and Mortality in Critically Ill Adults*. <i>Critical Care Medicine</i> , 2021, 49, 1303-1311.	0.9	13
20	Safety and Efficacy of Human Chorionic Gonadotropin Hormone-Derivative EA-230 in Cardiac Surgery Patients: A Randomized Double-Blind Placebo-Controlled Study. <i>Critical Care Medicine</i> , 2021, 49, 790-803.	0.9	6
21	Neuroinflammation in cognitive decline post-cardiac surgery (the FOCUS study): an observational study protocol. <i>BMJ Open</i> , 2021, 11, e044062.	1.9	2
22	Diaphragm Atrophy as a Risk Factor for Extubation Failure. <i>Pediatric Critical Care Medicine</i> , 2021, 22, e417-e418.	0.5	1
23	Late augmented renal clearance in patients with COVID-19 in the intensive care unit. A prospective observational study. <i>Journal of Critical Care</i> , 2021, 64, 7-9.	2.2	13
24	COVID-19 is associated with distinct myopathic features in the diaphragm of critically ill patients. <i>BMJ Open Respiratory Research</i> , 2021, 8, e001052.	3.0	5
25	Positive end-expiratory pressure affects geometry and function of the human diaphragm. <i>Journal of Applied Physiology</i> , 2021, 131, 1328-1339.	2.5	23
26	Interferon gamma immunotherapy in five critically ill COVID-19 patients with impaired cellular immunity: A case series. <i>Med</i> , 2021, 2, 1163-1170.e2.	4.4	31
27	Targeted Temperature Management in Out-of-Hospital Cardiac Arrest With Shockable Rhythm. <i>Critical Care Medicine</i> , 2021, Publish Ahead of Print, .	0.9	1
28	Development of a practically usable prediction model for quality of life of ICU survivors: A sub-analysis of the MONITOR-IC prospective cohort study. <i>Journal of Critical Care</i> , 2021, 65, 76-83.	2.2	11
29	Stewart analysis un.masks acidifying and alkalinizing effects of ionic shifts during acute severe respiratory alkalosis. <i>Journal of Critical Care</i> , 2021, 66, 1-5.	2.2	3
30	Prolonged Unconsciousness Following Severe COVID-19. <i>Neurology</i> , 2021, 96, e1437-e1442.	1.1	21
31	Appointing nurses trained in organ donation to improve family consent rates. <i>Nursing in Critical Care</i> , 2020, 25, 299-304.	2.3	9
32	Effect of Vasopressors on the Macro- and Microcirculation During Systemic Inflammation in Humans In Vivo. <i>Shock</i> , 2020, 53, 171-174.	2.1	15
33	Presence of Genetic Variants Among Young Men With Severe COVID-19. <i>JAMA - Journal of the American Medical Association</i> , 2020, 324, 663.	7.4	626
34	Contribution of alarm noise to average sound pressure levels in the ICU: An observational cross-sectional study. <i>Intensive and Critical Care Nursing</i> , 2020, 61, 102901.	2.9	10
35	Outcomes Associated With Use of a Kinin B2 Receptor Antagonist Among Patients With COVID-19. <i>JAMA Network Open</i> , 2020, 3, e2017708.	5.9	57
36	Coronary Angiography After Cardiac Arrest Without ST Segment Elevation. <i>JAMA Cardiology</i> , 2020, 5, 1358.	6.1	65

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37	Physical, Mental, and Cognitive Health Status of ICU Survivors Before ICU Admission: A Cohort Study. <i>Critical Care Medicine</i> , 2020, 48, 1271-1279.	0.9	29
38	Patient-Ventilator Interaction During Noninvasive Ventilation in Subjects With Exacerbation of COPD: Effect of Support Level and Ventilator Mode. <i>Respiratory Care</i> , 2020, 65, 1315-1322.	1.6	4
39	Data on sex differences in one-year outcomes of out-of-hospital cardiac arrest patients without ST-segment elevation. <i>Data in Brief</i> , 2020, 33, 106521.	1.0	0
40	Anakinra treatment in critically ill COVID-19 patients: a prospective cohort study. <i>Critical Care</i> , 2020, 24, 688.	5.8	100
41	Advanced respiratory monitoring in COVID-19 patients: use less PEEP!. <i>Critical Care</i> , 2020, 24, 230.	5.8	54
42	Recognizing and supporting morally injured ICU professionals during the COVID-19 pandemic. <i>Intensive Care Medicine</i> , 2020, 46, 1653-1654.	8.2	36
43	Determining the impact of timing and of clinical factors during end-of-life decision-making in potential controlled donation after circulatory death donors. <i>American Journal of Transplantation</i> , 2020, 20, 3574-3581.	4.7	4
44	Norepinephrine Dysregulates the Immune Response and Compromises Host Defense during Sepsis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 202, 830-842.	5.6	82
45	COVID-19: 10 things I wished I™d known some months ago. <i>Intensive Care Medicine</i> , 2020, 46, 1449-1452.	8.2	6
46	Thermal distribution, physiological effects and toxicities of extracorporeally induced whole-body hyperthermia in a pig model. <i>Physiological Reports</i> , 2020, 8, e14366.	1.7	5
47	Association between incident delirium and 28- and 90-day mortality in critically ill adults: a secondary analysis. <i>Critical Care</i> , 2020, 24, 161.	5.8	22
48	The impact of critical illness on the expiratory muscles and the diaphragm assessed by ultrasound in mechanical ventilated children. <i>Annals of Intensive Care</i> , 2020, 10, 115.	4.6	26
49	Kallikrein-kinin blockade in patients with COVID-19 to prevent acute respiratory distress syndrome. <i>ELife</i> , 2020, 9, .	6.0	235
50	Prediction Model for Timing of Death in Potential Donors After Circulatory Death (DCD III): Protocol for a Multicenter Prospective Observational Cohort Study. <i>JMIR Research Protocols</i> , 2020, 9, e16733.	1.0	3
51	The inspiration hold maneuver is a reliable method to assess mean systemic filling pressure but its clinical value remains unclear. <i>Annals of Translational Medicine</i> , 2020, 8, 1390.	1.7	0
52	Glottic patency during noninvasive ventilation in patients with chronic obstructive pulmonary disease. <i>Respiratory Physiology and Neurobiology</i> , 2019, 259, 53-57.	1.6	5
53	Monitoring patient-ventilator breath contribution in the critically ill during neurally adjusted ventilatory assist: reliability and improved algorithms for bedside use. <i>Journal of Applied Physiology</i> , 2019, 127, 264-271.	2.5	7
54	Effects of levosimendan on respiratory muscle function in patients weaning from mechanical ventilation. <i>Intensive Care Medicine</i> , 2019, 45, 1372-1381.	8.2	20

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55	Hypoxia attenuates inflammation-induced hepcidin synthesis during experimental human endotoxemia. <i>Haematologica</i> , 2019, 104, e230-e232.	3.5	7
56	Interventions aimed at healthcare professionals to increase the number of organ donors: a systematic review. <i>Critical Care</i> , 2019, 23, 227.	5.8	24
57	Physician Experiences with Communicating Organ Donation with the Relatives: A Dutch Nationwide Evaluation on Factors that Influence Consent Rates. <i>Neurocritical Care</i> , 2019, 31, 357-364.	2.4	8
58	Development and daily use of a numeric rating score to assess sleep quality in ICU patients. <i>Journal of Critical Care</i> , 2019, 52, 68-74.	2.2	15
59	The Implementation of a Multidisciplinary Approach for Potential Organ Donors in the Emergency Department. <i>Transplantation</i> , 2019, 103, 2359-2365.	1.0	13
60	Nonpharmacologic Interventions to Prevent or Mitigate Adverse Long-Term Outcomes Among ICU Survivors: A Systematic Review and Meta-Analysis*. <i>Critical Care Medicine</i> , 2019, 47, 1607-1618.	0.9	58
61	Î²-blockade attenuates renal blood flow in experimental endotoxic shock by reducing perfusion pressure. <i>Physiological Reports</i> , 2019, 7, e14301.	1.7	1
62	Hemodynamic response to Î²-blockers in severe sepsis and septic shock: A review of current literature. <i>Journal of Critical Care</i> , 2019, 50, 138-143.	2.2	13
63	Quantification of Macrocirculation and Microcirculation in Brain Using Ultrasound Perfusion Imaging. <i>Acta Neurochirurgica Supplementum</i> , 2018, 126, 115-120.	1.0	6
64	Crew Resource Management in the trauma room: a prospective 3-year cohort study. <i>European Journal of Emergency Medicine</i> , 2018, 25, 281-287.	1.1	13
65	Patient views regarding the impact of hydrotherapy on critically ill ventilated patients: A qualitative exploration study. <i>Journal of Critical Care</i> , 2018, 48, 321-327.	2.2	7
66	Estimation of the diaphragm neuromuscular efficiency index in mechanically ventilated critically ill patients. <i>Critical Care</i> , 2018, 22, 238.	5.8	39
67	The influence of esmolol on right ventricular function in early experimental endotoxic shock. <i>Physiological Reports</i> , 2018, 6, e13882.	1.7	4
68	Respiratory Muscle Effort during Expiration in Successful and Failed Weaning from Mechanical Ventilation. <i>Anesthesiology</i> , 2018, 129, 490-501.	2.5	50
69	Surgical ward nurses' responses to worry: An observational descriptive study. <i>International Journal of Nursing Studies</i> , 2018, 85, 90-95.	5.6	13
70	Temporal biomarker profiles and their association with ICU acquired delirium: a cohort study. <i>Critical Care</i> , 2018, 22, 137.	5.8	25
71	Short-Term Hypoxia Dampens Inflammation in vivo via Enhanced Adenosine Release and Adenosine 2B Receptor Stimulation. <i>EBioMedicine</i> , 2018, 33, 144-156.	6.1	47
72	A systematic approach to develop a core set of parameters for boards of directors to govern quality of care in the ICU. <i>International Journal for Quality in Health Care</i> , 2018, 30, 545-550.	1.8	6

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73	Short-term repeated HRV-16 exposure results in an attenuated immune response in vivo in humans. PLoS ONE, 2018, 13, e0191937.	2.5	5
74	Functional assessment of the diaphragm by speckle tracking ultrasound during inspiratory loading. Journal of Applied Physiology, 2017, 123, 1063-1070.	2.5	49
75	Implementation and Evaluation of a Clinical Pathway for Pancreaticoduodenectomy Procedures: a Prospective Cohort Study. Journal of Gastrointestinal Surgery, 2017, 21, 1428-1441.	1.7	14
76	Variation in rates of ICU readmissions and post-ICU in-hospital mortality and their association with ICU discharge practices. BMC Health Services Research, 2017, 17, 281.	2.2	26
77	Influenza-associated Aspergillosis in Critically Ill Patients. American Journal of Respiratory and Critical Care Medicine, 2017, 196, 524-527.	5.6	176
78	Capturing early signs of deterioration: the dutch "early nurse worry" indicator score and its value in the Rapid Response System. Journal of Clinical Nursing, 2017, 26, 2605-2613.	3.0	35
79	Potential of Contrast-Enhanced Ultrasound as a Bedside Monitoring Technique in Cerebral Perfusion: a Systematic Review. Ultrasound in Medicine and Biology, 2017, 43, 2751-2757.	1.5	21
80	Repeatability of Bolus Kinetics Ultrasound Perfusion Imaging for the Quantification of Cerebral Blood Flow. Ultrasound in Medicine and Biology, 2017, 43, 2758-2764.	1.5	2
81	Low cerebral blood flow after cardiac arrest is not associated with anaerobic cerebral metabolism. Resuscitation, 2017, 120, 45-50.	3.0	23
82	Development and implementation of a clinical pathway for cardiac surgery in the intensive care unit: Effects on protocol adherence. Journal of Evaluation in Clinical Practice, 2017, 23, 1289-1298.	1.8	11
83	Middle cerebral artery flow, the critical closing pressure, and the optimal mean arterial pressure in comatose cardiac arrest survivors: An observational study. Resuscitation, 2017, 110, 85-89.	3.0	42
84	Do-not-resuscitate orders in cancer patients: a review of literature. Supportive Care in Cancer, 2017, 25, 677-685.	2.2	25
85	Development of Endotoxin Tolerance Does Not Influence the Response to a Challenge with the Mucosal Live-Attenuated Influenza Vaccine in Humans In Vivo. Frontiers in Immunology, 2017, 8, 1600.	4.8	12
86	Potentially Inadvertent Immunomodulation: Norepinephrine Use in Sepsis. American Journal of Respiratory and Critical Care Medicine, 2016, 194, 550-558.	5.6	105
87	Assessment of dead-space ventilation in patients with acute respiratory distress syndrome: a prospective observational study. Critical Care, 2016, 20, 121.	5.8	34
88	Strategies to optimize respiratory muscle function in ICU patients. Critical Care, 2016, 20, 103.	5.8	33
89	Increased risk for secondary infections in trauma patients with viral reactivation. Intensive Care Medicine, 2016, 42, 1828-1829.	8.2	6
90	Validation of the Dutch language version of the Safety Attitudes Questionnaire (SAQ-NL). BMC Health Services Research, 2016, 16, 385.	2.2	32

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91	Nursesâ€™ worryâ€™ as predictor of deteriorating surgical ward patients: A prospective cohort study of the Dutch-Early-Nurse-Worry-Indicator-Score. <i>International Journal of Nursing Studies</i> , 2016, 59, 134-140.	5.6	52
92	Plasma levels of danger-associated molecular patterns are associated with immune suppression in trauma patients. <i>Intensive Care Medicine</i> , 2016, 42, 551-561.	8.2	146
93	Short-term hyperoxia does not exert immunologic effects during experimental murine and human endotoxemia. <i>Scientific Reports</i> , 2015, 5, 17441.	3.3	20
94	Midline shift in relation to thickness of traumatic acute subdural hematoma predicts mortality. <i>BMC Neurology</i> , 2015, 15, 220.	1.8	39
95	Nursesâ€™ worry or concern and early recognition of deteriorating patients on general wards in acute care hospitals: a systematic review. <i>Critical Care</i> , 2015, 19, 230.	5.8	124
96	Transvenous vagus nerve stimulation does not modulate the innate immune response during experimental human endotoxemia: a randomized controlled study. <i>Arthritis Research and Therapy</i> , 2015, 17, 150.	3.5	35
97	Rationing in the intensive care unit in case of full bed occupancy: a survey among intensive care unit physicians. <i>BMC Anesthesiology</i> , 2015, 16, 25.	1.8	20
98	Hemodynamic volumetry using transpulmonary ultrasound dilution (TPUD) technology in a neonatal animal model. <i>Journal of Clinical Monitoring and Computing</i> , 2015, 29, 643-652.	1.6	9
99	Levosimendan affects oxidative and inflammatory pathways in the diaphragm of ventilated endotoxemic mice. <i>Critical Care</i> , 2015, 19, 69.	5.8	18
100	Cell-type-specific downregulation of heme oxygenase-1 by lipopolysaccharide via Bach1 in primary human mononuclear cells. <i>Free Radical Biology and Medicine</i> , 2015, 78, 224-232.	2.9	21
101	Seventy-two hours of mild hypothermia after cardiac arrest is associated with a lowered inflammatory response during rewarming in a prospective observational study. <i>Critical Care</i> , 2014, 18, 546.	5.8	43
102	Effect of preadmission sunlight exposure on intensive care unitâ€™acquired delirium: A multicenter study. <i>Journal of Critical Care</i> , 2014, 29, 283-286.	2.2	13
103	Effect of the antihepcidin Spiegelmer lexaptetid on inflammation-induced decrease in serum iron in humans. <i>Blood</i> , 2014, 124, 2643-2646.	1.4	96
104	Immunotherapy for the Adjunctive Treatment of Sepsis: From Immunosuppression to Immunostimulation. Time for a Paradigm Change?. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013, 187, 1287-1293.	5.6	221
105	Intensive insulin therapy does not alter the inflammatory response in patients undergoing coronary artery bypass grafting: a randomized controlled trial [ISRCTN95608630]. <i>Critical Care</i> , 2005, 9, R790.	5.8	40