

# Jeroen Hermanides

## List of Publications by Year in descending order

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Version: 2024-02-01

81  
papers

3,583  
citations

218677

26  
h-index

138484

58  
g-index

82  
all docs

82  
docs citations

82  
times ranked

3584  
citing authors

#	ARTICLE	IF	CITATIONS
1	Glucose variability is associated with intensive care unit mortality*. Critical Care Medicine, 2010, 38, 838-842.	0.9	916
2	Failed epidural: causes and management. British Journal of Anaesthesia, 2012, 109, 144-154.	3.4	304
3	Post-anaesthesia pulmonary complications after use of muscle relaxants (POPULAR): a multicentre, prospective observational study. Lancet Respiratory Medicine, 2019, 7, 129-140.	10.7	241
4	Hyperglycemia: a prothrombotic factor?. Journal of Thrombosis and Haemostasis, 2010, 8, 1663-1669.	3.8	227
5	Hypoglycemia is associated with intensive care unit mortality*. Critical Care Medicine, 2010, 38, 1430-1434.	0.9	172
6	Sensor-augmented pump therapy lowers HbA1c in suboptimally controlled Type 1 diabetes; a randomized controlled trial. Diabetic Medicine, 2011, 28, 1158-1167.	2.3	151
7	The effect of diabetes mellitus on the association between measures of glycaemic control and ICU mortality: a retrospective cohort study. Critical Care, 2013, 17, R52.	5.8	96
8	Adverse side effects of dexamethasone in surgical patients – an abridged Cochrane systematic review. Anaesthesia, 2019, 74, 929-939.	3.8	79
9	The effectiveness of a low-dose esketamine versus an alfentanil adjunct to propofol sedation during endoscopic retrograde cholangiopancreatography. European Journal of Anaesthesiology, 2020, 37, 394-401.	1.7	75
10	Mean glucose during ICU admission is related to mortality by a U-shaped curve in surgical and medical patients: a retrospective cohort study. Critical Care, 2010, 14, R224.	5.8	67
11	Early Postoperative Hyperglycemia Is Associated With Postoperative Complications After Pancreatoduodenectomy. Annals of Surgery, 2011, 253, 739-744.	4.2	66
12	Glycaemic control targets after traumatic brain injury: a systematic review and meta-analysis. Critical Care, 2018, 22, 11.	5.8	62
13	Current Application of Continuous Glucose Monitoring in the Treatment of Diabetes: Pros and cons. Diabetes Care, 2011, 34, S197-S201.	8.6	50
14	Empagliflozin reduces oxidative stress through inhibition of the novel inflammation/NHE/[Na <sup>+</sup> ] <sub>c</sub> /ROS-pathway in human endothelial cells. Biomedicine and Pharmacotherapy, 2022, 146, 112515.	5.6	47
15	Health-Related Quality of Life and Posttraumatic Stress Disorder among Survivors of Left-Sided Native Valve Endocarditis. Clinical Infectious Diseases, 2009, 48, 1559-1565.	5.8	45
16	Adverse side effects of dexamethasone in surgical patients. The Cochrane Library, 2019, 2019, CD011940.	2.8	45
17	Novel Anti-inflammatory Effects of Canagliflozin Involving Hexokinase II in Lipopolysaccharide-Stimulated Human Coronary Artery Endothelial Cells. Cardiovascular Drugs and Therapy, 2021, 35, 1083-1094.	2.6	44
18	Perioperative hyperglycemia and neurocognitive outcome after surgery: a systematic review. Minerva Anestesiologica, 2018, 84, 1178-1188.	1.0	43

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19	The Clinical Benefits and Accuracy of Continuous Glucose Monitoring Systems in Critically Ill Patientsâ€”A Systematic Scoping Review. <i>Sensors</i> , 2017, 17, 146.	3.8	42
20	Prognostic Value of Serial C-Reactive Protein Measurements in Left-Sided Native Valve Endocarditis. <i>Archives of Internal Medicine</i> , 2008, 168, 302.	3.8	41
21	Periâ€“operative management of patients with typeâ€“2 diabetes mellitus undergoing nonâ€“cardiac surgery using liraglutide, glucoseâ€“insulinâ€“potassium infusion or intravenous insulin bolus regimens: a randomised controlled trial. <i>Anaesthesia</i> , 2018, 73, 332-339.	3.8	41
22	Venous thrombosis is associated with hyperglycemia at diagnosis: a caseâ€“control study. <i>Journal of Thrombosis and Haemostasis</i> , 2009, 7, 945-949.	3.8	40
23	Adverse side effects of dexamethasone in surgical patients. <i>The Cochrane Library</i> , 0, , .	2.8	40
24	Effects of Hyperglycemia and Diabetes Mellitus on Coagulation and Hemostasis. <i>Journal of Clinical Medicine</i> , 2021, 10, 2419.	2.4	40
25	Sodium Glucose Co-Transporter 2 Inhibitors Ameliorate Endothelium Barrier Dysfunction Induced by Cyclic Stretch through Inhibition of Reactive Oxygen Species. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6044.	4.1	37
26	Adverse side effects of dexamethasone in surgical patients. <i>The Cochrane Library</i> , 2018, 8, CD011940.	2.8	36
27	Systematic review of incretin therapy during peri-operative and intensive care. <i>Critical Care</i> , 2018, 22, 299.	5.8	31
28	Liraglutide for perioperative management of hyperglycaemia in cardiac surgery patients: a multicentre randomized superiority trial. <i>Diabetes, Obesity and Metabolism</i> , 2020, 22, 557-565.	4.4	28
29	Microcirculation and its relation to continuous subcutaneous glucose sensor accuracy in cardiac surgery patients in the intensive care unit. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2013, 146, 1283-1289.	0.8	25
30	Stress-induced hyperglycaemia and venous thromboembolism following total hip or total knee arthroplasty. <i>Thrombosis and Haemostasis</i> , 2012, 107, 225-231.	3.4	22
31	Preoperative considerations of new long-acting glucagon-like peptide-1 receptor agonists in diabetes mellitus. <i>British Journal of Anaesthesia</i> , 2021, 126, 567-571.	3.4	21
32	Presumed Î²-Lactam Allergy and Cross-reactivity in the Operating Theater. <i>Anesthesiology</i> , 2018, 129, 335-342.	2.5	20
33	Postprandial Glycemic Excursions with the Use of a Closed-Loop Platform in Subjects with Type 1 Diabetes: A Pilot Study. <i>Journal of Diabetes Science and Technology</i> , 2010, 4, 923-928.	2.2	19
34	Accuracy and Reliability of Continuous Glucose Monitoring in the Intensive Care Unit: A Head-to-Head Comparison of Two Subcutaneous Glucose Sensors in Cardiac Surgery Patients. <i>Diabetes Care</i> , 2011, 34, e31-e31.	8.6	19
35	Metabolic derangements are associated with impaired glucose delivery following traumatic brain injury. <i>Brain</i> , 2021, 144, 3492-3504.	7.6	19
36	Study protocol for the TRUSt trial: a pragmatic randomised controlled trial comparing the standard of care with a transitional pain service for patients at risk of chronic postsurgical pain undergoing surgery. <i>BMJ Open</i> , 2021, 11, e049676.	1.9	19

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37	Comparison of Continuous Nerve Block Versus Patient-Controlled Analgesia for Postoperative Pain and Outcome After Talar and Calcaneal Fractures. <i>Foot and Ankle International</i> , 2014, 35, 1116-1121.	2.3	18
38	Safety of moderate-to-deep sedation performed by sedation practitioners. <i>European Journal of Anaesthesiology</i> , 2018, 35, 659-666.	1.7	18
39	Effect of Cognitive Aids on Adherence to Best Practice in the Treatment of Deteriorating Surgical Patients. <i>JAMA Surgery</i> , 2020, 155, e194704.	4.3	18
40	Amelioration of endothelial dysfunction by sodium glucose co-transporter 2 inhibitors: pieces of the puzzle explaining their cardiovascular protection. <i>British Journal of Pharmacology</i> , 2022, 179, 4047-4062.	5.4	16
41	Sense and nonsense in sensors. <i>Diabetologia</i> , 2010, 53, 593-596.	6.3	15
42	Perioperative continuation of metformin does not improve glycaemic control in patients with type 2 diabetes: a randomized controlled trial. <i>Diabetes, Obesity and Metabolism</i> , 2018, 20, 749-752.	4.4	15
43	No Apparent Local Effect of Insulin on Microdialysis Continuous Glucose- Monitoring Measurements. <i>Diabetes Care</i> , 2008, 31, 1120-1122.	8.6	13
44	The role of intraoperative hypotension on the development of postoperative cognitive dysfunction: a systematic review. <i>Journal of Clinical Anesthesia</i> , 2021, 72, 110310.	1.6	13
45	Elevated cerebrospinal fluid glucose levels and diabetes mellitus are associated with activation of the neurotoxic polyol pathway. <i>Diabetologia</i> , 2022, 65, 1098-1107.	6.3	11
46	Perioperative Hyperglycemia and Glucose Variability in Gynecologic Laparotomies. <i>Journal of Diabetes Science and Technology</i> , 2016, 10, 145-150.	2.2	10
47	Novel method for intraoperative assessment of cerebral autoregulation by paced breathing. <i>British Journal of Anaesthesia</i> , 2017, 119, 1141-1149.	3.4	10
48	Update for Anaesthetists on Clinical Features of COVID-19 Patients and Relevant Management. <i>Journal of Clinical Medicine</i> , 2020, 9, 1495.	2.4	10
49	Sensor-Augmented Insulin Pump Therapy to Treat Hyperglycemia at the Coronary Care Unit: A Randomized Clinical Pilot Trial. <i>Diabetes Technology and Therapeutics</i> , 2010, 12, 537-542.	4.4	9
50	The Added Value of Oral Glucose Tolerance Testing in Pre-Diabetes. <i>Current Diabetes Reviews</i> , 2011, 7, 56-60.	1.3	9
51	Safety of epidural drugs: a narrative review. <i>Expert Opinion on Drug Safety</i> , 2019, 18, 591-601.	2.4	9
52	Awake intravenous provocation with small doses of neuromuscular blocking agent in patients with suspected allergy: experiences from the Dutch Perioperative Allergy Centre. <i>British Journal of Anaesthesia</i> , 2019, 123, e153-e155.	3.4	9
53	Study protocol of a randomised controlled trial comparing perioperative intravenous insulin, GIK or GLP-1 treatment in diabetes – PILGRIM trial. <i>BMC Anesthesiology</i> , 2014, 14, 91.	1.8	8
54	Study protocol of the randomised placebo-controlled GLOBE trial: Glucose-priming of hyperglycemia during cardiac surgery. <i>BMJ Open</i> , 2018, 8, e022189.	1.9	8

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55	Current multidisciplinary approaches to preventing chronic postoperative pain. <i>British Journal of Anaesthesia</i> , 2021, 127, 331-335.	3.4	8
56	Sevoflurane based anaesthesia does not affect already impaired cerebral autoregulation in patients with type 2 diabetes mellitus. <i>British Journal of Anaesthesia</i> , 2018, 121, 1298-1307.	3.4	7
57	Optimal Perioperative Pain Management in Esophageal Surgery: An Evaluation of Paravertebral Analgesia. <i>Annals of Surgical Oncology</i> , 2021, 28, 6321-6328.	1.5	7
58	Lowering blood glucose during hip surgery does not influence coagulation activation. <i>BBA Clinical</i> , 2015, 3, 227-232.	4.1	6
59	An automated reminder for perioperative glucose regulation improves protocol compliance. <i>Diabetes Research and Clinical Practice</i> , 2016, 116, 80-82.	2.8	6
60	Sensor-augmented insulin pump more effective than multiple daily insulin injections for reducing HbA1C in people with poorly controlled type 1 diabetes. <i>Evidence-Based Medicine</i> , 2011, 16, 46-48.	0.6	5
61	Incretin Physiology and Pharmacology in the Intensive Care Unit. <i>Critical Care Clinics</i> , 2019, 35, 341-355.	2.6	5
62	Lack of consensus on the peri-operative management of patients with diabetes mellitus. <i>European Journal of Anaesthesiology</i> , 2019, 36, 168-169.	1.7	5
63	Comparison of perioperative glucose regulation in patients with type 1 vs type 2 diabetes mellitus: A retrospective cross-sectional study. <i>Acta Anaesthesiologica Scandinavica</i> , 2019, 63, 314-321.	1.6	5
64	Protocol for a prospective, international cohort study on the Management and Outcomes of Perioperative Care among European Diabetic Patients (MOPED). <i>BMJ Open</i> , 2021, 11, e044394.	1.9	5
65	The incidence of diabetes mellitus following pulmonary embolism: a retrospective cohort study. <i>Journal of Thrombosis and Haemostasis</i> , 2012, 10, 2628-2630.	3.8	4
66	Efficacy of continuous intravenous glucose monitoring in perioperative glycaemic control: a randomized controlled study. <i>British Journal of Anaesthesia</i> , 2017, 118, 264-266.	3.4	4
67	Appreciation of literature by the anaesthetist: A comparison of citations, downloads and Altmetric Attention Score. <i>Acta Anaesthesiologica Scandinavica</i> , 2020, 64, 823-828.	1.6	4
68	Effects of Liraglutide on Myocardial Function After Cardiac Surgery: A Secondary Analysis of the Randomised Controlled GLOBE Trial. <i>Journal of Clinical Medicine</i> , 2020, 9, 673.	2.4	4
69	High incidence of outcome switching observed in follow-up publications of randomized controlled trials: Meta-research study. <i>Journal of Clinical Epidemiology</i> , 2021, 137, 236-240.	5.0	4
70	Potential Benefits of Sodium-Glucose Cotransporter-2 Inhibitors in the Perioperative Period. <i>Anesthesia and Analgesia</i> , 2018, 127, 306-307.	2.2	2
71	Second Update for Anaesthetists on Clinical Features of COVID-19 Patients and Relevant Management. <i>Journal of Clinical Medicine</i> , 2020, 9, 2542.	2.4	2
72	Perioperative approach of allergic patients. <i>Bailliere's Best Practice and Research in Clinical Anaesthesiology</i> , 2021, 35, 11-25.	4.0	2

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73	Less common types of diabetes mellitus: Incidence and glucose control in the perioperative setting. <i>Journal of Clinical Anesthesia</i> , 2021, 75, 110460.	1.6	2
74	Extension of antimicrobial treatment in patients with left-sided native valve endocarditis based on elevated C-reactive protein values. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2007, 26, 587-590.	2.9	1
75	The prevalence of cardiovascular autonomic neuropathy and its influence on post induction hemodynamic variables in patients with and without diabetes; A prospective cohort study. <i>PLoS ONE</i> , 2018, 13, e0207384.	2.5	1
76	Preoperative Continuation of Oral Hypoglycemic Drugs. <i>Anesthesia and Analgesia</i> , 2019, 128, e49.	2.2	1
77	Is it time to personalise glucose targets during critical illness?. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2022, 25, 364-369.	2.5	1
78	Perioperative cerebrospinal fluid sorbitol and fructose concentrations in patients undergoing thoracic aortic surgery. <i>British Journal of Anaesthesia</i> , 2022, , .	3.4	1
79	In response to: Metformin for the management of perioperative hyperglycaemia. <i>Diabetes, Obesity and Metabolism</i> , 2018, 20, 755-755.	4.4	0
80	Î²-Lactam Allergy in the Operating Theater: Reply. <i>Anesthesiology</i> , 2019, 130, 855-856.	2.5	0
81	Comparing collaboration: a study into co-authorship behaviour of anaesthetists and surgeons. <i>British Journal of Anaesthesia</i> , 2020, 124, e20-e21.	3.4	0