

Steffen Rex

List of Publications by Year in descending order

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Version: 2024-02-01

151
papers

3,834
citations

126858

33
h-index

161767

54
g-index

157
all docs

157
docs citations

157
times ranked

4273
citing authors

#	ARTICLE	IF	CITATIONS
1	Postoperative delirium and quality of life after transcatheter and surgical aortic valve replacement: A prospective observational study. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2023, 166, 156-166.e6.	0.4	8
2	European Association of Cardiothoracic Anesthesiology and Intensive Care Pediatric Cardiac Anesthesia Fellowship Curriculum: First Edition. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2022, 36, 645-653.	0.6	9
3	Clinical evaluation of a cutaneous zero-heat-flux thermometer during cardiac surgery. <i>Journal of Clinical Monitoring and Computing</i> , 2022, 36, 1279-1287.	0.7	8
4	Fetal surgery has no additional effect to general anesthesia on brain development in neonatal rabbits. <i>American Journal of Obstetrics & Gynecology</i> MFM, 2022, 4, 100513.	1.3	2
5	Fetoscopic insufflation of heated–humidified carbon dioxide during simulated spina bifida repair is safe under controlled anesthesia in the fetal lamb. <i>Prenatal Diagnosis</i> , 2022, 42, 180-191.	1.1	2
6	A review of European guidelines for patient blood management with a particular emphasis on antifibrinolytic drug administration for cardiac surgery. <i>Journal of Clinical Anesthesia</i> , 2022, 78, 110654.	0.7	9
7	Cardiac disease in pregnancy. <i>Bailliere's Best Practice and Research in Clinical Anaesthesiology</i> , 2022, 36, 191-208.	1.7	3
8	Neurodevelopmental effects of maternal blood pressure management with noradrenaline during general anaesthesia for nonobstetric surgery in the pregnant rabbit model. <i>European Journal of Anaesthesiology</i> , 2022, 39, 511-520.	0.7	3
9	Fast-Track Failure After Cardiac Surgery: Risk Factors and Outcome With Long-Term Follow-Up. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2022, 36, 2463-2472.	0.6	3
10	Towards real-time intraoperative tissue interrogation for REIMS-guided glioma surgery. <i>Journal of Mass Spectrometry and Advances in the Clinical Lab</i> , 2022, 24, 80-89.	1.3	7
11	How to implement geriatric co-management in your hospital? Insights from the G-COACH feasibility study. <i>BMC Geriatrics</i> , 2022, 22, 386.	1.1	3
12	Real-time drug detection using a diathermic knife combined to rapid evaporative ionisation mass spectrometry. <i>Talanta</i> , 2021, 221, 121391.	2.9	6
13	Multicenter International Survey on Cardiopulmonary Bypass Perfusion Practices in Adult Cardiac Surgery. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2021, 35, 1115-1124.	0.6	13
14	Composition, structure, and function of heart teams: a joint position paper of the ACVC, EAPCI, EACTS, and EACTA focused on the management of patients with complex coronary artery disease requiring myocardial revascularization. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2021, 10, 83-93.	0.4	4
15	Effects of Maternal Abdominal Surgery on Fetal Brain Development in the Rabbit Model. <i>Fetal Diagnosis and Therapy</i> , 2021, 48, 189-200.	0.6	9
16	Composition, structure, and function of heart teams: a joint position paper of the ACVC, EAPCI, EACTS, and EACTA focused on the management of patients with complex coronary artery disease requiring myocardial revascularization. <i>European Journal of Cardio-thoracic Surgery</i> , 2021, 59, 522-531.	0.6	3
17	Transplantation of donor hearts after circulatory death using normothermic regional perfusion and cold storage preservation. <i>European Journal of Cardio-thoracic Surgery</i> , 2021, 60, 813-819.	0.6	32
18	Geriatric co-management for cardiology patients in the hospital: A quasi-experimental study. <i>Journal of the American Geriatrics Society</i> , 2021, 69, 1377-1387.	1.3	16

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19	Managing Patients With Short-Term Mechanical Circulatory Support. <i>Journal of the American College of Cardiology</i> , 2021, 77, 1243-1256.	1.2	57
20	Venous Thromboembolism in Patients Discharged after COVID-19 Hospitalization. <i>Seminars in Thrombosis and Hemostasis</i> , 2021, 47, 362-371.	1.5	69
21	Erector spinae plane block for minimally invasive mitral valve surgery: a double-blind, prospective, randomised placebo-controlled trial—a study protocol. <i>BMJ Open</i> , 2021, 11, e045833.	0.8	7
22	Fetally injected drugs for immobilization and analgesia do not modify fetal brain development in a rabbit model. <i>Prenatal Diagnosis</i> , 2021, 41, 1164-1170.	1.1	5
23	Starting an aortic valve repair program: is it worthwhile? Aortic valve repair compared to replacement. <i>European Journal of Cardio-thoracic Surgery</i> , 2021, 60, 1369-1377.	0.6	2
24	Effects of general anaesthesia during pregnancy on neurocognitive development of the fetus: a systematic review and meta-analysis. <i>British Journal of Anaesthesia</i> , 2021, 126, 1128-1140.	1.5	22
25	Outcome and durability of mitral valve annuloplasty in atrial secondary mitral regurgitation. <i>Heart</i> , 2021, 107, 1503-1509.	1.2	14
26	Thoracic Anesthesia during the COVID-19 Pandemic: 2021 Updated Recommendations by the European Association of Cardiothoracic Anaesthesiology and Intensive Care (EACTAIC) Thoracic Subspecialty Committee. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2021, 35, 3528-3546.	0.6	6
27	EACTA/SCA Recommendations for the Cardiac Anesthesia Management of Patients With Suspected or Confirmed COVID-19 Infection: An Expert Consensus From the European Association of Cardiothoracic Anesthesiology and Society of Cardiovascular Anesthesiologists With Endorsement From the Chinese Society of Cardiothoracic and Vascular Anesthesiology. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2021, 35, 1953-1963.	0.6	3
28	Perioperative Care Standards in Cardiac Surgery Patients Aiming at Enhancing Recovery: A Nationwide Survey in the Netherlands and Belgium. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2021, , .	0.6	0
29	A survey of patient blood management for patients undergoing cardiac surgery in nine European countries. <i>Journal of Clinical Anesthesia</i> , 2021, 72, 110311.	0.7	9
30	The effect of xenon on fetal neurodevelopment following maternal sevoflurane anesthesia and laparotomy in rabbits. <i>Neurotoxicology and Teratology</i> , 2021, 87, 106994.	1.2	7
31	Cardiac interventions in pregnancy and peripartum—a narrative review of the literature. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2020, 34, 3409-3419.	0.6	10
32	Is preoperative anxiety associated with postoperative delirium in older persons undergoing cardiac surgery? Secondary data analysis of a randomized controlled trial. <i>BMC Geriatrics</i> , 2020, 20, 478.	1.1	17
33	Patient satisfaction with intravenous regional anaesthesia or an axillary block for minor ambulatory hand surgery. <i>European Journal of Anaesthesiology</i> , 2020, 37, 847-856.	0.7	6
34	Arterial blood pressure and arterial blood gas values in conscious pregnant rabbits. <i>Veterinary Anaesthesia and Analgesia</i> , 2020, 47, 849-851.	0.3	6
35	Transmuscular quadratus lumborum (TQL) block for laparoscopic colorectal surgery: study protocol for a double-blind, prospective randomized placebo-controlled trial. <i>Trials</i> , 2020, 21, 581.	0.7	4
36	Accuracy of Blood Glucose Measurement and Blood Glucose Targets. <i>Journal of Diabetes Science and Technology</i> , 2020, 14, 553-559.	1.3	22

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37	Intraoperative xenon for prevention of delirium after on-pump cardiac surgery: a randomised, observer-blind, controlled clinical trial. <i>British Journal of Anaesthesia</i> , 2020, 124, 454-462.	1.5	19
38	Thoracic Anesthesia of Patients With Suspected or Confirmed 2019 Novel Coronavirus Infection: Preliminary Recommendations for Airway Management by the European Association of Cardiothoracic Anaesthesiology Thoracic Subspecialty Committee. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2020, 34, 2315-2327.	0.6	47
39	Effect of xenon and dexmedetomidine as adjuncts for general anesthesia on postoperative emergence delirium after elective cardiac catheterization in children: study protocol for a randomized, controlled, pilot trial. <i>Trials</i> , 2020, 21, 310.	0.7	6
40	Perioperative Risk Factors for Mortality in Patients Undergoing Surgery for Ebstein's Anomaly at a Single Institution: A Retrospective Analysis. <i>Heart Surgery Forum</i> , 2020, 23, E193-E199.	0.2	0
41	Multicenter International Survey on the Clinical Practice of Ultra-Fast-Track Anesthesia with On-Table Extubation in Pediatric Congenital Cardiac Surgery. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2019, 33, 406-415.	0.6	24
42	The effect of xenon-augmented sevoflurane anesthesia on intraoperative hemodynamics and postoperative neurocognitive function in children undergoing cardiac catheterization: A 1-year follow-up of a randomized controlled pilot trial. <i>Paediatric Anaesthesia</i> , 2019, 29, 963-964.	0.6	2
43	Successful use of VV-ECMO in a pregnant patient with severe ARDS. <i>Turkish Journal of Emergency Medicine</i> , 2019, 19, 111-112.	0.3	3
44	General Anesthesia Versus Monitored Anesthesia Care for Transfemoral Transcatheter Aortic Valve Implantation: A Retrospective Study in a Single Belgian Referral Center. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2019, 33, 3283-3291.	0.6	10
45	Maternal surgery during pregnancy has a transient adverse effect on the developing fetal rabbit brain. <i>American Journal of Obstetrics and Gynecology</i> , 2019, 221, 355.e1-355.e19.	0.7	28
46	103: Fetal brain development after maternal surgery in a rabbit model. <i>American Journal of Obstetrics and Gynecology</i> , 2019, 220, S82-S83.	0.7	0
47	In search of the Holy Grail: Poisons and extended release local anesthetics. <i>Bailliere's Best Practice and Research in Clinical Anaesthesiology</i> , 2019, 33, 3-21.	1.7	16
48	Inotropes and Vasoactive Agents: Differences Between Europe and the United States. <i>Current Anesthesiology Reports</i> , 2019, 9, 202-213.	0.9	1
49	Effect of iloprost inhalation on postoperative outcome in high-risk cardiac surgical patients: a prospective randomized-controlled multicentre trial (ILOCARD). <i>Canadian Journal of Anaesthesia</i> , 2019, 66, 907-920.	0.7	9
50	Bupivacaine infiltration in children for postoperative analgesia after tonsillectomy. <i>European Journal of Anaesthesiology</i> , 2019, 36, 206-214.	0.7	6
51	Response to Comment on "Berglom, Gengenur and Bendtsen". <i>Annals of Surgery</i> , 2019, 270, e89-e90.	2.1	0
52	Echocardiography-Guided False Lumen Catheterization for "Cheese-Wire" Technique in Complicated Type A Aortic Dissection. <i>Annals of Vascular Surgery</i> , 2019, 56, 340-344.	0.4	2
53	The spectral exponent of the resting EEG indexes the presence of consciousness during unresponsiveness induced by propofol, xenon, and ketamine. <i>NeuroImage</i> , 2019, 189, 631-644.	2.1	185
54	Idarucizumab for the reversal of dabigatran in patients undergoing heart transplantation. <i>European Journal of Heart Failure</i> , 2019, 21, 129-131.	2.9	10

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55	Reply to. European Journal of Anaesthesiology, 2018, 35, 322-323.	0.7	0
56	The hip fracture surgery in elderly patients (HIPELD) study to evaluate xenon anaesthesia for the prevention of postoperative delirium: a multicentre, randomized clinical trial. British Journal of Anaesthesia, 2018, 120, 127-137.	1.5	40
57	The Pediatric Cardiac Anesthesia Handbook. Anesthesia and Analgesia, 2018, 126, 1083-1084.	1.1	0
58	Geriatric CO-mAnagement for Cardiology patients in the Hospital (G-COACH): study protocol of a prospective before-after effectiveness-implementation study. BMJ Open, 2018, 8, e023593.	0.8	10
59	Machine perfusion of thoracic organs. Journal of Thoracic Disease, 2018, 10, S910-S923.	0.6	52
60	Quadratus Lumborum Block Versus Perioperative Intravenous Lidocaine for Postoperative Pain Control in Patients Undergoing Laparoscopic Colorectal Surgery. Annals of Surgery, 2018, 268, 769-775.	2.1	55
61	Outcome of transplantation performed outside the regular working hours: A systematic review and meta-analysis of the literature. Transplantation Reviews, 2018, 32, 168-177.	1.2	10
62	The protective role of macrophage migration inhibitory factor in acute kidney injury after cardiac surgery. Science Translational Medicine, 2018, 10, .	5.8	84
63	Boosting systemic pressure with phenylephrine: arterial or venous modulation?. Journal of Clinical Monitoring and Computing, 2018, 32, 967-968.	0.7	4
64	The effect of xenon-augmented sevoflurane anesthesia on intraoperative hemodynamics and early postoperative neurocognitive function in children undergoing cardiac catheterization: A randomized controlled pilot trial. Paediatric Anaesthesia, 2018, 28, 726-738.	0.6	15
65	Dorsal penile nerve block for circumcision in pediatric patients: A prospective, observer-blinded, randomized controlled clinical trial for the comparison of ultrasound-guided vs landmark technique. Paediatric Anaesthesia, 2018, 28, 703-709.	0.6	21
66	Response to. Annals of Surgery, 2018, , 1.	2.1	0
67	Venous Air Embolism during Hysteroscopic Myomectomy: An Analysis of 7 Cases. Gynecologic and Obstetric Investigation, 2017, 82, 569-574.	0.7	8
68	Journal of Clinical Monitoring and Computing 2016 end of year summary: cardiovascular and hemodynamic monitoring. Journal of Clinical Monitoring and Computing, 2017, 31, 5-17.	0.7	7
69	Safety of gelatin solutions for the priming of cardiopulmonary bypass in cardiac surgery: a systematic review and meta-analysis. Perfusion (United Kingdom), 2017, 32, 350-362.	0.5	13
70	Is the central venous pressure an obsolescent model or a valuable puzzle stone in haemodynamic monitoring?. European Journal of Anaesthesiology, 2017, 34, 396-397.	0.7	6
71	Effectiveness of in-hospital geriatric co-management: a systematic review and meta-analysis. Age and Ageing, 2017, 46, 903-910.	0.7	68
72	Xenon as an Adjuvant to Propofol Anesthesia in Patients Undergoing Off-Pump Coronary Artery Bypass Graft Surgery: A Pragmatic Randomized Controlled Clinical Trial. Anesthesia and Analgesia, 2017, 125, 1118-1128.	1.1	16

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73	Measuring satisfaction and anesthesia related outcomes in a surgical day care centre: A three-year single-centre observational study. <i>Journal of Clinical Anesthesia</i> , 2017, 43, 15-23.	0.7	45
74	Xenon as an adjuvant to sevoflurane anesthesia in children younger than 4 years of age, undergoing interventional or diagnostic cardiac catheterization: A randomized controlled clinical trial. <i>Paediatric Anaesthesia</i> , 2017, 27, 1210-1219.	0.6	10
75	Allgemeinanästhesie. , 2017, , 1-30.		0
76	Systemic Lidocaine Fails to Improve Postoperative Pain, But Reduces Time to Discharge Readiness in Patients Undergoing Laparoscopic Sterilization in Day-Case Surgery. <i>Regional Anesthesia and Pain Medicine</i> , 2016, 41, 362-367.	1.1	16
77	The Efficacy of Noble Gases in the Attenuation of Ischemia Reperfusion Injury: A Systematic Review and Meta-Analyses. <i>Critical Care Medicine</i> , 2016, 44, e886-e896.	0.4	31
78	The relationship between pulmonary artery acceleration time and mean pulmonary artery pressure in patients undergoing cardiac surgery. <i>European Journal of Anaesthesiology</i> , 2016, 33, 28-33.	0.7	14
79	Alizapride and ondansetron for the prevention of postoperative nausea and vomiting in patients undergoing laparoscopic gynaecological surgery. <i>European Journal of Anaesthesiology</i> , 2016, 33, 96-103.	0.7	15
80	Comparison of 2-Chloroprocaine, Bupivacaine, and Lidocaine for Spinal Anesthesia in Patients Undergoing Knee Arthroscopy in an Outpatient Setting. <i>Regional Anesthesia and Pain Medicine</i> , 2016, 41, 576-583.	1.1	47
81	The role of levosimendan in acute heart failure complicating acute coronary syndrome: A review and expert consensus opinion. <i>International Journal of Cardiology</i> , 2016, 218, 150-157.	0.8	60
82	Levosimendan beyond inotropy and acute heart failure: Evidence of pleiotropic effects on the heart and other organs: An expert panel position paper. <i>International Journal of Cardiology</i> , 2016, 222, 303-312.	0.8	103
83	Anesthesia for pregnant women with pulmonary hypertension. <i>Current Opinion in Anaesthesiology</i> , 2016, 29, 273-281.	0.9	29
84	Journal of Clinical Monitoring and Computing 2015 end of year summary: cardiovascular and hemodynamic monitoring. <i>Journal of Clinical Monitoring and Computing</i> , 2016, 30, 129-139.	0.7	5
85	Serum protein S100 as marker of postoperative delirium after off-pump coronary artery bypass surgery: secondary analysis of two prospective randomized controlled trials. <i>Clinical Chemistry and Laboratory Medicine</i> , 2016, 54, 1671-1680.	1.4	24
86	Anästhesie in der Mund-, Kiefer-, Gesichtschirurgie und in der Zahnheilkunde. , 2016, , 1-18.		0
87	Anästhesie in der Hals-Nasen-Ohrenheilkunde. , 2016, , 1-22.		0
88	Anästhesie in der Augenheilkunde. , 2016, , 1-16.		0
89	Tissue oxygen saturation as an early indicator of delayed lactate clearance after cardiac surgery: a prospective observational study. <i>BMC Anesthesiology</i> , 2015, 15, 158.	0.7	12
90	Anesthetic Management for Resection of Bilateral Pulmonary Artery Sarcoma. <i>A & A Case Reports</i> , 2015, 5, 64-68.	0.7	4

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91	Serum protein S100 β for the prediction of postoperative delirium after off-pump coronary artery bypass surgery: a prospective observational trial. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2015, 29, S35.	0.6	0
92	Xenon as adjuvant to propofol anaesthesia in patients undergoing off-pump coronary artery bypass surgery: a randomized prospective controlled trial. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2015, 29, S43.	0.6	1
93	Xenon for the prevention of postoperative delirium in cardiac surgery: study protocol for a randomized controlled clinical trial. <i>Trials</i> , 2015, 16, 449.	0.7	14
94	General anesthesia for caesarean section. <i>Current Opinion in Anaesthesiology</i> , 2015, 28, 240-246.	0.9	83
95	Continuous measurement of cardiac output using pulse-contour analysis: truly beat-to-beat?. <i>Journal of Clinical Monitoring and Computing</i> , 2015, 29, 319-321.	0.7	1
96	Year in review in journal of clinical monitoring and computing 2014: cardiovascular and hemodynamic monitoring. <i>Journal of Clinical Monitoring and Computing</i> , 2015, 29, 203-207.	0.7	0
97	Safety and feasibility of xenon as an adjuvant to sevoflurane anaesthesia in children undergoing interventional or diagnostic cardiac catheterization: study protocol for a randomised controlled trial. <i>Trials</i> , 2015, 16, 74.	0.7	13
98	Interaction of MIF Family Proteins in Myocardial Ischemia/Reperfusion Damage and Their Influence on Clinical Outcome of Cardiac Surgery Patients. <i>Antioxidants and Redox Signaling</i> , 2015, 23, 865-879.	2.5	58
99	Consciousness and Complexity during Unresponsiveness Induced by Propofol, Xenon, and Ketamine. <i>Current Biology</i> , 2015, 25, 3099-3105.	1.8	308
100	The Role of Macrophage Migration Inhibitory Factor in Critical Illness. <i>Mini-Reviews in Medicinal Chemistry</i> , 2015, 14, 1116-1124.	1.1	18
101	Noninvasive estimation of left atrial pressure with transesophageal echocardiography. <i>Annals of Cardiac Anaesthesia</i> , 2015, 18, 312.	0.3	11
102	Inotropika und Vasopressoren. , 2015, , 471-477.		0
103	Inotropika und Vasopressoren. , 2015, , 1-10.		0
104	The Role of Macrophage Migration Inhibitory Factor in Anesthetic-Induced Myocardial Preconditioning. <i>PLoS ONE</i> , 2014, 9, e92827.	1.1	14
105	Transversus abdominis plane block versus perioperative intravenous lidocaine versus patient-controlled intravenous morphine for postoperative pain control after laparoscopic colorectal surgery: study protocol for a prospective, randomized, double-blind controlled clinical trial. <i>Trials</i> , 2014, 15, 476.	0.7	12
106	Sodium Selenite Administration IN Cardiac Surgery (SUSTAIN CSX-trial): study design of an international multicenter randomized double-blinded controlled trial of high dose sodium-selenite administration in high-risk cardiac surgical patients. <i>Trials</i> , 2014, 15, 339.	0.7	30
107	Update on minimally invasive hemodynamic monitoring in thoracic anesthesia. <i>Current Opinion in Anaesthesiology</i> , 2014, 27, 28-35.	0.9	11
108	Accuracy and precision of calibrated arterial pulse contour analysis in patients with subarachnoid hemorrhage requiring high-dose vasopressor therapy: a prospective observational clinical trial. <i>Critical Care</i> , 2014, 18, R25.	2.5	14

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109	The Importance of Intraoperative Selenium Blood Levels on Organ Dysfunction in Patients Undergoing Off-Pump Cardiac Surgery: A Randomised Controlled Trial. PLoS ONE, 2014, 9, e104222.	1.1	19
110	Xenon consumption during general surgery: a retrospective observational study. Medical Gas Research, 2013, 3, 12.	1.2	18
111	Improving hand hygiene compliance in the anesthesia working room work area: More than just more hand rubs. American Journal of Infection Control, 2013, 41, 1001-1006.	1.1	37
112	Resuscitation training in small-group setting " gender matters. Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine, 2013, 21, 30.	1.1	18
113	Selenium blood concentrations in patients undergoing elective cardiac surgery and receiving perioperative sodium selenite. Nutrition, 2013, 29, 158-165.	1.1	51
114	The Impact of Dopamine on Aggression: An [¹⁸ F]-FDOPA PET Study in Healthy Males. Journal of Neuroscience, 2013, 33, 16889-16896.	1.7	51
115	Anesthesia for transcatheter aortic valve implantation. Current Opinion in Anaesthesiology, 2013, 26, 456-466.	0.9	20
116	What Is the Significance of Perioperative Release of Macrophage Migration Inhibitory Factor in Cardiac Surgery?. Antioxidants and Redox Signaling, 2013, 19, 231-239.	2.5	31
117	Burn injuries. Current Opinion in Critical Care, 2012, 18, 671-676.	1.6	28
118	Argon. European Journal of Anaesthesiology, 2012, 29, 549-551.	0.7	24
119	Combining xenon and mild therapeutic hypothermia preserves neurological function after prolonged cardiac arrest in pigs*. Critical Care Medicine, 2012, 40, 1297-1303.	0.4	60
120	Dexmedetomidine is neuroprotective in an in vitro model for traumatic brain injury. BMC Neurology, 2012, 12, 20.	0.8	111
121	Clinical validation of a new thermodilution system for the assessment of cardiac output and volumetric parameters. Critical Care, 2012, 16, R98.	2.5	75
122	Does a 4 diagram manual enable laypersons to operate the laryngeal mask supreme®? A pilot study in the manikin. Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine, 2012, 20, 21.	1.1	3
123	Blood Levels of Macrophage Migration Inhibitory Factor after Successful Resuscitation from Cardiac Arrest. PLoS ONE, 2012, 7, e33512.	1.1	21
124	High Postoperative Blood Levels of Macrophage Migration Inhibitory Factor Are Associated with Less Organ Dysfunction in Patients after Cardiac Surgery. Molecular Medicine, 2012, 18, 843-850.	1.9	28
125	AnÄsthesie in der Mund-, Kiefer-, Gesichtschirurgie und in der Zahnheilkunde. , 2012, , 902-916.		0
126	AllgemeinanÄsthesie. , 2012, , 589-611.		0

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127	AnÄsthesie in der Hals-Nasen-Ohren-Heilkunde. , 2012, , 886-901.		0
128	AnÄsthesie in der Augenheilkunde. , 2012, , 872-885.		0
129	Myocardial Blood Flow during General Anesthesia with Xenon in Humans. <i>Anesthesiology</i> , 2011, 114, 1373-1379.	1.3	18
130	The intraoperative decrease of selenium is associated with the postoperative development of multiorgan dysfunction in cardiac surgical patients*. <i>Critical Care Medicine</i> , 2011, 39, 1879-1885.	0.4	80
131	Thoracic epidural anaesthesia disrupts the protective mechanism of homeometric autoregulation during right ventricular pressure overload by cardiac sympathetic blockade: a randomised controlled animal study. <i>European Journal of Anaesthesiology</i> , 2011, 28, 535-543.	0.7	16
132	The use of the Airtraq® optical laryngoscope for routine tracheal intubation in high-risk cardio-surgical patients. <i>BMC Research Notes</i> , 2011, 4, 425.	0.6	11
133	Laypersons can successfully place supraglottic airways with 3 minutes of training. A comparison of four different devices in the manikin. <i>Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine</i> , 2011, 19, 60.	1.1	26
134	Early cognitive function, recovery and well-being after sevoflurane and xenon anaesthesia in the elderly: a double-blinded randomized controlled trial. <i>Medical Gas Research</i> , 2011, 1, 9.	1.2	29
135	Inotropika und Vasopressoren. , 2011, , 293-299.		0
136	Bispectral index monitoring during balanced xenon or sevoflurane anaesthesia in elderly patients. <i>European Journal of Anaesthesiology</i> , 2010, 27, 906-911.	0.7	22
137	Propofol: neuroprotection in an in vitro model of traumatic brain injury. <i>Critical Care</i> , 2009, 13, R61.	2.5	53
138	Fatal Necrotic Pancreatitis as a Rare Complication After Thoracoabdominal Aortic Surgery. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2009, 23, 926-929.	0.6	3
139	Dynamic preload indicators fail to predict fluid responsiveness in open-chest conditions*. <i>Critical Care Medicine</i> , 2009, 37, 510-515.	0.4	116
140	Accuracy of self-calibrating pulse contour analysis. <i>British Journal of Anaesthesia</i> , 2009, 103, .	1.5	0
141	Epoprostenol treatment of acute pulmonary hypertension is associated with aÄparadoxical decrease in right ventricular contractility. <i>Intensive Care Medicine</i> , 2008, 34, 179-189.	3.9	36
142	Effects of inhaled iloprost on right ventricular contractility, right ventriculo-vascular coupling and ventricular interdependence: a randomized placebo-controlled trial in an experimental model of acute pulmonary hypertension. <i>Critical Care</i> , 2008, 12, R113.	2.5	37
143	Is continuous really continuous?*. <i>Critical Care Medicine</i> , 2008, 36, 628-630.	0.4	6
144	Levosimendan but not norepinephrine improves microvascular oxygenation during experimental septic shock. <i>Critical Care Medicine</i> , 2008, 36, 1886-1891.	0.4	95

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145	Xenon reduces neurohistopathological damage and improves the early neurological deficit after cardiac arrest in pigs*. Critical Care Medicine, 2008, 36, 2420-2426.	0.4	108
146	Validation of a new arterial pulse contour-based cardiac output device. Critical Care Medicine, 2007, 35, 1904-1909.	0.4	107
147	Thoracic epidural anesthesia impairs the hemodynamic response to acute pulmonary hypertension by deteriorating right ventricularâ€“pulmonary arterial coupling*. Critical Care Medicine, 2007, 35, 222-229.	0.4	64
148	Levosimendan improves right ventriculovascular coupling in a porcine model of right ventricular dysfunction*. Critical Care Medicine, 2007, 35, 707-715.	0.4	131
149	Positron Emission Tomography Study of Regional Cerebral Metabolism during General Anesthesia with Xenon in Humans. Anesthesiology, 2006, 105, 936-943.	1.3	50
150	Normothermic Beating Heart Surgery with Assistance of Miniaturized Bypass Systems: The Effects on Intraoperative Hemodynamics and Inflammatory Response. Anesthesia and Analgesia, 2006, 102, 352-362.	1.1	9
151	Intraoperative Management of Severe Pulmonary Hypertension during Cardiac Surgery with Inhaled Iloprost. Anesthesiology, 2003, 99, 745-747.	1.3	34