

# 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	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
2	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
3	Kallikrein-kinin blockade in patients with COVID-19 to prevent acute respiratory distress syndrome. <i>ELife</i> , 2020, 9, .	6.0	235
4	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
5	Influenza-associated Aspergillosis in Critically Ill Patients. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 196, 524-527.	5.6	176
6	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
7	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
8	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
9	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
10	Potentially Inadvertent Immunomodulation: Norepinephrine Use in Sepsis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016, 194, 550-558.	5.6	105
11	Anakinra treatment in critically ill COVID-19 patients: a prospective cohort study. <i>Critical Care</i> , 2020, 24, 688.	5.8	100
12	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
13	<scp>COVID</scp>â€™19: immunopathology, pathophysiological mechanisms, and treatment options. <i>Journal of Pathology</i> , 2021, 254, 307-331.	4.5	86
14	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
15	Coronary Angiography After Cardiac Arrest Without ST Segment Elevation. <i>JAMA Cardiology</i> , 2020, 5, 1358.	6.1	65
16	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
17	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
18	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

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19	Advanced respiratory monitoring in COVID-19 patients: use less PEEP!. <i>Critical Care</i> , 2020, 24, 230.	5.8	54
20	Nursesâ€™ â€˜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
21	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
22	Respiratory Muscle Effort during Expiration in Successful and Failed Weaning from Mechanical Ventilation. <i>Anesthesiology</i> , 2018, 129, 490-501.	2.5	50
23	Functional assessment of the diaphragm by speckle tracking ultrasound during inspiratory loading. <i>Journal of Applied Physiology</i> , 2017, 123, 1063-1070.	2.5	49
24	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
25	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
26	Middle cerebral artery flow, the critical closing pressure, and the optimal mean arterial pressure in comatose cardiac arrest survivorsâ€™An observational study. <i>Resuscitation</i> , 2017, 110, 85-89.	3.0	42
27	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
28	Midline shift in relation to thickness of traumatic acute subdural hematoma predicts mortality. <i>BMC Neurology</i> , 2015, 15, 220.	1.8	39
29	Estimation of the diaphragm neuromuscular efficiency index in mechanically ventilated critically ill patients. <i>Critical Care</i> , 2018, 22, 238.	5.8	39
30	Recognizing and supporting morally injured ICU professionals during the COVID-19 pandemic. <i>Intensive Care Medicine</i> , 2020, 46, 1653-1654.	8.2	36
31	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
32	Capturing early signs of deterioration: the dutchâ€™earlyâ€™nurseâ€™worryâ€™indicatorâ€™score and its value in the Rapid Response System. <i>Journal of Clinical Nursing</i> , 2017, 26, 2605-2613.	3.0	35
33	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
34	Assessment of dead-space ventilation in patients with acute respiratory distress syndrome: a prospective observational study. <i>Critical Care</i> , 2016, 20, 121.	5.8	34
35	Strategies to optimize respiratory muscle function in ICU patients. <i>Critical Care</i> , 2016, 20, 103.	5.8	33
36	Validation of the Dutch language version of the Safety Attitudes Questionnaire (SAQ-NL). <i>BMC Health Services Research</i> , 2016, 16, 385.	2.2	32

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37	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
38	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
39	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
40	Variation in rates of ICU readmissions and post-ICU in-hospital mortality and their association with ICU discharge practices. <i>BMC Health Services Research</i> , 2017, 17, 281.	2.2	26
41	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
42	Do-not-resuscitate orders in cancer patients: a review of literature. <i>Supportive Care in Cancer</i> , 2017, 25, 677-685.	2.2	25
43	Temporal biomarker profiles and their association with ICU acquired delirium: a cohort study. <i>Critical Care</i> , 2018, 22, 137.	5.8	25
44	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
45	Low cerebral blood flow after cardiac arrest is not associated with anaerobic cerebral metabolism. <i>Resuscitation</i> , 2017, 120, 45-50.	3.0	23
46	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
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	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
49	Potential of Contrast-Enhanced Ultrasound as a Bedside Monitoring Technique in Cerebral Perfusion: a Systematic Review. <i>Ultrasound in Medicine and Biology</i> , 2017, 43, 2751-2757.	1.5	21
50	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
51	Prolonged Unconsciousness Following Severe COVID-19. <i>Neurology</i> , 2021, 96, e1437-e1442.	1.1	21
52	Short-term hyperoxia does not exert immunologic effects during experimental murine and human endotoxemia. <i>Scientific Reports</i> , 2015, 5, 17441.	3.3	20
53	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
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	Levosimendan affects oxidative and inflammatory pathways in the diaphragm of ventilated endotoxemic mice. <i>Critical Care</i> , 2015, 19, 69.	5.8	18
56	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
57	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
58	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
59	Implementation and Evaluation of a Clinical Pathway for Pancreaticoduodenectomy Procedures: a Prospective Cohort Study. <i>Journal of Gastrointestinal Surgery</i> , 2017, 21, 1428-1441.	1.7	14
60	Effect of preadmission sunlight exposure on intensive care unit-acquired delirium: A multicenter study. <i>Journal of Critical Care</i> , 2014, 29, 283-286.	2.2	13
61	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
62	Surgical ward nurses' responses to worry: An observational descriptive study. <i>International Journal of Nursing Studies</i> , 2018, 85, 90-95.	5.6	13
63	The Implementation of a Multidisciplinary Approach for Potential Organ Donors in the Emergency Department. <i>Transplantation</i> , 2019, 103, 2359-2365.	1.0	13
64	Hemodynamic response to $\beta$ -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
65	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
66	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
67	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
68	Development of Endotoxin Tolerance Does Not Influence the Response to a Challenge with the Mucosal Live-Attenuated Influenza Vaccine in Humans In Vivo. <i>Frontiers in Immunology</i> , 2017, 8, 1600.	4.8	12
69	Development and implementation of a clinical pathway for cardiac surgery in the intensive care unit: Effects on protocol adherence. <i>Journal of Evaluation in Clinical Practice</i> , 2017, 23, 1289-1298.	1.8	11
70	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
71	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
72	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

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73	Appointing nurses trained in organ donation to improve family consent rates. <i>Nursing in Critical Care</i> , 2020, 25, 299-304.	2.3	9
74	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
75	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
76	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
77	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
78	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
79	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
80	Hypoxia attenuates inflammation-induced hepcidin synthesis during experimental human endotoxemia. <i>Haematologica</i> , 2019, 104, e230-e232.	3.5	7
81	Increased risk for secondary infections in trauma patients with viral reactivation. <i>Intensive Care Medicine</i> , 2016, 42, 1828-1829.	8.2	6
82	Quantification of Macrocirculation and Microcirculation in Brain Using Ultrasound Perfusion Imaging. <i>Acta Neurochirurgica Supplementum</i> , 2018, 126, 115-120.	1.0	6
83	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
84	COVID-19: 10 things I wished Iâ€™d known some months ago. <i>Intensive Care Medicine</i> , 2020, 46, 1449-1452.	8.2	6
85	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
86	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
87	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
88	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
89	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
90	Short-term repeated HRV-16 exposure results in an attenuated immune response in vivo in humans. <i>PLoS ONE</i> , 2018, 13, e0191937.	2.5	5

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91	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
92	The influence of esmolol on right ventricular function in early experimental endotoxic shock. <i>Physiological Reports</i> , 2018, 6, e13882.	1.7	4
93	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
94	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
95	Stewart analysis unmasks 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
96	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
97	Repeatability of Bolus Kinetics Ultrasound Perfusion Imaging for the Quantification of Cerebral Blood Flow. <i>Ultrasound in Medicine and Biology</i> , 2017, 43, 2758-2764.	1.5	2
98	Neuroinflammation in cognitive decline post-cardiac surgery (the FOCUS study): an observational study protocol. <i>BMJ Open</i> , 2021, 11, e044062.	1.9	2
99	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
100	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
101	β-blockade attenuates renal blood flow in experimental endotoxic shock by reducing perfusion pressure. <i>Physiological Reports</i> , 2019, 7, e14301.	1.7	1
102	Diaphragm Atrophy as a Risk Factor for Extubation Failure. <i>Pediatric Critical Care Medicine</i> , 2021, 22, e417-e418.	0.5	1
103	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
104	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
105	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