

Markus Hollmann

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

345
papers

9,982
citations

50
h-index

89
g-index

370
ext. papers

12,589
ext. citations

5.1
avg. IF

6.25
L-index

#	Paper	IF	Citations
345	The Effect of Hyperbaric Oxygen Therapy on Markers of Oxidative Stress and the Immune Response in Healthy Volunteers.. <i>Frontiers in Physiology</i> , 2022 , 13, 826163	4.6	2
344	Geo-economic variations in epidemiology, ventilation management and outcome of patients receiving intraoperative ventilation during general anesthesia- posthoc analysis of an observational study in 29 countries.. <i>BMC Anesthesiology</i> , 2022 , 22, 15	2.4	
343	Effects of surgery and general anaesthesia on sleep-wake timing: CLOCKS observational study. <i>Anaesthesia</i> , 2022 , 77, 73-81	6.6	4
342	Validation of the PreOperative Score to predict Post-Operative Mortality (POSPOM) in Dutch non-cardiac surgery patients.. <i>BMC Anesthesiology</i> , 2022 , 22, 58	2.4	1
341	Direct cardiac effects of SGLT2 inhibitors.. <i>Cardiovascular Diabetology</i> , 2022 , 21, 45	8.7	5
340	B-Guided PEEP in the Operating RoomDo We Need More Guidance?. <i>Anesthesia and Analgesia</i> , 2022 , 134, e40-e41	3.9	
339	Prognostication using SpO ₂ /F _{IO} in invasively ventilated ICU patients with ARDS due to COVID-19 - Insights from the PRoVENT-COVID study. <i>Journal of Critical Care</i> , 2021 , 68, 31-37	4	3
338	Empagliflozin reduces oxidative stress through inhibition of the novel inflammation/NHE/[Na ⁺]/ROS-pathway in human endothelial cells.. <i>Biomedicine and Pharmacotherapy</i> , 2021 , 146, 112515	7.5	8
337	Interaction of Opioids with TLR4-Mechanisms and Ramifications. <i>Cancers</i> , 2021 , 13,	6.6	3
336	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	3.9	16
335	The Association of Intraoperative driving pressure with postoperative pulmonary complications in open versus closed abdominal surgery patients - a posthoc propensity score-weighted cohort analysis of the LAS VEGAS study. <i>BMC Anesthesiology</i> , 2021 , 21, 84	2.4	6
334	Pharmacological Conditioning of the Heart: An Update on Experimental Developments and Clinical Implications. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	6
333	Modeling intra-abdominal volume and respiratory driving pressure during pneumoperitoneum insufflation-a patient-level data meta-analysis. <i>Journal of Applied Physiology</i> , 2021 , 130, 721-728	3.7	2
332	Clinical performance of a machine-learning algorithm to predict intra-operative hypotension with noninvasive arterial pressure waveforms: A cohort study. <i>European Journal of Anaesthesiology</i> , 2021 , 38, 609-615	2.3	2
331	The Redox Modulating Sonlicromanol Active Metabolite KH176m and the Antioxidant MPG Protect Against Short-Duration Cardiac Ischemia-Reperfusion Injury. <i>Cardiovascular Drugs and Therapy</i> , 2021 , 35, 745-758	3.9	1
330	Combination of Cyclosporine A and Levosimendan Induces Cardioprotection under Acute Hyperglycemia. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	2
329	Goal-directed fluid therapy vs. low central venous pressure during major open liver resections (GALILEO): a surgeon- and patient-blinded randomized controlled trial. <i>Hpb</i> , 2021 , 23, 1578-1585	3.8	2

328	Enhanced PeriOperative Care and Health protection programme for the prevention of surgical site infections after elective abdominal surgery (EPOCH): statistical analysis plan of a randomised controlled multicentre superiority trial. <i>Trials</i> , 2021 , 22, 297	2.8	
327	Effects of Hyperglycemia and Diabetes Mellitus on Coagulation and Hemostasis. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	4
326	Practice of adjunctive treatments in critically ill COVID-19 patients-rational for the multicenter observational PROACT-COVID study in The Netherlands. <i>Annals of Translational Medicine</i> , 2021 , 9, 813	3.2	1
325	Clinical features and prognostic factors in Covid-19: A prospective cohort study. <i>EBioMedicine</i> , 2021 , 67, 103378	8.8	21
324	Optimal Perioperative Pain Management in Esophageal Surgery: An Evaluation of Paravertebral Analgesia. <i>Annals of Surgical Oncology</i> , 2021 , 28, 6321-6328	3.1	1
323	Bosutinib reduces endothelial permeability and organ failure in a rat polytrauma transfusion model. <i>British Journal of Anaesthesia</i> , 2021 , 126, 958-966	5.4	2
322	Assessment of the Effect of Recruitment Maneuver on Lung Aeration Through Imaging Analysis in Invasively Ventilated Patients: A Systematic Review. <i>Frontiers in Physiology</i> , 2021 , 12, 666941	4.6	4
321	Protection of healthcare workers during aerosol-generating procedures with local exhaust ventilation. <i>British Journal of Anaesthesia</i> , 2021 , 126, e220-e222	5.4	
320	Mechanisms of action of fascial plane blocks: a narrative review. <i>Regional Anesthesia and Pain Medicine</i> , 2021 , 46, 618-628	3.4	10
319	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,	6.3	11
318	A Comparison of 1000 Hz to 30 Hz Spinal Cord Stimulation Strategies in Patients with Unilateral Neuropathic Leg Pain Due to Failed Back Surgery Syndrome: A Multicenter, Randomized, Double-Blinded, Crossover Clinical Study (HALO). <i>Pain and Therapy</i> , 2021 , 10, 1189-1202	3.6	1
317	Effect of Hypotension Prediction Index-guided intraoperative haemodynamic care on depth and duration of postoperative hypotension: a sub-study of the Hypotension Prediction trial. <i>British Journal of Anaesthesia</i> , 2021 , 127, 681-688	5.4	3
316	Platelet-to-red blood cell ratio and mortality in bleeding trauma patients: A systematic review and meta-analysis. <i>Transfusion</i> , 2021 , 61 Suppl 1, S243-S251	2.9	2
315	Timing of Preoperative Antibiotic Prophylaxis and Surgical Site Infection: TAPAS, An Observational Cohort Study. <i>Annals of Surgery</i> , 2021 , 274, e308-e314	7.8	6
314	Perioperative approach of allergic patients. <i>Bailliere's Best Practice and Research in Clinical Anaesthesiology</i> , 2021 , 35, 11-25	4	0
313	Intravenous acetaminophen does not have an opioid sparing effect in Emergency Department patients with painful conditions. <i>American Journal of Emergency Medicine</i> , 2021 , 39, 1-5	2.9	2
312	Influence of room ventilation settings on aerosol clearance and distribution. <i>British Journal of Anaesthesia</i> , 2021 , 126, e49-e52	5.4	7
311	Optimizing airway management and ventilation during prehospital advanced life support in out-of-hospital cardiac arrest: A narrative review. <i>Bailliere's Best Practice and Research in Clinical Anaesthesiology</i> , 2021 , 35, 67-82	4	5

310	Dexmedetomidine Provides Cardioprotection During Early or Late Reperfusion Mediated by Different Mitochondrial K ⁺ -Channels. <i>Anesthesia and Analgesia</i> , 2021 , 132, 253-260	3.9	3
309	Ventilation management and clinical outcomes in invasively ventilated patients with COVID-19 (PRoVENT-COVID): a national, multicentre, observational cohort study. <i>Lancet Respiratory Medicine</i> , 2021 , 9, 139-148	35.1	101
308	Cost-effectiveness of immediate total-body CT in patients with severe trauma (REACT-2 trial). <i>British Journal of Surgery</i> , 2021 , 108, 277-285	5.3	2
307	Ventilation practices in burn patients-an international prospective observational cohort study.. <i>Burns and Trauma</i> , 2021 , 9, tkab034	5.3	0
306	Intracranial hematoma and abscess after neuraxial analgesia and anesthesia: a review of the literature describing 297 cases. <i>Regional Anesthesia and Pain Medicine</i> , 2021 , 46, 337-343	3.4	1
305	Association of intraoperative hypotension with postoperative morbidity and mortality: systematic review and meta-analysis. <i>BJS Open</i> , 2021 , 5,	3.9	12
304	Cardioprotective Properties of Mannitol-Involvement of Mitochondrial Potassium Channels. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	5
303	Sex difference and intra-operative tidal volume: Insights from the LAS VEGAS study. <i>European Journal of Anaesthesiology</i> , 2021 , 38, 1034-1041	2.3	3
302	A pre-hospital risk score predicts critical illness in non-trauma patients transported by ambulance to a Dutch tertiary referral hospital. <i>Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine</i> , 2021 , 29, 32	3.6	1
301	Intravenous lidocaine: it's all about a risk-benefit analysis. <i>Anaesthesia</i> , 2021 , 76, 717-718	6.6	1
300	Formula for safe insertion depth of a pulmonary artery catheter. <i>British Journal of Anaesthesia</i> , 2021 , 127, e25-e27	5.4	0
299	Association of intensity of ventilation with 28-day mortality in COVID-19 patients with acute respiratory failure: insights from the PRoVENT-COVID study. <i>Critical Care</i> , 2021 , 25, 283	10.8	5
298	Influence of Hyperglycemia and Diabetes on Cardioprotection by Humoral Factors Released after Remote Ischemic Preconditioning (RIPC). <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	2
297	Cardioprotective Properties of Known Agents in Rat Ischemia-Reperfusion Model Under Clinically Relevant Conditions: Only the NAD Precursor Nicotinamide Riboside Reduces Infarct Size in Presence of Fentanyl, Midazolam and Cangrelor, but Not Propofol. <i>Frontiers in Cardiovascular Medicine</i> , 2021 , 8, 712-476	5.4	2
296	The role of intraoperative hypotension on the development of postoperative cognitive dysfunction: a systematic review. <i>Journal of Clinical Anesthesia</i> , 2021 , 72, 110310	1.9	1
295	Plasma and rhADAMTS13 reduce trauma-induced organ failure by restoring the ADAMTS13-VWF axis. <i>Blood Advances</i> , 2021 , 5, 3478-3491	7.8	1
294	Ipsilateral and contralateral validation of continuous noninvasive finger blood pressure: does side matter?. <i>British Journal of Anaesthesia</i> , 2021 , 127, e149-e151	5.4	0
293	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	5.7	2

292	The Routine postSurgical Anesthesia visit to improve patient outCome (TRACE) study: lessons learned. <i>British Journal of Anaesthesia</i> , 2021 , 127, e140-e142	5.4	1
291	Less common types of diabetes mellitus: Incidence and glucose control in the perioperative setting. <i>Journal of Clinical Anesthesia</i> , 2021 , 75, 110460	1.9	0
290	The effects of preoperative moderate to severe anaemia on length of hospital stay: A propensity score-matched analysis in non-cardiac surgery patients. <i>European Journal of Anaesthesiology</i> , 2021 , 38, 571-581	2.3	0
289	Opioid Receptor-Mediated and Non-Opioid Receptor-Mediated Roles of Opioids in Tumour Growth and Metastasis.. <i>Frontiers in Oncology</i> , 2021 , 11, 792290	5.3	1
288	Perioperative Cardioprotection: General Mechanisms and Pharmacological Approaches. <i>Anesthesia and Analgesia</i> , 2020 , 131, 1765-1780	3.9	9
287	Perioperative Cardioprotection: Clinical Implications. <i>Anesthesia and Analgesia</i> , 2020 , 131, 1751-1764	3.9	8
286	Perioperative Organ Failure: A Preventable Complication?. <i>Anesthesia and Analgesia</i> , 2020 , 131, 1663-1665		
285	Influence of Hyperglycemia on Dexmedetomidine-Induced Cardioprotection in the Isolated Perfused Rat Heart. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	8
284	Microbiological and scanning electron microscopic evaluation of epidural catheters. <i>Regional Anesthesia and Pain Medicine</i> , 2020 , 45, 381-385	3.4	1
283	Enhanced PeriOperative Care and Health protection programme for the prevention of surgical site infections after elective abdominal surgery (EPOCH): study protocol of a randomised controlled, multicentre, superiority trial. <i>BMJ Open</i> , 2020 , 10, e038196	3	1
282	Appreciation of literature by the anaesthetist: A comparison of citations, downloads and Altmetric Attention Score. <i>Acta Anaesthesiologica Scandinavica</i> , 2020 , 64, 823-828	1.9	2
281	The Melatonin Receptor Agonist Ramelteon Induces Cardioprotection that Requires MT2 Receptor Activation and Release of Reactive Oxygen Species. <i>Cardiovascular Drugs and Therapy</i> , 2020 , 34, 303-310	3.9	6
280	Perioperative Hyperoxyphobia: Justified or Not? Benefits and Harms of Hyperoxia during Surgery. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	12
279	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,	5.1	2
278	Defining human mean circulatory filling pressure in the intensive care unit. <i>Journal of Applied Physiology</i> , 2020 , 129, 311-316	3.7	
277	Paravertebral catheter versus EPidural analgesia in Minimally invasive Esophageal resectioN: a randomized controlled multicenter trial (PEPMEN trial). <i>BMC Cancer</i> , 2020 , 20, 142	4.8	6
276	Effect of a Machine Learning-Derived Early Warning System for Intraoperative Hypotension vs Standard Care on Depth and Duration of Intraoperative Hypotension During Elective Noncardiac Surgery: The HYPE Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , 2020 , 323, 1052-1060	27.4	99
275	Refining the criteria for immediate total-body CT after severe trauma. <i>European Radiology</i> , 2020 , 30, 2955-2963	8	4

274	Effect of electroacupuncture on sedation requirements during colonoscopy: a prospective placebo-controlled randomised trial. <i>Acupuncture in Medicine</i> , 2020 , 38, 131-139	1.9	1
273	Activation of PKG and Akt Is Required for Cardioprotection by Ramelteon-Induced Preconditioning and Is Located Upstream of mKCa-Channels. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	2
272	Assessment of pulmonary oxygen toxicity in special operations forces divers under operational circumstances using exhaled breath analysis. <i>Diving and Hyperbaric Medicine</i> , 2020 , 50, 2-7	1	3
271	Epidural anesthesia is no longer the standard of care in abdominal surgery with ERAS. What are the alternatives?. <i>Minerva Anestesiologica</i> , 2020 , 86, 1079-1088	1.9	7
270	Effluent from ischemic preconditioned hearts confers cardioprotection independent of the number of preconditioning cycles. <i>PLoS ONE</i> , 2020 , 15, e0243220	3.7	2
269	Combination of the Phosphodiesterase Inhibitors Sildenafil and Milrinone Induces Cardioprotection With Various Conditioning Strategies. <i>Journal of Cardiovascular Pharmacology</i> , 2020 , 76, 684-691	3.1	0
268	Insights into postoperative respiration by using continuous wireless monitoring of respiratory rate on the postoperative ward: a cohort study. <i>Journal of Clinical Monitoring and Computing</i> , 2020 , 34, 1285-1293	2.9	8
267	International multicentre review of perioperative management and outcome for catecholamine-producing tumours. <i>British Journal of Surgery</i> , 2020 , 107, e170-e178	5.3	30
266	Use 80% Oxygen Not Only During Extubation But Throughout Anesthesia. <i>Anesthesia and Analgesia</i> , 2020 , 130, e96-e97	3.9	2
265	Comparing collaboration: a study into co-authorship behaviour of anaesthetists and surgeons. <i>British Journal of Anaesthesia</i> , 2020 , 124, e20-e21	5.4	
264	Risk of Major Complications After Perioperative Norepinephrine Infusion Through Peripheral Intravenous Lines in a Multicenter Study. <i>Anesthesia and Analgesia</i> , 2020 , 131, 1060-1065	3.9	19
263	Characteristics of Dexmedetomidine Postconditioning in the Field of Myocardial Ischemia-Reperfusion Injury. <i>Anesthesia and Analgesia</i> , 2020 , 130, 90-98	3.9	16
262	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	6.7	10
261	The effectiveness of a low-dose esketamine versus an alfentanil adjunct to propofol sedation during endoscopic retrograde cholangiopancreatography: A randomised controlled multicentre trial. <i>European Journal of Anaesthesiology</i> , 2020 , 37, 394-401	2.3	9
260	The use of cryopreserved platelets in a trauma-induced hemorrhage model. <i>Transfusion</i> , 2020 , 60, 2079-2089	2.8	3
259	PRactice of VENTilation in Patients with Novel Coronavirus Disease (PRoVENT-COVID): rationale and protocol for a national multicenter observational study in The Netherlands. <i>Annals of Translational Medicine</i> , 2020 , 8, 1251	3.2	14
258	Haematoma, abscess or meningitis after neuraxial anaesthesia in the USA and the Netherlands: A closed claims analysis. <i>European Journal of Anaesthesiology</i> , 2020 , 37, 743-751	2.3	2
257	Empagliflozin Decreases Lactate Generation in an NHE-1 Dependent Fashion and Increases β -Ketoglutarate Synthesis From Palmitate in Type II Diabetic Mouse Hearts. <i>Frontiers in Cardiovascular Medicine</i> , 2020 , 7, 592233	5.4	12

256	NLRX1 Deletion Increases Ischemia-Reperfusion Damage and Activates Glucose Metabolism in Mouse Heart. <i>Frontiers in Immunology</i> , 2020 , 11, 591815	8.4	5
255	Ultrasound guided supra-inguinal Fascia Iliaca Compartment Blocks in hip fracture patients: An alternative technique. <i>American Journal of Emergency Medicine</i> , 2020 , 38, 231-236	2.9	5
254	Changes in ventilator settings and ventilation-induced lung injury in burn patients-A systematic review. <i>Burns</i> , 2020 , 46, 762-770	2.3	5
253	Use of a train-of-four ratio of 0.95 versus 0.9 for tracheal extubation: an exploratory analysis of POPULAR data. <i>British Journal of Anaesthesia</i> , 2020 , 124, 63-72	5.4	37
252	In reply:PICO questions in systematic reviews. <i>Emergency Medicine Journal</i> , 2020 , 37, 386	1.5	
251	Haemotherapy with Fibrinogen for Perioperative Bleeding Prevention-A View on Arterial Thrombogenesis and Myocardial Infarction in the Rat In Vivo. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	2
250	Paracetamol versus other analgesia in adult patients with minor musculoskeletal injuries: a systematic review. <i>Emergency Medicine Journal</i> , 2019 , 36, 493-500	1.5	5
249	Helium-Induced Changes in Circulating Caveolin in Mice Suggest a Novel Mechanism of Cardiac Protection. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	9
248	Effect of Intraoperative High Positive End-Expiratory Pressure (PEEP) With Recruitment Maneuvers vs Low PEEP on Postoperative Pulmonary Complications in Obese Patients: A Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , 2019 , 321, 2292-2305	27.4	104
247	Safety of epidural drugs: a narrative review. <i>Expert Opinion on Drug Safety</i> , 2019 , 18, 591-601	4.1	4
246	Milrinone-Induced Pharmacological Preconditioning in Cardioprotection: Hints for a Role of Mitochondrial Mechanisms. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	14
245	Markers of Pulmonary Oxygen Toxicity in Hyperbaric Oxygen Therapy Using Exhaled Breath Analysis. <i>Frontiers in Physiology</i> , 2019 , 10, 475	4.6	9
244	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	5.4	5
243	On-demand versus continuous rocuronium infusion for deep neuromuscular relaxation in patients undergoing thoraco-laparoscopic esophagectomy: a randomized-controlled clinical trial (DEPTH). <i>Canadian Journal of Anaesthesia</i> , 2019 , 66, 1062-1074	3	2
242	Plasma from Volunteers Breathing Helium Reduces Hypoxia-Induced Cell Damage in Human Endothelial Cells-Mechanisms of Remote Protection Against Hypoxia by Helium. <i>Cardiovascular Drugs and Therapy</i> , 2019 , 33, 297-306	3.9	5
241	Cardioprotective Properties of Omecamtiv Mecarbil against Ischemia and Reperfusion Injury. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	4
240	Adverse side-effects of dexamethasone in surgical patients - an abridged Cochrane systematic review. <i>Anaesthesia</i> , 2019 , 74, 929-939	6.6	39
239	Impact of Anesthetics on Cardioprotection Induced by Pharmacological Preconditioning. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	7

238	Protective ventilation with high versus low positive end-expiratory pressure during one-lung ventilation for thoracic surgery (PROTHOR): study protocol for a randomized controlled trial. <i>Trials</i> , 2019 , 20, 213	2.8	22
237	Optimal postoperative pain management: redefining the role for opioids. <i>Lancet, The</i> , 2019 , 393, 1483-1485	14.85	19
236	European Society of Anaesthesiology Task Force on Nitrous Oxide: a narrative review of its role in clinical practice. <i>British Journal of Anaesthesia</i> , 2019 , 122, 587-604	5.4	34
235	Lack of consensus on the peri-operative management of patients with diabetes mellitus. <i>European Journal of Anaesthesiology</i> , 2019 , 36, 168-169	2.3	3
234	Neuromuscular monitoring and reversal: responses to the POPULAR study - Authors' Reply. <i>Lancet Respiratory Medicine</i> , 2019 , 7, e7-e8	35.1	1
233	Association between night-time surgery and occurrence of intraoperative adverse events and postoperative pulmonary complications. <i>British Journal of Anaesthesia</i> , 2019 , 122, 361-369	5.4	18
232	Preperitoneal or Subcutaneous Wound Catheters as Alternative for Epidural Analgesia in Abdominal Surgery: A Systematic Review and Meta-analysis. <i>Annals of Surgery</i> , 2019 , 269, 252-260	7.8	34
231	Response to comments on The European Society of Anaesthesiology Task Force review on the place of nitrous oxide in current clinical practice (Br J Anaesth 2019; 122:587-604). <i>British Journal of Anaesthesia</i> , 2019 , 123, e482-e483	5.4	2
230	Use of a high platelet-to-RBC ratio of 2:1 is more effective in correcting trauma-induced coagulopathy than a ratio of 1:1 in a rat multiple trauma transfusion model. <i>Intensive Care Medicine Experimental</i> , 2019 , 7, 42	3.7	5
229	Molecular mechanisms of action of systemic lidocaine in acute and chronic pain: a narrative review. <i>British Journal of Anaesthesia</i> , 2019 , 123, 335-349	5.4	77
228	Cerebral autoregulation: with age comes wisdom. <i>British Journal of Anaesthesia</i> , 2019 , 123, e466-e468	5.4	0
227	Patient blood management in the cardiac surgical setting: An updated overview. <i>Transfusion and Apheresis Science</i> , 2019 , 58, 397-407	2.4	5
226	MiR-34a is differentially expressed in dorsal root ganglia in a rat model of chronic neuropathic pain. <i>Neuroscience Letters</i> , 2019 , 708, 134365	3.3	14
225	Opiophobia in Cancer Biology- Justified? - The Role of Perioperative Use of Opioids in Cancer Recurrence. <i>Current Pharmaceutical Design</i> , 2019 , 25, 3020-3027	3.3	4
224	The use of a machine-learning algorithm that predicts hypotension during surgery in combination with personalized treatment guidance: study protocol for a randomized clinical trial. <i>Trials</i> , 2019 , 20, 582	2.8	7
223	Impact of Ca-Sensitive Potassium Channels in Levosimendan-Induced Postconditioning. <i>Cardiovascular Drugs and Therapy</i> , 2019 , 33, 581-588	3.9	7
222	Volume incompliance and transfusion are essential for transfusion-associated circulatory overload: a novel animal model. <i>Transfusion</i> , 2019 , 59, 3617-3627	2.9	7
221	Face and construct validity of TU-Delft epidural simulator and the value of real-time visualization. <i>Regional Anesthesia and Pain Medicine</i> , 2019 , 44, 298-302	3.4	3

220	Empagliflozin and Dapagliflozin Reduce ROS Generation and Restore NO Bioavailability in Tumor Necrosis Factor β -stimulated Human Coronary Arterial Endothelial Cells. <i>Cellular Physiology and Biochemistry</i> , 2019 , 53, 865-886	3.9	69
219	How incremental video training did not guarantee implementation due to fluctuating population prevalence. <i>BMJ Open Quality</i> , 2019 , 8, e000447	1.9	
218	Preoperative Continuation of Oral Hypoglycemic Drugs. <i>Anesthesia and Analgesia</i> , 2019 , 128, e49	3.9	1
217	Early increase in anti-inflammatory biomarkers is associated with the development of multiple organ dysfunction syndrome in severely injured trauma patients. <i>Trauma Surgery and Acute Care Open</i> , 2019 , 4, e000343	2.4	4
216	β -Lactam Allergy in the Operating Theater: Reply. <i>Anesthesiology</i> , 2019 , 130, 855-856	4.3	
215	Detecting Pulmonary Oxygen Toxicity Using eNose Technology and Associations between Electronic Nose and Gas Chromatography-Mass Spectrometry Data. <i>Metabolites</i> , 2019 , 9,	5.6	2
214	The relationship between patient factors and the refusal of analgesics in adult Emergency Department patients with extremity injuries, a case-control study. <i>Scandinavian Journal of Pain</i> , 2019 , 20, 87-94	1.9	0
213	Cardioprotection by Humoral Factors Released After Remote Ischemic Preconditioning Depends on Anesthetic Regimen. <i>Critical Care Medicine</i> , 2019 , 47, e250-e255	1.4	20
212	Comment on "The Time Has Come to Embrace Continuous Wound Infiltration via Preperitoneal Catheters as Routine Analgesic Therapy in Open Abdominal Surgery". <i>Annals of Surgery</i> , 2019 , 270, e51-e52	7.8	3
211	Post-anaesthesia pulmonary complications after use of muscle relaxants (POPULAR): a multicentre, prospective observational study. <i>Lancet Respiratory Medicine</i> , 2019 , 7, 129-140	35.1	131
210	Emergency Bleeding Control Interventions After Immediate Total-Body CT Scans in Trauma Patients. <i>World Journal of Surgery</i> , 2019 , 43, 490-496	3.3	5
209	Delayed ischaemic contracture onset by empagliflozin associates with NHE1 inhibition and is dependent on insulin in isolated mouse hearts. <i>Cardiovascular Research</i> , 2019 , 115, 1533-1545	9.9	48
208	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	1.9	2
207	Fluid and pain management in liver surgery (MILESTONE): A worldwide study among surgeons and anesthesiologists. <i>Surgery</i> , 2019 , 165, 337-344	3.6	6
206	In Response. <i>Anesthesia and Analgesia</i> , 2018 , 126, 1091-1092	3.9	
205	Haematoma and abscess after neuraxial anaesthesia: a review of 647 cases. <i>British Journal of Anaesthesia</i> , 2018 , 120, 693-704	5.4	26
204	In Response. <i>Anesthesia and Analgesia</i> , 2018 , 126, 1427-1428	3.9	
203	Activation of Melatonin Receptors by Ramelteon Induces Cardioprotection by Postconditioning in the Rat Heart. <i>Anesthesia and Analgesia</i> , 2018 , 126, 2112-2115	3.9	8

202	Reverse causation. <i>British Journal of Anaesthesia</i> , 2018 , 120, 609-610	5.4	1
201	Milrinone-Induced Postconditioning Requires Activation of Mitochondrial Ca-sensitive Potassium (mBK) Channels. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2018 , 32, 2142-2148	2.1	11
200	Incidence, risk factors, and outcome of transfusion-associated circulatory overload in a mixed intensive care unit population: a nested case-control study. <i>Transfusion</i> , 2018 , 58, 498-506	2.9	25
199	Pharmacodynamics and Pharmacokinetics of Lidocaine in a Rodent Model of Diabetic Neuropathy. <i>Anesthesiology</i> , 2018 , 128, 609-619	4.3	6
198	Peri-operative management of patients with type-2 diabetes mellitus undergoing non-cardiac surgery using liraglutide, glucose-insulin-potassium infusion or intravenous insulin bolus regimens: a randomised controlled trial. <i>Anaesthesia</i> , 2018 , 73, 332-339	6.6	21
197	Helium alters the cytoskeleton and decreases permeability in endothelial cells cultured in vitro through a pathway involving Caveolin-1. <i>Scientific Reports</i> , 2018 , 8, 4768	4.9	7
196	A decrease in blood pressure is associated with unfavorable outcome in patients undergoing thrombectomy under general anesthesia. <i>Journal of NeuroInterventional Surgery</i> , 2018 , 10, 107-111	7.8	74
195	Tranexamic Acid Does Not Influence Cardioprotection by Ischemic Preconditioning and Remote Ischemic Preconditioning. <i>Anesthesia and Analgesia</i> , 2018 , 126, 439-442	3.9	0
194	Impact of Anesthetic Regimen on Remote Ischemic Preconditioning in the Rat Heart In Vivo. <i>Anesthesia and Analgesia</i> , 2018 , 126, 1377-1380	3.9	36
193	The practice of diagnosing and reporting transfusion-associated circulatory overload: a national survey among physicians and haemovigilance officers. <i>Transfusion Medicine</i> , 2018 , 28, 363-370	1.3	4
192	Acetaminophen or Nonsteroidal Anti-Inflammatory Drugs in Acute Musculoskeletal Trauma: A Multicenter, Double-Blind, Randomized, Clinical Trial. <i>Annals of Emergency Medicine</i> , 2018 , 71, 357-368	2.1	17
191	Peri-operative 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	6.7	10
190	Study protocol of the randomised placebo-controlled GLOBE trial: P-1 for ridding of hyperglycemia during cardiac surgery. <i>BMJ Open</i> , 2018 , 8, e022189	3	8
189	Trends in practice and safety measures of epidural analgesia: Report of a national survey. <i>Acta Anaesthesiologica Scandinavica</i> , 2018 , 62, 1466-1472	1.9	2
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185	The release of cardioprotective humoral factors after remote ischemic preconditioning in humans is age- and sex-dependent. <i>Journal of Translational Medicine</i> , 2018 , 16, 112	8.5	32

184	Preconditioning by Levosimendan is Mediated by Activation of Mitochondrial Ca-Sensitive Potassium (mBK) Channels. <i>Cardiovascular Drugs and Therapy</i> , 2018 , 32, 427-434	3.9	16
183	Newer propofol, ketamine, and etomidate derivatives and delivery systems relevant to anesthesia practice. <i>Bailliere's Best Practice and Research in Clinical Anaesthesiology</i> , 2018 , 32, 213-221	4	15
182	Presumed Lactam Allergy and Cross-reactivity in the Operating Theater: A Practical Approach. <i>Anesthesiology</i> , 2018 , 129, 335-342	4.3	16
181	Continuous intravenous perioperative lidocaine infusion for postoperative pain and recovery in adults. <i>The Cochrane Library</i> , 2018 , 6, CD009642	5.2	100
180	The clinical value of routinely obtained postoperative chest radiographs in post-anaesthesia care unit patients seems poor—a prospective observational study. <i>Annals of Translational Medicine</i> , 2018 , 6, 360	3.2	2
179	Effects of combined helium pre/post-conditioning on the brain and heart in a rat resuscitation model. <i>Acta Anaesthesiologica Scandinavica</i> , 2018 , 62, 63-74	1.9	11
178	Class effects of SGLT2 inhibitors in mouse cardiomyocytes and hearts: inhibition of Na/H exchanger, lowering of cytosolic Na and vasodilation. <i>Diabetologia</i> , 2018 , 61, 722-726	10.3	241
177	The Science of Local Anesthesia: Basic Research, Clinical Application, and Future Directions. <i>Anesthesia and Analgesia</i> , 2018 , 126, 1381-1392	3.9	50
176	Effect of pneumoperitoneum and steep reverse-Trendelenburg position on mean systemic filling pressure, venous return, and microcirculation during esophagectomy. <i>Journal of Thoracic Disease</i> , 2018 , 10, 3399-3408	2.6	5
175	Adverse side effects of dexamethasone in surgical patients. <i>The Cochrane Library</i> , 2018 , 11, CD011940	5.2	24
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