

Robert D Sanders

List of Publications by Year in descending order

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Version: 2024-02-01

185
papers

9,836
citations

41627

51
h-index

48101

92
g-index

188
all docs

188
docs citations

188
times ranked

7818
citing authors

#	ARTICLE	IF	CITATIONS
1	Cohort Analysis of the Association of Delirium Severity With Cerebrospinal Fluid Amyloid-Tau-Neurodegeneration Pathologies. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2022, 77, 494-501.	1.7	20
2	Prognosis and antibody profiles in survivors of critical illness from COVID-19: a prospective multicentre cohort study. <i>British Journal of Anaesthesia</i> , 2022, 128, 491-500.	1.5	5
3	Association of Major Surgical Admissions With Quality of Life. <i>JAMA Surgery</i> , 2022, , .	2.2	0
4	Postoperative delirium and its relationship with biomarkers for dementia: a meta-analysis. <i>International Psychogeriatrics</i> , 2022, 34, 377-390.	0.6	9
5	Role of interleukin-18 in postoperative delirium: an exploratory analysis. <i>British Journal of Anaesthesia</i> , 2022, 128, e229-e231.	1.5	2
6	Amyloid deposition on positron emission tomography correlates with severity of perioperative delirium: a case-control pilot study. <i>British Journal of Anaesthesia</i> , 2022, , .	1.5	2
7	Distinct EEG signatures differentiate unconsciousness and disconnection during anaesthesia and sleep. <i>British Journal of Anaesthesia</i> , 2022, 128, 1006-1018.	1.5	23
8	Postoperative delirium and changes in the blood-brain barrier, neuroinflammation, and cerebrospinal fluid lactate: a prospective cohort study. <i>British Journal of Anaesthesia</i> , 2022, 129, 219-230.	1.5	55
9	Reduced Electroencephalogram Complexity in Postoperative Delirium. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2022, 77, 502-506.	1.7	11
10	Plasma neurofilament light chain protein as a predictor of days in delirium and deep sedation, mortality and length of stay in critically ill patients. <i>EBioMedicine</i> , 2022, 80, 104043.	2.7	12
11	Predictive coding as a model of sensory disconnection: relevance to anaesthetic mechanisms. <i>British Journal of Anaesthesia</i> , 2021, 126, 37-40.	1.5	12
12	Association between plasma tau and postoperative delirium incidence and severity: a prospective observational study. <i>British Journal of Anaesthesia</i> , 2021, 126, 458-466.	1.5	75
13	The use of dexmedetomidine to prevent delirium after major cardiac and non-cardiac surgery. <i>Anaesthesia</i> , 2021, 76, 1296-1299.	1.8	5
14	Postoperative troponin increases after noncardiac surgery are associated with raised neurofilament light: a prospective observational cohort study. <i>British Journal of Anaesthesia</i> , 2021, 126, 791-798.	1.5	15
15	Electrophysiological signatures of acute systemic lipopolysaccharide-induced inflammation: potential implications for delirium science. <i>British Journal of Anaesthesia</i> , 2021, 126, 996-1008.	1.5	13
16	Implicit Memory and Anesthesia: A Systematic Review and Meta-Analysis. <i>Life</i> , 2021, 11, 850.	1.1	5
17	Relationships between preoperative cortical thickness, postoperative electroencephalogram slowing, and postoperative delirium. <i>British Journal of Anaesthesia</i> , 2021, 127, 236-244.	1.5	11
18	Impact of postoperative delirium on days alive and at home after surgery: a prospective cohort study. <i>British Journal of Anaesthesia</i> , 2021, 127, e205-e207.	1.5	3

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19	Meta-analysis of randomised controlled trials of perioperative dexmedetomidine to reduce delirium and mortality after cardiac surgery. <i>British Journal of Anaesthesia</i> , 2021, 127, e168-e170.	1.5	10
20	Predictive Feedback, Early Sensory Representations, and Fast Responses to Predicted Stimuli Depend on NMDA Receptors. <i>Journal of Neuroscience</i> , 2021, 41, 10130-10147.	1.7	9
21	Perioperative blood pressure in the elderly. <i>Current Opinion in Anaesthesiology</i> , 2020, 33, 122-00.	0.9	8
22	Postoperative delirium is associated with increased plasma neurofilament light. <i>Brain</i> , 2020, 143, 47-54.	3.7	107
23	Routine management of postoperative delirium outside the ICU: Results of an international survey among anaesthesiologists. <i>Acta Anaesthesiologica Scandinavica</i> , 2020, 64, 494-500.	0.7	8
24	Cohort study of electroencephalography markers of amyloid-tau-neurodegeneration pathology. <i>Brain Communications</i> , 2020, 2, fcaa099.	1.5	9
25	Cohort study into the neural correlates of postoperative delirium: the role of connectivity and slow-wave activity. <i>British Journal of Anaesthesia</i> , 2020, 125, 55-66.	1.5	61
26	Clinical practice in the management of postoperative delirium by Chinese anesthesiologists: a cross-sectional survey designed by the European Society of Anaesthesiology. <i>Journal of International Medical Research</i> , 2020, 48, 030006052092720.	0.4	3
27	Does Delta Connectivity Differentiate Sleep and Anesthesia?. <i>Anesthesiology</i> , 2020, 133, 700-701.	1.3	0
28	Perioperative covert stroke in patients undergoing non-cardiac surgery (NeuroVISION): a prospective cohort study. <i>Lancet, The</i> , 2019, 394, 1022-1029.	6.3	146
29	Examining the identification of age-related atrophy between T1 and T1+T2-FLAIR cortical thickness measurements. <i>Scientific Reports</i> , 2019, 9, 11288.	1.6	15
30	Association between major surgical admissions and the cognitive trajectory: 19 year follow-up of Whitehall II cohort study. <i>BMJ: British Medical Journal</i> , 2019, 366, l4466.	2.4	38
31	A pilot study of neural correlates of perioperative executive function associated with noncardiac surgery in the elderly. <i>British Journal of Anaesthesia</i> , 2019, 123, e517-e518.	1.5	2
32	Preoperative chronic beta-blocker prescription in elderly patients as a risk factor for postoperative mortality stratified by preoperative blood pressure: a cohort study. <i>British Journal of Anaesthesia</i> , 2019, 123, 118-125.	1.5	16
33	Perioperative Quality Initiative consensus statement on postoperative blood pressure, risk and outcomes for elective surgery. <i>British Journal of Anaesthesia</i> , 2019, 122, 575-586.	1.5	68
34	Predicting postoperative delirium severity in older adults: The role of surgical risk and executive function. <i>International Journal of Geriatric Psychiatry</i> , 2019, 34, 1018-1028.	1.3	26
35	Perioperative Quality Initiative consensus statement on intraoperative blood pressure, risk and outcomes for elective surgery. <i>British Journal of Anaesthesia</i> , 2019, 122, 563-574.	1.5	342
36	Perioperative Quality Initiative consensus statement on preoperative blood pressure, risk and outcomes for elective surgery. <i>British Journal of Anaesthesia</i> , 2019, 122, 552-562.	1.5	127

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37	Perioperative Quality Initiative consensus statement on the physiology of arterial blood pressure control in perioperative medicine. <i>British Journal of Anaesthesia</i> , 2019, 122, 542-551.	1.5	66
38	International Fragility Fracture Network Delphi consensus statement on the principles of anaesthesia for patients with hip fracture. <i>Anaesthesia</i> , 2018, 73, 863-874.	1.8	60
39	Overlapping cognitive disintegration of anaesthesia and delirium. <i>British Journal of Anaesthesia</i> , 2018, 121, 193-196.	1.5	5
40	Association of Timing of Aortic Valve Replacement Surgery After Stroke With Risk of Recurrent Stroke and Mortality. <i>JAMA Cardiology</i> , 2018, 3, 506.	3.0	13
41	Is consciousness frontal? Two perioperative case reports that challenge that concept. <i>British Journal of Anaesthesia</i> , 2018, 121, 330-332.	1.5	11
42	Magnetoencephalographic Correlates of Perceptual State During Auditory Bistability. <i>Scientific Reports</i> , 2018, 8, 976.	1.6	11
43	The hip fracture surgery in elderly patients (HIPELD) study to evaluate xenon anaesthesia for the prevention of postoperative delirium: a multicentre, randomized clinical trial. <i>British Journal of Anaesthesia</i> , 2018, 120, 127-137.	1.5	40
44	Can use of frontal EEG monitoring increase intraoperative connected consciousness?. <i>British Journal of Anaesthesia</i> , 2018, 121, 191-193.	1.5	6
45	Evoked Alpha Power is Reduced in Disconnected Consciousness During Sleep and Anesthesia. <i>Scientific Reports</i> , 2018, 8, 16664.	1.6	28
46	Neuroprotective properties of xenon in different types of CNS injury. <i>British Journal of Anaesthesia</i> , 2018, 121, 1365-1368.	1.5	14
47	Improve hip fracture outcome in the elderly patient (iHOPE): a study protocol for a pragmatic, multicentre randomised controlled trial to test the efficacy of spinal versus general anaesthesia. <i>BMJ Open</i> , 2018, 8, e023609.	0.8	42
48	Characterising the effect of propofol on complexity and stability in the EEG power spectrum. <i>British Journal of Anaesthesia</i> , 2018, 121, 1368-1369.	1.5	6
49	Midazolam and Dexmedetomidine Affect Neuroglioma and Lung Carcinoma Cell Biology <i><i>In Vitro</i></i> and <i><i>In Vivo</i></i> . <i>Anesthesiology</i> , 2018, 129, 1000-1014.	1.3	65
50	Efficacy of perioperative dexmedetomidine on postoperative delirium: systematic review and meta-analysis with trial sequential analysis of randomised controlled trials. <i>British Journal of Anaesthesia</i> , 2018, 121, 384-397.	1.5	153
51	Systematic review of prediction models for delirium in the older adult inpatient. <i>BMJ Open</i> , 2018, 8, e019223.	0.8	137
52	Using EEG markers to titrate anaesthesia. <i>British Journal of Anaesthesia</i> , 2018, 121, 327-329.	1.5	5
53	Propofol-induced unresponsiveness is associated with impaired feedforward connectivity in cortical hierarchy. <i>British Journal of Anaesthesia</i> , 2018, 121, 1084-1096.	1.5	31
54	Beta-blockers in noncardiac surgery: Did observational studies put us back on safe ground?. <i>British Journal of Anaesthesia</i> , 2018, 121, 16-25.	1.5	23

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55	Reply to. European Journal of Anaesthesiology, 2017, 34, 31-32.	0.7	0
56	Neuroprotection and neurotoxicity in the developing brain: an update on the effects of dexmedetomidine and xenon. Neurotoxicology and Teratology, 2017, 60, 102-116.	1.2	97
57	Dexmedetomidine Combined with Therapeutic Hypothermia Is Associated with Cardiovascular Instability and Neurotoxicity in a Piglet Model of Perinatal Asphyxia. Developmental Neuroscience, 2017, 39, 156-170.	1.0	23
58	What do people expect of general anaesthesia?. British Journal of Anaesthesia, 2017, 118, 486-488.	1.5	24
59	We may have improved but we must get better still. European Journal of Anaesthesiology, 2017, 34, 115-117.	0.7	9
60	Beta-blocker subtype and risks of perioperative adverse events following non-cardiac surgery: a nationwide cohort study. European Heart Journal, 2017, 38, 2421-2428.	1.0	21
61	Cohort study of preoperative blood pressure and risk of 30-day mortality after elective non-cardiac surgery. British Journal of Anaesthesia, 2017, 119, 65-77.	1.5	44
62	Withholding <i>versus</i> Continuing Angiotensin-converting Enzyme Inhibitors or Angiotensin II Receptor Blockers before Noncardiac Surgery. Anesthesiology, 2017, 126, 16-27.	1.3	312
63	Risks of Cardiovascular Adverse Events and Death in Patients with Previous Stroke Undergoing Emergency Noncardiac, Nonintracranial Surgery. Anesthesiology, 2017, 127, 9-19.	1.3	28
64	Does benzodiazepine administration affect patient satisfaction: a secondary analysis of the ConCIOUS study. British Journal of Anaesthesia, 2017, 118, 266-267.	1.5	8
65	Incidence of Connected Consciousness after Tracheal Intubation. Anesthesiology, 2017, 126, 214-222.	1.3	88
66	European Society of Anaesthesiology evidence-based and consensus-based guideline on postoperative delirium. European Journal of Anaesthesiology, 2017, 34, 192-214.	0.7	722
67	Brain functional connectivity differentiates dexmedetomidine from propofol and natural sleep. British Journal of Anaesthesia, 2017, 119, 674-684.	1.5	84
68	Post-anaesthesia care unit delirium: incidence, risk factors and associated adverse outcomes. British Journal of Anaesthesia, 2017, 119, 288-290.	1.5	57
69	Does pharmacokinetic/pharmacodynamic model-guided anaesthesia improve outcome after hip fracture surgery?. British Journal of Anaesthesia, 2017, 119, 872-873.	1.5	2
70	Change in functional networks for transitions between states of consciousness during midazolam-induced sedation. , 2017, 2017, 958-961.		9
71	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. Paediatric Anaesthesia, 2017, 27, 1210-1219.	0.6	10
72	Frontal alpha-delta EEG does not preclude volitional response during anaesthesia: prospective cohort study of the isolated forearm technique. British Journal of Anaesthesia, 2017, 119, 664-673.	1.5	92

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73	Network Properties in Transitions of Consciousness during Propofol-induced Sedation. Scientific Reports, 2017, 7, 16791.	1.6	112
74	Correlational studies of unconsciousness under anaesthesia: how far can preclinical studies take us?. British Journal of Anaesthesia, 2017, 119, 1079-1081.	1.5	1
75	Theseus, the Labyrinth, and the Minotaur of anaesthetic-induced developmental neurotoxicity. British Journal of Anaesthesia, 2017, 119, 453-455.	1.5	4
76	Surgery increases cell death and induces changes in gene expression compared with anesthesia alone in the developing piglet brain. PLoS ONE, 2017, 12, e0173413.	1.1	16
77	Effects of five preoperative cardiovascular drugs on mortality after coronary artery bypass surgery. European Journal of Anaesthesiology, 2016, 33, 49-57.	0.7	7
78	The association between benzodiazepines and influenza-like illness-related pneumonia and mortality: a survival analysis using UK Primary Care data. Pharmacoepidemiology and Drug Safety, 2016, 25, 1263-1273.	0.9	26
79	Monitoring consciousness under anaesthesia: the 21st century isolated forearm technique. British Journal of Anaesthesia, 2016, 116, 738-740.	1.5	4
80	Neural substrates of vulnerability to post-surgical delirium with prospective diagnosis. Brain, 2016, 139, e54-e54.	3.7	2
81	Inhaled 45% argon augments hypothermic brain protection in a piglet model of perinatal asphyxia. Neurobiology of Disease, 2016, 87, 29-38.	2.1	52
82	Is consciousness fragile?. British Journal of Anaesthesia, 2016, 116, 1-3.	1.5	19
83	Isoflurane Exposure Induces Cell Death, Microglial Activation and Modifies the Expression of Genes Supporting Neurodevelopment and Cognitive Function in the Male Newborn Piglet Brain. PLoS ONE, 2016, 11, e0166784.	1.1	31
84	Association between benzodiazepine use and exacerbations and mortality in patients with asthma: a matched case-control and survival analysis using the United Kingdom Clinical Practice Research Datalink. Pharmacoepidemiology and Drug Safety, 2015, 24, 793-802.	0.9	21
85	Predicting Perioperative Risk and Informed Consent. Annals of Surgery, 2015, 261, e40.	2.1	3
86	Climbing the delirium mountain: is alpine anaesthesia the perioperative cause?. British Journal of Anaesthesia, 2015, 115, 342-344.	1.5	5
87	Neurotoxicity of general anaesthesia is hypothetical. British Journal of Anaesthesia, 2015, 114, 344-345.	1.5	3
88	Perioperative stroke: a question of timing?. British Journal of Anaesthesia, 2015, 115, 11-13.	1.5	25
89	Selective serotonin reuptake inhibitors: depressing perioperative outcomes?. British Journal of Anaesthesia, 2015, 115, 5-7.	1.5	9
90	Immune cell expression of GABAA receptors and the effects of diazepam on influenza infection. Journal of Neuroimmunology, 2015, 282, 97-103.	1.1	27

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91	CONSORT item adherence in top ranked anaesthesiology journals in 2011. <i>European Journal of Anaesthesiology</i> , 2015, 32, 117-125.	0.7	15
92	β-Blocker-associated Risks in Patients With Uncomplicated Hypertension Undergoing Noncardiac Surgery. <i>JAMA Internal Medicine</i> , 2015, 175, 1923.	2.6	37
93	The "Friday effect": Can epidemiology tell us when to operate?. <i>Canadian Journal of Anaesthesia</i> , 2015, 62, 852-856.	0.7	2
94	Perioperative statin therapy for improving outcomes during and after noncardiac vascular surgery. <i>The Cochrane Library</i> , 2014, 2014, CD009971.	1.5	50
95	Investigation of Cerebral Autoregulation in the Newborn Piglet During Anaesthesia and Surgery. <i>Advances in Experimental Medicine and Biology</i> , 2014, 812, 165-171.	0.8	0
96	How important is perioperative hypertension?. <i>Anaesthesia</i> , 2014, 69, 948-953.	1.8	16
97	Impact of Benzodiazepines on Functional Outcome and Occurrence of Pneumonia in Stroke: Evidence from VISTA. <i>International Journal of Stroke</i> , 2014, 9, 890-894.	2.9	6
98	Toxic and protective effects of inhaled anaesthetics on the developing animal brain. <i>European Journal of Anaesthesiology</i> , 2014, 31, 669-677.	0.7	17
99	Intraoperative Analgesic Titration. <i>Anesthesia and Analgesia</i> , 2014, 119, 234-236.	1.1	3
100	Demystifying propensity scores. <i>British Journal of Anaesthesia</i> , 2014, 112, 13-15.	1.5	64
101	How Electroencephalography Serves the Anesthesiologist. <i>Clinical EEG and Neuroscience</i> , 2014, 45, 22-32.	0.9	43
102	III. To err is human: can the methods of cognitive neuroscience contribute to our understanding of errors in anaesthesia?. <i>British Journal of Anaesthesia</i> , 2014, 112, 960-964.	1.5	2
103	Perioperative cognitive trajectory in adults. <i>British Journal of Anaesthesia</i> , 2014, 112, 440-451.	1.5	139
104	III. Perioperative immunity: is there an anaesthetic hangover?. <i>British Journal of Anaesthesia</i> , 2014, 112, 210-212.	1.5	6
105	Risk factors for postoperative delirium. <i>Lancet Psychiatry</i> , 2014, 1, 404-406.	3.7	7
106	Pharmacokinetics of dexmedetomidine combined with therapeutic hypothermia in a piglet asphyxia model. <i>Acta Anaesthesiologica Scandinavica</i> , 2014, 58, 733-742.	0.7	38
107	V. "For now we see through a glass, darkly": the anaesthesia syndrome. <i>British Journal of Anaesthesia</i> , 2014, 112, 790-793.	1.5	10
108	Etomidate and Treatment Propensity. <i>Anesthesiology</i> , 2014, 121, 1128-1128.	1.3	0

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109	Are We Offtrack Using Propofol for Sedation After Traumatic Brain Injury?*. Critical Care Medicine, 2014, 42, 211-212.	0.4	5
110	Transient Regional Hypothermia Applied to a Traumatic Limb Attenuates Distant Lung Injury Following Blast Limb Trauma. Critical Care Medicine, 2014, 42, e68-e78.	0.4	14
111	The impact of benzodiazepines on occurrence of pneumonia and mortality from pneumonia: a nested case-control and survival analysis in a population-based cohort. Thorax, 2013, 68, 163-170.	2.7	129
112	Provider profiling models for acute coronary syndrome mortality using administrative data. International Journal of Cardiology, 2013, 168, 338-343.	0.8	12
113	Acute Respiratory Distress Syndrome: The Prognostic Value of Ventilatory Ratio—A Simple Bedside Tool to Monitor Ventilatory Efficiency. American Journal of Respiratory and Critical Care Medicine, 2013, 187, 1150-1153.	2.5	24
114	Take Off, Landing, and Fly Anesthesia. PLoS Genetics, 2013, 9, e1003788.	1.5	0
115	Benzodiazepine Augmented γ -Amino-Butyric Acid Signaling Increases Mortality From Pneumonia in Mice*. Critical Care Medicine, 2013, 41, 1627-1636.	0.4	69
116	Author's response. Thorax, 2013, 68, 592-593.	2.7	0
117	Consciousness and responsiveness. Current Opinion in Anaesthesiology, 2013, 26, 444-449.	0.9	31
118	Authors'™ response to Almiral et al. Thorax, 2013, 68, 965-966.	2.7	2
119	Parenteral fluids do not affect pulmonary immune responses to influenza or susceptibility to secondary bacterial pneumonia in mice. Influenza and Other Respiratory Viruses, 2013, 7, 895-899.	1.5	1
120	Use of paracetamol in ischaemic stroke patients: evidence from VISTA. Acta Neurologica Scandinavica, 2013, 128, 172-177.	1.0	5
121	Preoperative risk factors in 10 418 patients with prior myocardial infarction and 5241 patients with prior unstable angina undergoing elective coronary artery bypass graft surgery. British Journal of Anaesthesia, 2013, 111, 417-423.	1.5	10
122	Impact of anaesthetics and surgery on neurodevelopment: an update. British Journal of Anaesthesia, 2013, 110, i53-i72.	1.5	184
123	Postoperative Cognitive Trajectories in Adults. Anesthesiology, 2013, 118, 484-486.	1.3	6
124	Preoperative Stroke and Outcomes after Coronary Artery Bypass Graft Surgery. Anesthesiology, 2013, 118, 885-893.	1.3	25
125	Neural and Immune Consequences of Traumatic Brain Injury. Anesthesiology, 2013, 119, 1241-1243.	1.3	3
126	Delirium, Neurotransmission, and Network Connectivity. Anesthesiology, 2013, 118, 494-496.	1.3	9

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127	Nitrous oxide exposure does not seem to be associated with increased mortality, stroke, and myocardial infarction: a non-randomized subgroup analysis of the General Anaesthesia compared with Local Anaesthesia for carotid surgery (GALA) trial. <i>British Journal of Anaesthesia</i> , 2012, 109, 361-367.	1.5	25
128	Troponin Levels and Mortality After Noncardiac Surgery. <i>JAMA - Journal of the American Medical Association</i> , 2012, 308, 1204.	3.8	0
129	Argon. <i>European Journal of Anaesthesiology</i> , 2012, 29, 549-551.	0.7	24
130	Perioperative Stroke. <i>Stroke</i> , 2012, 43, 3-5.	1.0	12
131	Long-Term Benzodiazepine Use and Mortality: Are we Doing the Right Studies?. <i>Current Drug Safety</i> , 2012, 7, 367-371.	0.3	9
132	The protective profile of argon, helium, and xenon in a model of neonatal asphyxia in rats*. <i>Critical Care Medicine</i> , 2012, 40, 1724-1730.	0.4	119
133	Noradrenergic Trespass in Anesthetic and Sedative States. <i>Anesthesiology</i> , 2012, 117, 945-947.	1.3	19
134	Independent Preoperative Predictors of Outcomes in Orthopedic and Vascular Surgery. <i>Annals of Surgery</i> , 2012, 255, 901-907.	2.1	38
135	A xenon recirculating ventilator for the newborn piglet. <i>European Journal of Anaesthesiology</i> , 2012, 29, 577-585.	0.7	22
136	The Hip Fracture Surgery in Elderly Patients (HIPELD) study: protocol for a randomized, multicenter controlled trial evaluating the effect of xenon on postoperative delirium in older patients undergoing hip fracture surgery. <i>Trials</i> , 2012, 13, 180.	0.7	13
137	Nociceptive stimuli enhance anesthetic-induced neuroapoptosis in the rat developing brain. <i>Neurobiology of Disease</i> , 2012, 45, 743-750.	2.1	97
138	Unresponsiveness $\hat{=}$ Unconsciousness. <i>Anesthesiology</i> , 2012, 116, 946-959.	1.3	371
139	Xenon and Sevoflurane Provide Analgesia during Labor and Fetal Brain Protection in a Perinatal Rat Model of Hypoxia-Ischemia. <i>PLoS ONE</i> , 2012, 7, e37020.	1.1	47
140	Correction: Effect of dexmedetomidine versus lorazepam on outcome in patients with sepsis: an a priori-designed analysis of the MENDS randomized controlled trial. <i>Critical Care</i> , 2011, 15, .	2.5	0
141	Dexmedetomidine provides renoprotection against ischemia-reperfusion injury in mice. <i>Critical Care</i> , 2011, 15, R153.	2.5	224
142	Sedation & Immunomodulation. <i>Anesthesiology Clinics</i> , 2011, 29, 687-706.	0.6	22
143	Apixaban vs. Enoxaparin after Hip Replacement. <i>New England Journal of Medicine</i> , 2011, 364, 1177-1177.	13.9	1
144	Hypothesis for the pathophysiology of delirium: Role of baseline brain network connectivity and changes in inhibitory tone. <i>Medical Hypotheses</i> , 2011, 77, 140-143.	0.8	124

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145	Anticipating and managing postoperative delirium and cognitive decline in adults. <i>BMJ: British Medical Journal</i> , 2011, 343, d4331-d4331.	2.4	117
146	Persistent Post-Operative Cognitive Decline: Naked Truth, Invisibility Cloak or the "Emperor's New Clothes"? <i>Journal of Alzheimer's Disease</i> , 2011, 24, 217-220.	1.2	2
147	Cerebral perfusion under pressure: is the autoregulatory "plateau" a level playing field for all? <i>Anaesthesia</i> , 2011, 66, 968-972.	1.8	24
148	Contribution of sedative-hypnotic agents to delirium via modulation of the sleep pathway. <i>Canadian Journal of Anaesthesia</i> , 2011, 58, 149-156.	0.7	75
149	Xenon augmented hypothermia reduces early lactate/Na ⁺ acetylaspartate and cell death in perinatal asphyxia. <i>Annals of Neurology</i> , 2011, 70, 133-150.	2.8	106
150	Dexmedetomidine provides cortical neuroprotection: impact on anaesthetic-induced neuroapoptosis in the rat developing brain. <i>Acta Anaesthesiologica Scandinavica</i> , 2010, 54, 710-716.	0.7	244
151	Neuroinflammation and postoperative cognitive dysfunction: can anaesthesia be therapeutic? <i>European Journal of Anaesthesiology</i> , 2010, 27, 3-5.	0.7	16
152	Preconditioning and Postinsult Therapies for Perinatal Hypoxic/Ischemic Injury at Term. <i>Anesthesiology</i> , 2010, 113, 233-249.	1.3	52
153	What Is the Role of β_2 -Adrenergic Receptor Agonists in the Intensive Care Unit? , 2010 , 548-552.		0
154	Evidence Is Lacking for Interventions Proposed to Prevent Unintended Awareness During General Anesthesia for Cesarean Delivery. <i>Anesthesia and Analgesia</i> , 2010, 110, 972-973.	1.1	8
155	Endovascular Repair of Abdominal Aortic Aneurysm. <i>New England Journal of Medicine</i> , 2010, 363, 1479-1482.	13.9	1
156	Effect of dexmedetomidine versus lorazepam on outcome in patients with sepsis: an a priori-designed analysis of the MENDS randomized controlled trial. <i>Critical Care</i> , 2010, 14, R38.	2.5	335
157	Argon neuroprotection. <i>Critical Care</i> , 2010, 14, 117.	2.5	19
158	Anesthetic-induced neurotoxicity of the neonate: time for clinical guidelines?. <i>Paediatric Anaesthesia</i> , 2009, 19, 1141-1146.	0.6	46
159	Sedation improves early outcome in severely septic Sprague Dawley rats. <i>Critical Care</i> , 2009, 13, R136.	2.5	78
160	Sedation & Immunomodulation. <i>Critical Care Clinics</i> , 2009, 25, 551-570.	1.0	90
161	Dexmedetomidine Attenuates Isoflurane-induced Neurocognitive Impairment in Neonatal Rats. <i>Anesthesiology</i> , 2009, 110, 1077-1085.	1.3	402
162	Does Correcting the Numbers Improve Long-term Outcome?. <i>Anesthesiology</i> , 2009, 111, 475-477.	1.3	3

#	ARTICLE	IF	CITATIONS
163	Balancing paediatric anaesthesia: preclinical insights into analgesia, hypnosis, neuroprotection, and neurotoxicity. <i>British Journal of Anaesthesia</i> , 2008, 101, 597-609.	1.5	54
164	General Anesthetics Induce Apoptotic Neurodegeneration in the Neonatal Rat Spinal Cord. <i>Anesthesia and Analgesia</i> , 2008, 106, 1708-1711.	1.1	69
165	Biologic Effects of Nitrous Oxide. <i>Anesthesiology</i> , 2008, 109, 707-722.	1.3	301
166	G-Protein-Coupled Receptors. , 2008, , 93-117.		15
167	Xenon and Sevoflurane Protect against Brain Injury in a Neonatal Asphyxia Model. <i>Anesthesiology</i> , 2008, 109, 782-789.	1.3	101
168	Asynchronous administration of xenon and hypothermia significantly reduces brain infarction in the neonatal rat. <i>British Journal of Anaesthesia</i> , 2007, 98, 236-240.	1.5	61
169	Translational Research: Addressing Problems Facing the Anesthesiologist. <i>Anesthesia and Analgesia</i> , 2007, 105, 899-901.	1.1	3
170	Adrenergic and Cholinergic Compounds. , 2007, , 251-264.		6
171	Alpha2-adrenoceptor agonists. <i>Current Opinion in Investigational Drugs</i> , 2007, 8, 25-33.	2.3	36
172	Neuroprotective interaction produced by xenon and dexmedetomidine on in vitro and in vivo neuronal injury models. <i>Neuroscience Letters</i> , 2006, 409, 128-133.	1.0	64
173	Molecular Mechanisms Transducing the Anesthetic, Analgesic, and Organ-protective Actions of Xenon. <i>Anesthesiology</i> , 2006, 105, 187-197.	1.3	142
174	Xenon Preconditioning Reduces Brain Damage from Neonatal Asphyxia in Rats. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2006, 26, 199-208.	2.4	164
175	Xenon: from stranger to guardian. <i>Current Opinion in Anaesthesiology</i> , 2005, 18, 405-411.	0.9	35
176	Dexmedetomidine Exerts Dose-Dependent Age-Independent Antinociception but Age-Dependent Hypnosis in Fischer Rats. <i>Anesthesia and Analgesia</i> , 2005, 100, 1295-1302.	1.1	33
177	Anaesthesia induced neuroprotection. <i>Bailliere's Best Practice and Research in Clinical Anaesthesiology</i> , 2005, 19, 461-474.	1.7	53
178	Xenon and hypothermia combine to provide neuroprotection from neonatal asphyxia. <i>Annals of Neurology</i> , 2005, 58, 182-193.	2.8	243
179	Xenon: elemental anaesthesia in clinical practice. <i>British Medical Bulletin</i> , 2005, 71, 115-135.	2.7	95
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181	Extending low-dose epidural analgesia for emergency Caesarean section using ropivacaine 0.75%. Anaesthesia, 2004, 59, 988-992.	1.8	188
182	Dexmedetomidine produces its neuroprotective effect via the α_2 -adrenoceptor subtype. European Journal of Pharmacology, 2004, 502, 87-97.	1.7	257
183	Xenon Exerts Age-independent Antinociception in Fischer Rats. Anesthesiology, 2004, 100, 1313-1318.	1.3	21
184	Xenon: no stranger to anaesthesia. British Journal of Anaesthesia, 2003, 91, 709-717.	1.5	95
185	Neurology of sleep and sleep disorders. , 0, , 76-83.		0