

# Jeroen Hermanides

## List of Publications by Year in descending order

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Version: 2024-02-01

81  
papers

3,583  
citations

218592

26  
h-index

138417

58  
g-index

82  
all docs

82  
docs citations

82  
times ranked

3584  
citing authors

#	ARTICLE	IF	CITATIONS
1	Empagliflozin reduces oxidative stress through inhibition of the novel inflammation/NHE/[Na <sup>+</sup> ] <sub>c</sub> /ROS-pathway in human endothelial cells. <i>Biomedicine and Pharmacotherapy</i> , 2022, 146, 112515.	2.5	47
2	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.	2.7	16
3	Elevated cerebrospinal fluid glucose levels and diabetes mellitus are associated with activation of the neurotoxic polyol pathway. <i>Diabetologia</i> , 2022, 65, 1098-1107.	2.9	11
4	Is it time to personalise glucose targets during critical illness?. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2022, 25, 364-369.	1.3	1
5	Perioperative cerebrospinal fluid sorbitol and fructose concentrations in patients undergoing thoracic aortic surgery. <i>British Journal of Anaesthesia</i> , 2022, , .	1.5	1
6	Novel Anti-inflammatory Effects of Canagliflozin Involving Hexokinase II in Lipopolysaccharide-Stimulated Human Coronary Artery Endothelial Cells. <i>Cardiovascular Drugs and Therapy</i> , 2021, 35, 1083-1094.	1.3	44
7	Perioperative approach of allergic patients. <i>Bailliere's Best Practice and Research in Clinical Anaesthesiology</i> , 2021, 35, 11-25.	1.7	2
8	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.	1.5	21
9	Effects of Hyperglycemia and Diabetes Mellitus on Coagulation and Hemostasis. <i>Journal of Clinical Medicine</i> , 2021, 10, 2419.	1.0	40
10	Optimal Perioperative Pain Management in Esophageal Surgery: An Evaluation of Paravertebral Analgesia. <i>Annals of Surgical Oncology</i> , 2021, 28, 6321-6328.	0.7	7
11	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.	1.8	37
12	Metabolic derangements are associated with impaired glucose delivery following traumatic brain injury. <i>Brain</i> , 2021, 144, 3492-3504.	3.7	19
13	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.	0.8	19
14	The role of intraoperative hypotension on the development of postoperative cognitive dysfunction: a systematic review. <i>Journal of Clinical Anesthesia</i> , 2021, 72, 110310.	0.7	13
15	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.	0.8	5
16	Current multidisciplinary approaches to preventing chronic postoperative pain. <i>British Journal of Anaesthesia</i> , 2021, 127, 331-335.	1.5	8
17	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.	2.4	4
18	Less common types of diabetes mellitus: Incidence and glucose control in the perioperative setting. <i>Journal of Clinical Anesthesia</i> , 2021, 75, 110460.	0.7	2

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19	Comparing collaboration: a study into co-authorship behaviour of anaesthetists and surgeons. <i>British Journal of Anaesthesia</i> , 2020, 124, e20-e21.	1.5	0
20	Effect of Cognitive Aids on Adherence to Best Practice in the Treatment of Deteriorating Surgical Patients. <i>JAMA Surgery</i> , 2020, 155, e194704.	2.2	18
21	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.	2.2	28
22	The effectiveness of a low-dose esketamine versus an alfentanil adjunct to propofol sedation during endoscopic retrograde cholangiopancreatography. <i>European Journal of Anaesthesiology</i> , 2020, 37, 394-401.	0.7	75
23	Second Update for Anaesthetists on Clinical Features of COVID-19 Patients and Relevant Management. <i>Journal of Clinical Medicine</i> , 2020, 9, 2542.	1.0	2
24	Update for Anaesthetists on Clinical Features of COVID-19 Patients and Relevant Management. <i>Journal of Clinical Medicine</i> , 2020, 9, 1495.	1.0	10
25	Appreciation of literature by the anaesthetist: A comparison of citations, downloads and Altmetric Attention Score. <i>Acta Anaesthesiologica Scandinavica</i> , 2020, 64, 823-828.	0.7	4
26	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.	1.0	4
27	Adverse side effects of dexamethasone in surgical patients. <i>The Cochrane Library</i> , 2019, 2019, CD011940.	1.5	45
28	Incretin Physiology and Pharmacology in the Intensive Care Unit. <i>Critical Care Clinics</i> , 2019, 35, 341-355.	1.0	5
29	Safety of epidural drugs: a narrative review. <i>Expert Opinion on Drug Safety</i> , 2019, 18, 591-601.	1.0	9
30	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.	1.5	9
31	Adverse side effects of dexamethasone in surgical patients – an abridged Cochrane systematic review. <i>Anaesthesia</i> , 2019, 74, 929-939.	1.8	79
32	Lack of consensus on the peri-operative management of patients with diabetes mellitus. <i>European Journal of Anaesthesiology</i> , 2019, 36, 168-169.	0.7	5
33	Preoperative Continuation of Oral Hypoglycemic Drugs. <i>Anesthesia and Analgesia</i> , 2019, 128, e49.	1.1	1
34	β-Lactam Allergy in the Operating Theater: Reply. <i>Anesthesiology</i> , 2019, 130, 855-856.	1.3	0
35	Post-anaesthesia pulmonary complications after use of muscle relaxants (POPULAR): a multicentre, prospective observational study. <i>Lancet Respiratory Medicine</i> , 2019, 7, 129-140.	5.2	241
36	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.	0.7	5

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37	Potential Benefits of Sodium-Glucose Cotransporter-2 Inhibitors in the Perioperative Period. <i>Anesthesia and Analgesia</i> , 2018, 127, 306-307.	1.1	2
38	Perioperative management of patients with type 2 diabetes mellitus undergoing noncardiac surgery using liraglutide, glucose-insulin-potassium infusion or intravenous insulin bolus regimens: a randomised controlled trial. <i>Anaesthesia</i> , 2018, 73, 332-339.	1.8	41
39	In response to: Metformin for the management of perioperative hyperglycaemia. <i>Diabetes, Obesity and Metabolism</i> , 2018, 20, 755-755.	2.2	0
40	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.	2.2	15
41	Perioperative hyperglycemia and neurocognitive outcome after surgery: a systematic review. <i>Minerva Anestesiologica</i> , 2018, 84, 1178-1188.	0.6	43
42	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.	1.1	1
43	Adverse side effects of dexamethasone in surgical patients. <i>The Cochrane Library</i> , 2018, 8, CD011940.	1.5	36
44	Systematic review of incretin therapy during peri-operative and intensive care. <i>Critical Care</i> , 2018, 22, 299.	2.5	31
45	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.	1.5	7
46	Study protocol of the randomised placebo-controlled GLOBE trial: GLP-1 receptor blocking of hyperglycaemia during cardiac surgery. <i>BMJ Open</i> , 2018, 8, e022189.	0.8	8
47	Glycaemic control targets after traumatic brain injury: a systematic review and meta-analysis. <i>Critical Care</i> , 2018, 22, 11.	2.5	62
48	Presumed $\beta$ -Lactam Allergy and Cross-reactivity in the Operating Theater. <i>Anesthesiology</i> , 2018, 129, 335-342.	1.3	20
49	Safety of moderate-to-deep sedation performed by sedation practitioners. <i>European Journal of Anaesthesiology</i> , 2018, 35, 659-666.	0.7	18
50	Novel method for intraoperative assessment of cerebral autoregulation by paced breathing. <i>British Journal of Anaesthesia</i> , 2017, 119, 1141-1149.	1.5	10
51	Efficacy of continuous intravenous glucose monitoring in perioperative glycaemic control: a randomized controlled study. <i>British Journal of Anaesthesia</i> , 2017, 118, 264-266.	1.5	4
52	The Clinical Benefits and Accuracy of Continuous Glucose Monitoring Systems in Critically Ill Patients: A Systematic Scoping Review. <i>Sensors</i> , 2017, 17, 146.	2.1	42
53	An automated reminder for perioperative glucose regulation improves protocol compliance. <i>Diabetes Research and Clinical Practice</i> , 2016, 116, 80-82.	1.1	6
54	Perioperative Hyperglycemia and Glucose Variability in Gynecologic Laparotomies. <i>Journal of Diabetes Science and Technology</i> , 2016, 10, 145-150.	1.3	10

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55	Lowering blood glucose during hip surgery does not influence coagulation activation. <i>BBA Clinical</i> , 2015, 3, 227-232.	4.1	6
56	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.	0.7	8
57	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.	1.1	18
58	The effect of diabetes mellitus on the association between measures of glycaemic control and ICU mortality: a retrospective cohort study. <i>Critical Care</i> , 2013, 17, R52.	2.5	96
59	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.	0.4	25
60	The incidence of diabetes mellitus following pulmonary embolism: a retrospective cohort study. <i>Journal of Thrombosis and Haemostasis</i> , 2012, 10, 2628-2630.	1.9	4
61	Stress-induced hyperglycaemia and venous thromboembolism following total hip or total knee arthroplasty. <i>Thrombosis and Haemostasis</i> , 2012, 107, 225-231.	1.8	22
62	Failed epidural: causes and management. <i>British Journal of Anaesthesia</i> , 2012, 109, 144-154.	1.5	304
63	The Added Value of Oral Glucose Tolerance Testing in Pre-Diabetes. <i>Current Diabetes Reviews</i> , 2011, 7, 56-60.	0.6	9
64	Early Postoperative Hyperglycemia Is Associated With Postoperative Complications After Pancreatoduodenectomy. <i>Annals of Surgery</i> , 2011, 253, 739-744.	2.1	66
65	Sensor-augmented pump therapy lowers HbA1c in suboptimally controlled Type 1 diabetes; a randomized controlled trial. <i>Diabetic Medicine</i> , 2011, 28, 1158-1167.	1.2	151
66	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.	4.3	19
67	Current Application of Continuous Glucose Monitoring in the Treatment of Diabetes: Pros and cons. <i>Diabetes Care</i> , 2011, 34, S197-S201.	4.3	50
68	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
69	Glucose variability is associated with intensive care unit mortality*. <i>Critical Care Medicine</i> , 2010, 38, 838-842.	0.4	916
70	Hypoglycemia is associated with intensive care unit mortality*. <i>Critical Care Medicine</i> , 2010, 38, 1430-1434.	0.4	172
71	Sense and nonsense in sensors. <i>Diabetologia</i> , 2010, 53, 593-596.	2.9	15
72	Hyperglycemia: a prothrombotic factor?. <i>Journal of Thrombosis and Haemostasis</i> , 2010, 8, 1663-1669.	1.9	227

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73	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.	1.3	19
74	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.	2.4	9
75	Mean glucose during ICU admission is related to mortality by a U-shaped curve in surgical and medical patients: a retrospective cohort study. <i>Critical Care</i> , 2010, 14, R224.	2.5	67
76	Health-Related Quality of Life and Posttraumatic Stress Disorder among Survivors of Left-Sided Native Valve Endocarditis. <i>Clinical Infectious Diseases</i> , 2009, 48, 1559-1565.	2.9	45
77	Venous thrombosis is associated with hyperglycemia at diagnosis: a case-control study. <i>Journal of Thrombosis and Haemostasis</i> , 2009, 7, 945-949.	1.9	40
78	No Apparent Local Effect of Insulin on Microdialysis Continuous Glucose-Monitoring Measurements. <i>Diabetes Care</i> , 2008, 31, 1120-1122.	4.3	13
79	Prognostic Value of Serial C-Reactive Protein Measurements in Left-Sided Native Valve Endocarditis. <i>Archives of Internal Medicine</i> , 2008, 168, 302.	4.3	41
80	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.	1.3	1
81	Adverse side effects of dexamethasone in surgical patients. <i>The Cochrane Library</i> , 0, , .	1.5	40