

# Benedikt Preckel

## List of Publications by Year in descending order

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Version: 2024-02-01

222  
papers

5,798  
citations

81743

39  
h-index

118652

62  
g-index

253  
all docs

253  
docs citations

253  
times ranked

4167  
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of Postoperative Neurocognitive Function in Older Adult Patients with and without Diabetes Mellitus. <i>Gerontology</i> , 2023, 69, 189-200.	1.4	5
2	Adaptive threshold-based alarm strategies for continuous vital signs monitoring. <i>Journal of Clinical Monitoring and Computing</i> , 2022, 36, 407-417.	0.7	30
3	Effects of surgery and general anaesthesia on sleep-wake timing: CLOCKS observational study. <i>Anaesthesia</i> , 2022, 77, 73-81.	1.8	9
4	The observed respiratory rate of ward patients in the postoperative period. <i>Journal of Clinical Anesthesia</i> , 2022, 76, 110578.	0.7	1
5	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
6	Wireless wearables for postoperative surveillance on surgical wards: a survey of 1158 anaesthesiologists in Western Europe and the USA. , 2022, 1, 100002.		4
7	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
8	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
9	Perioperative cerebrospinal fluid sorbitol and fructose concentrations in patients undergoing thoracic aortic surgery. <i>British Journal of Anaesthesia</i> , 2022, , .	1.5	1
10	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
11	Perioperative approach of allergic patients. <i>Bailliere's Best Practice and Research in Clinical Anaesthesiology</i> , 2021, 35, 11-25.	1.7	2
12	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
13	Ventilation practices in burn patients-an international prospective observational cohort study. <i>Burns and Trauma</i> , 2021, 9, tkab034.	2.3	2
14	Pharmacological Conditioning of the Heart: An Update on Experimental Developments and Clinical Implications. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2519.	1.8	19
15	Effects of Hyperglycemia and Diabetes Mellitus on Coagulation and Hemostasis. <i>Journal of Clinical Medicine</i> , 2021, 10, 2419.	1.0	40
16	Safety and quality in perioperative anaesthesia care. <i>Bailliere's Best Practice and Research in Clinical Anaesthesiology</i> , 2021, 35, 1-2.	1.7	0
17	Head-to-head validation of six immunoassays for SARS-CoV-2 in hospitalized patients. <i>Journal of Clinical Virology</i> , 2021, 139, 104821.	1.6	10
18	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

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19	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
20	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
21	Comparison of adequacy of anaesthesia monitoring with standard clinical practice monitoring during routine general anaesthesia. <i>European Journal of Anaesthesiology</i> , 2021, 38, 73-81.	0.7	16
22	Changes in ventilator settings and ventilation-induced lung injury in burn patients—a systematic review. <i>Burns</i> , 2020, 46, 762-770.	1.1	7
23	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.	0.7	14
24	Remote wireless vital signs monitoring on the ward for early detection of deteriorating patients: A case series. <i>International Journal of Nursing Studies</i> , 2020, 104, 103515.	2.5	35
25	Use 80% Oxygen Not Only During Extubation But Throughout Anesthesia. <i>Anesthesia and Analgesia</i> , 2020, 130, e96-e97.	1.1	2
26	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
27	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
28	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
29	Influence of Hyperglycemia During Different Phases of Ischemic Preconditioning on Cardioprotection—A Focus on Apoptosis and Aggregation of Granulocytes. <i>Shock</i> , 2020, 53, 637-645.	1.0	6
30	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
31	Perioperative Cardioprotection: Clinical Implications. <i>Anesthesia and Analgesia</i> , 2020, 131, 1751-1764.	1.1	17
32	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
33	Ten years of the Helsinki Declaration on patient safety in anaesthesiology. <i>European Journal of Anaesthesiology</i> , 2020, 37, 521-610.	0.7	38
34	Perioperative Hyperoxyphobia: Justified or Not? Benefits and Harms of Hyperoxia during Surgery. <i>Journal of Clinical Medicine</i> , 2020, 9, 642.	1.0	19
35	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
36	Registration of attentional function as a predictor of incident delirium (the RAPID study). <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2020, 6, e12031.	1.8	0

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37	Effect of electroacupuncture on sedation requirements during colonoscopy: a prospective placebo-controlled randomised trial. <i>Acupuncture in Medicine</i> , 2020, 38, 131-139.	0.4	8
38	<scp>PRO</scp>: Routine hyperoxygenation in adult surgical patients whose tracheas are intubated. <i>Anaesthesia</i> , 2020, 75, 1293-1296.	1.8	2
39	Adverse side effects of dexamethasone in surgical patients. <i>The Cochrane Library</i> , 2019, 2019, CD011940.	1.5	45
40	Liraglutide for perioperative management of hyperglycaemia in cardiac surgery patients - A multicentre, prospective, randomised superiority trial. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2019, 33, S89.	0.6	3
41	Helium-Induced Changes in Circulating Caveolin in Mice Suggest a Novel Mechanism of Cardiac Protection. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2640.	1.8	14
42	Plasma from Volunteers Breathing Helium Reduces Hypoxia-Induced Cell Damage in Human Endothelial Cellsâ€”Mechanisms of Remote Protection Against Hypoxia by Helium. <i>Cardiovascular Drugs and Therapy</i> , 2019, 33, 297-306.	1.3	6
43	Adverse sideâ€œeffects of dexamethasone in surgical patients â€œ an abridged Cochrane systematic review. <i>Anaesthesia</i> , 2019, 74, 929-939.	1.8	79
44	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
45	Preoperative Continuation of Oral Hypoglycemic Drugs. <i>Anesthesia and Analgesia</i> , 2019, 128, e49.	1.1	1
46	Monitoring of High- and Intermediate-Risk Surgical Patients. <i>Anesthesia and Analgesia</i> , 2019, 129, 1185-1190.	1.1	14
47	Indications, contraindications, and safety aspects of procedural sedation. <i>Current Opinion in Anaesthesiology</i> , 2019, 32, 769-775.	0.9	10
48	Comparison of perioperative glucose regulation in patients with type 1 vs type 2 diabetes mellitus: A retrospective crossâ€œsectional study. <i>Acta Anaesthesiologica Scandinavica</i> , 2019, 63, 314-321.	0.7	5
49	Gaseous mediators: an updated review on the effects of helium beyond blowing up balloons. <i>Intensive Care Medicine Experimental</i> , 2019, 7, 73.	0.9	11
50	Empagliflozin and Dapagliflozin Reduce ROS Generation and Restore NO Bioavailability in Tumor Necrosis Factor Î±-Stimulated Human Coronary Arterial Endothelial Cells. <i>Cellular Physiology and Biochemistry</i> , 2019, 53, 865-886.	1.1	120
51	Potential Benefits of Sodium-Glucose Cotransporter-2 Inhibitors in the Perioperative Period. <i>Anesthesia and Analgesia</i> , 2018, 127, 306-307.	1.1	2
52	Periâ€œoperative management of patients with typeâ€œ2 diabetes mellitus undergoing nonâ€œcardiac surgery using liraglutide, glucoseâ€œinsulinâ€œpotassium infusion or intravenous insulin bolus regimens: a randomised controlled trial. <i>Anaesthesia</i> , 2018, 73, 332-339.	1.8	41
53	The emergency paediatric surgical airway. <i>European Journal of Anaesthesiology</i> , 2018, 35, 558-565.	0.7	19
54	In response to: Metformin for the management of periâ€œoperative hyperglycaemia. <i>Diabetes, Obesity and Metabolism</i> , 2018, 20, 755-755.	2.2	0

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55	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.	1.6	10
56	Perioperative continuation of metformin does not improve glycaemic control in patients with type 2 diabetes: <sc>A</sc> randomized controlled trial. <i>Diabetes, Obesity and Metabolism</i> , 2018, 20, 749-752.	2.2	15
57	Effects of combined helium pre/postconditioning on the brain and heart in a rat resuscitation model. <i>Acta Anaesthesiologica Scandinavica</i> , 2018, 62, 63-74.	0.7	18
58	The Patient with Acute Coronary Syndrome. , 2018, , 3-17.		0
59	Perioperative hyperglycemia and neurocognitive outcome after surgery: a systematic review. <i>Minerva Anesthesiologica</i> , 2018, 84, 1178-1188.	0.6	43
60	In Reply. <i>Anesthesiology</i> , 2018, 129, 611-613.	1.3	0
61	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
62	Adverse side effects of dexamethasone in surgical patients. <i>The Cochrane Library</i> , 2018, 8, CD011940.	1.5	36
63	Systematic review of incretin therapy during peri-operative and intensive care. <i>Critical Care</i> , 2018, 22, 299.	2.5	31
64	Agreement between ccNexfin CO-trek cardiac output and intermittent cold-bolus pulmonary thermodilution in a prospective multicenter study. <i>Minerva Anesthesiologica</i> , 2018, 84, 473-480.	0.6	5
65	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
66	Study protocol of the randomised placebo-controlled GLOBE trial: <i>GL</i>-P-1 f<i>o</i> <i>r</i> <i>b</i> <i>ridging of hyperglyca<i>e</i> <i>mia during cardiac surgery. <i>BMJ Open</i>, 2018, 8, e022189.	0.8	8
67	The effect of haemodynamic and peripheral vascular variability on cardiac output monitoring: thermodilution and noninvasive pulse contour cardiac output during cardiothoracic surgery. <i>Anaesthesia</i> , 2018, 73, 1489-1499.	1.8	21
68	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.	1.7	18
69	Safety of moderate-to-deep sedation performed by sedation practitioners. <i>European Journal of Anaesthesiology</i> , 2018, 35, 659-666.	0.7	18
70	Data Interpretation on the Use of Double-Lumen Tube (DLT) Versus Bronchial Blocker (BB) for One-Lung Ventilation. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2017, 31, e2.	0.6	2
71	A randomized trial of remote ischemic preconditioning and control treatment for cardioprotection in sevoflurane-anesthetized CABG patients. <i>BMC Anesthesiology</i> , 2017, 17, 51.	0.7	15
72	Novel method for intraoperative assessment of cerebral autoregulation by paced breathing. <i>British Journal of Anaesthesia</i> , 2017, 119, 1141-1149.	1.5	10

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73	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
74	Effect of Xenon Anesthesia Compared to Sevoflurane and Total Intravenous Anesthesia for Coronary Artery Bypass Graft Surgery on Postoperative Cardiac Troponin Release. <i>Anesthesiology</i> , 2017, 127, 918-933.	1.3	44
75	Cerebral oxygenation during changes in vascular resistance and flow in patients on cardiopulmonary bypass – a physiological proof of concept study. <i>Anaesthesia</i> , 2017, 72, 49-56.	1.8	15
76	The effect of requesting a reason for non-adherence to a guideline in a long running automated reminder system for PONV prophylaxis. <i>Applied Clinical Informatics</i> , 2017, 26, 313-321.	0.8	7
77	Sedation with propofol during ERCP: is the combination with esketamine more effective and safer than with alfentanil? Study protocol for a randomized controlled trial. <i>Trials</i> , 2017, 18, 472.	0.7	20
78	European implementation of the "2014 ESC/ESA guideline on non-cardiac surgery: cardiovascular assessment and management". <i>Minerva Anestesiologica</i> , 2017, 83, 457-464.	0.6	0
79	Cognitive aids: 'a must' for procedures performed by multidisciplinary sedation teams outside the operation room?. <i>BMJ Case Reports</i> , 2017, 2017, bcr-2017-221645.	0.2	2
80	Effect of goal-directed therapy on outcome after esophageal surgery: A quality improvement study. <i>PLoS ONE</i> , 2017, 12, e0172806.	1.1	37
81	Effect of helium pre- or postconditioning on signal transduction kinases in patients undergoing coronary artery bypass graft surgery. <i>Journal of Translational Medicine</i> , 2016, 14, 294.	1.8	12
82	Satisfaction and safety using dexmedetomidine or propofol sedation during endoscopic oesophageal procedures. <i>European Journal of Anaesthesiology</i> , 2016, 33, 631-637.	0.7	26
83	An automated reminder for perioperative glucose regulation improves protocol compliance. <i>Diabetes Research and Clinical Practice</i> , 2016, 116, 80-82.	1.1	6
84	Helium ventilation for treatment of post-cardiac arrest syndrome: A safety and feasibility study. <i>Resuscitation</i> , 2016, 107, 145-149.	1.3	7
85	Very Long-Chain Acyl-Coenzyme A Dehydrogenase Deficiency and Perioperative Management in Adult Patients. <i>JIMD Reports</i> , 2016, 34, 49-54.	0.7	9
86	Helium postconditioning regulates expression of caveolin-1 and -3 and induces RISK pathway activation after ischaemia/reperfusion in cardiac tissue of rats. <i>European Journal of Pharmacology</i> , 2016, 791, 718-725.	1.7	17
87	Transfemoral aortic valve replacement: does anaesthesia make the difference?. <i>British Journal of Anaesthesia</i> , 2016, 116, 14-15.	1.5	3
88	Perioperative Hyperglycemia and Glucose Variability in Gynecologic Laparotomies. <i>Journal of Diabetes Science and Technology</i> , 2016, 10, 145-150.	1.3	10
89	Noble gases as cardioprotectants – translatability and mechanism. <i>British Journal of Pharmacology</i> , 2015, 172, 2062-2073.	2.7	26
90	A randomised controlled trial: can acupuncture reduce drug requirement during analgosedation with propofol and alfentanil for colonoscopy? A study protocol. <i>BMC Complementary and Alternative Medicine</i> , 2015, 15, 406.	3.7	2

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91	Influence of arm position on ultrasound visibility of the axillary brachial plexus. <i>European Journal of Anaesthesiology</i> , 2015, 32, 771-780.	0.7	7
92	Role of Endogenous Opioid System in Ischemic-Induced Late Preconditioning. <i>PLoS ONE</i> , 2015, 10, e0134283.	1.1	10
93	Intraoperative Fluid Restriction in Pancreatic Surgery: A Double Blinded Randomised Controlled Trial. <i>PLoS ONE</i> , 2015, 10, e0140294.	1.1	25
94	Prolonged Helium Postconditioning Protocols during Early Reperfusion Do Not Induce Cardioprotection in the Rat Heart <i>In Vivo</i> : Role of Inflammatory Cytokines. <i>Journal of Immunology Research</i> , 2015, 2015, 1-9.	0.9	7
95	The Potential of Heliox as a Therapy for Acute Respiratory Distress Syndrome in Adults and Children: A Descriptive Review. <i>Respiration</i> , 2015, 89, 166-174.	1.2	11
96	Effects of helium on inflammatory and oxidative stress-induced endothelial cell damage. <i>Experimental Cell Research</i> , 2015, 337, 37-43.	1.2	11
97	Plasma from human volunteers subjected to remote ischemic preconditioning protects human endothelial cells from hypoxia-induced cell damage. <i>Basic Research in Cardiology</i> , 2015, 110, 17.	2.5	23
98	Targets Involved in Cardioprotection by the Non-Anesthetic Noble Gas Helium. <i>Current Drug Targets</i> , 2015, 16, 786-792.	1.0	14
99	Helium Postconditioning Regulates Caveolin-1 Translocation and Gene Expression. <i>FASEB Journal</i> , 2015, 29, 1025.15.	0.2	0
100	Hyperglycemia and ambulatory surgery. <i>Minerva Anestesiologica</i> , 2015, 81, 951-9.	0.6	7
101	Reduction of Cardiac Cell Death after Helium Postconditioning in Rats: Transcriptional Analysis of Cell Death and Survival Pathways. <i>Molecular Medicine</i> , 2014, 20, 516-526.	1.9	18
102	Heliox Improves Carbon Dioxide Removal during Lung Protective Mechanical Ventilation. <i>Critical Care Research and Practice</i> , 2014, 2014, 1-5.	0.4	9
103	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
104	Pretreatment With Helium Does Not Attenuate Liver Injury After Warm Ischemia-Reperfusion. <i>Shock</i> , 2014, 41, 413-419.	1.0	10
105	Is "really conscious" sedation with solely an opioid an alternative to every day used sedation regimes for colonoscopies in a teaching hospital? Midazolam/fentanyl, propofol/alfentanil, or alfentanil only for colonoscopy: a randomized trial. <i>Techniques in Coloproctology</i> , 2014, 18, 745-752.	0.8	15
106	Small bowel obstruction, incisional hernia and survival after laparoscopic and open colonic resection (LAFA study). <i>British Journal of Surgery</i> , 2014, 101, 1153-1159.	0.1	83
107	Does Regional Analgesia for Major Surgery Improve Outcome? Focus on Epidural Analgesia. <i>Anesthesia and Analgesia</i> , 2014, 119, 740-744.	1.1	53
108	Value of an Electronic Tutorial for Image Interpretation in Ultrasound-Guided Regional Anesthesia. <i>Regional Anesthesia and Pain Medicine</i> , 2013, 38, 44-49.	1.1	14

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109	Long-Term Pain and Functional Disability After Total Knee Arthroplasty With and Without Single-Injection or Continuous Sciatic Nerve Block in Addition to Continuous Femoral Nerve Block. <i>Regional Anesthesia and Pain Medicine</i> , 2013, 38, 58-63.	1.1	25
110	Safety and effectiveness using dexmedetomidine versus propofol TCI sedation during oesophagus interventions: a randomized trial. <i>BMC Gastroenterology</i> , 2013, 13, 176.	0.8	13
111	Heliox Allows for Lower Minute Volume Ventilation in an Animal Model of Ventilator-Induced Lung Injury. <i>PLoS ONE</i> , 2013, 8, e78159.	1.1	7
112	In Reply. <i>Anesthesiology</i> , 2013, 119, 488-489.	1.3	0
113	Helium Induces Preconditioning in Human Endothelium <i>in Vivo</i> . <i>Anesthesiology</i> , 2013, 118, 95-104.	1.3	25
114	Transcriptional regulation of cardiac cell death and survival signaling by helium postconditioning in a rat model of regional cardiac ischemia/reperfusion. <i>FASEB Journal</i> , 2013, 27, lb623.	0.2	1
115	Helium inhalation induces caveolin secretion to blood. <i>FASEB Journal</i> , 2013, 27, 1089.3.	0.2	2
116	Reply to Drs. Abdallah and Brull. <i>Regional Anesthesia and Pain Medicine</i> , 2012, 37, 123-124.	1.1	0
117	Use of Buprenorphine in Children With Chronic Pseudoobstruction Syndrome. <i>Clinical Journal of Pain</i> , 2012, 28, 722-725.	0.8	23
118	Cuff Perforation by Dislocated Electrodes of an Electromyogram Tube. <i>Anesthesia and Analgesia</i> , 2012, 115, 1473.	1.1	2
119	Reply to Drs. Luke and Chelly. <i>Regional Anesthesia and Pain Medicine</i> , 2012, 37, 235.	1.1	0
120	Helium induced pre- and postconditioning in patients subjected to coronary artery bypass graft (CABG) surgery. <i>European Journal of Anaesthesiology</i> , 2012, 29, 53.	0.7	1
121	Helium ventilation is safe and feasible in ICU patients admitted after cardiac arrest. <i>European Journal of Anaesthesiology</i> , 2012, 29, 192.	0.7	4
122	Do helium and xenon exert their organ protective effects by augmenting caveolin 1 or 3 localization to caveolae?. <i>European Journal of Anaesthesiology</i> , 2012, 29, 143-144.	0.7	0
123	Helium ventilation is safe and feasible in ICU patients admitted after cardiac arrest. <i>Critical Care</i> , 2012, 16, .	2.5	2
124	Effects of helium and air inhalation on the innate and early adaptive immune system in healthy volunteers <i>ex vivo</i> . <i>Journal of Translational Medicine</i> , 2012, 10, 201.	1.8	5
125	Analgesia without sedatives during colonoscopies: worth considering?. <i>Techniques in Coloproctology</i> , 2012, 16, 271-276.	0.8	11
126	Age-related loss of cardiac preconditioning: Impact of protein kinase A. <i>Experimental Gerontology</i> , 2012, 47, 116-121.	1.2	37



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127	Helium-induced cardioprotection of healthy and hypertensive rat myocardium in vivo. <i>European Journal of Pharmacology</i> , 2012, 684, 125-131.	1.7	30
128	Remote Ischemic Conditioning to Protect against Ischemia-Reperfusion Injury: A Systematic Review and Meta-Analysis. <i>PLoS ONE</i> , 2012, 7, e42179.	1.1	106
129	Effects of noble gas conditioning on Caveolin expression in the rat heart in vivo. <i>FASEB Journal</i> , 2012, 26, 1114.17.	0.2	0
130	Cardioprotection by Remote Ischemic Preconditioning Exhibits a Signaling Pattern Different From Local Ischemic Preconditioning. <i>Shock</i> , 2011, 36, 45-53.	1.0	31
131	Value of Single-Injection or Continuous Sciatic Nerve Block in Addition to a Continuous Femoral Nerve Block in Patients Undergoing Total Knee Arthroplasty. <i>Regional Anesthesia and Pain Medicine</i> , 2011, 36, 481-488.	1.1	89
132	Effect of remote ischemic conditioning on atrial fibrillation and outcome after coronary artery bypass grafting (RICO-trial). <i>BMC Anesthesiology</i> , 2011, 11, 11.	0.7	19
133	Comparison of percutaneous electrical nerve stimulation and ultrasound imaging for nerve localization. <i>British Journal of Anaesthesia</i> , 2011, 106, 119-123.	1.5	8
134	Information gain in patients using a multimedia website with tailored information on anaesthesia. <i>British Journal of Anaesthesia</i> , 2011, 106, 319-324.	1.5	34
135	Hypoxia Induces Late Preconditioning in the Rat Heart <i>In Vivo</i> . <i>Anesthesiology</i> , 2010, 113, 1351-1360.	1.3	17
136	The effects of implementing a new schedule at the preoperative assessment clinic. <i>European Journal of Anaesthesiology</i> , 2010, 27, 209-213.	0.7	3
137	Sevoflurane-induced Preconditioning. <i>Anesthesiology</i> , 2010, 113, 1289-1298.	1.3	36
138	Morphine induces preconditioning via activation of mitochondrial K <sub>Ca</sub> channels. <i>Canadian Journal of Anaesthesia</i> , 2010, 57, 767-773.	0.7	20
139	Postconditioning by xenon and hypothermia in the rat heart in vivo. <i>European Journal of Anaesthesiology</i> , 2010, 27, 734-739.	0.7	27
140	Cyclosporine A administered during reperfusion fails to restore cardioprotection in prediabetic Zucker obese rats in vivo. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2010, 20, 706-712.	1.1	40
141	Ischaemic and morphine-induced post-conditioning: impact of mK <sub>Ca</sub> channels. <i>British Journal of Anaesthesia</i> , 2010, 105, 589-595.	1.5	28
142	Cellular Effects of Helium in Different Organs. <i>Anesthesiology</i> , 2010, 112, 1503-1510.	1.3	43
143	Helium-Induced Early Preconditioning and Postconditioning Are Abolished in Obese Zucker Rats in Vivo. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2009, 329, 600-607.	1.3	34
144	Ischemic Preconditioning Phosphorylates Mitogen-activated Kinases and Heat Shock Protein 27 in the Diabetic Rat Heart. <i>Hormone and Metabolic Research</i> , 2009, 41, 10-15.	0.7	10

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145	Helium-induced late preconditioning in the rat heart in vivo. <i>British Journal of Anaesthesia</i> , 2009, 102, 614-619.	1.5	36
146	Impact of preconditioning protocol on anesthetic-induced cardioprotection in patients having coronary artery bypass surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2009, 137, 1436-1442.e2.	0.4	71
147	Hypoxia-inducible factor 1 and related gene products in anaesthetic-induced preconditioning. <i>European Journal of Anaesthesiology</i> , 2009, 26, 201-206.	0.7	35
148	Update on inhalational anaesthetics. <i>Current Opinion in Anaesthesiology</i> , 2009, 22, 491-495.	0.9	24
149	Drugs mediating myocardial protection. <i>European Journal of Anaesthesiology</i> , 2009, 26, 985-995.	0.7	18
150	The regulation of mitochondrial respiration by opening of mKCa channels is age-dependent. <i>European Journal of Pharmacology</i> , 2008, 578, 108-113.	1.7	19
151	Blockade of anaesthetic-induced preconditioning in the hyperglycaemic myocardium. <i>European Journal of Pharmacology</i> , 2008, 592, 48-54.	1.7	18
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