

David S Warner

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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.

201 papers	10,088 citations	56 h-index	92 g-index
211 ext. papers	10,899 ext. citations	4.5 avg, IF	5.64 L-index

#	Paper	IF	Citations
201	Simvastatin reduces vasospasm after aneurysmal subarachnoid hemorrhage: results of a pilot randomized clinical trial. <i>Stroke</i> , 2005 , 36, 2024-6	6.7	745
200	Simvastatin increases endothelial nitric oxide synthase and ameliorates cerebral vasospasm resulting from subarachnoid hemorrhage. <i>Stroke</i> , 2002 , 33, 2950-6	6.7	736
199	Oxidants, antioxidants and the ischemic brain. <i>Journal of Experimental Biology</i> , 2004 , 207, 3221-31	3	474
198	APOE genotype and an ApoE-mimetic peptide modify the systemic and central nervous system inflammatory response. <i>Journal of Biological Chemistry</i> , 2003 , 278, 48529-33	5.4	258
197	Interscalene brachial plexus block with a continuous catheter insertion system and a disposable infusion pump. <i>Anesthesia and Analgesia</i> , 2000 , 91, 1473-8	3.9	217
196	The neuroprotective effect of xenon administration during transient middle cerebral artery occlusion in mice. <i>Anesthesiology</i> , 2003 , 99, 876-81	4.3	182
195	Neuroprotection from delayed postischemic administration of a metalloporphyrin catalytic antioxidant. <i>Journal of Neuroscience</i> , 2001 , 21, 4582-92	6.6	142
194	Simvastatin and atorvastatin improve behavioral outcome, reduce hippocampal degeneration, and improve cerebral blood flow after experimental traumatic brain injury. <i>Experimental Neurology</i> , 2007 , 206, 59-69	5.7	136
193	Apolipoprotein E-deficient mice have increased susceptibility to focal cerebral ischemia. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1997 , 17, 753-8	7.3	132
192	Apolipoprotein E isoform-specific differences in outcome from focal ischemia in transgenic mice. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1998 , 18, 361-6	7.3	131
191	Isoflurane provides long-term protection against focal cerebral ischemia in the rat. <i>Anesthesiology</i> , 2007 , 106, 92-9; discussion 8-10	4.3	118
190	Possible Role for Vascular Cell Proliferation in Cerebral Vasospasm After Subarachnoid Hemorrhage. <i>Stroke</i> , 2003 , 34, 427-433	6.7	117
189	Transient global cerebral ischemia induces a massive increase in protein sumoylation. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2008 , 28, 269-79	7.3	114
188	A comparison of 0.5% bupivacaine, 0.5% ropivacaine, and 0.75% ropivacaine for interscalene brachial plexus block. <i>Anesthesia and Analgesia</i> , 1998 , 87, 1316-9	3.9	109
187	A novel therapeutic derived from apolipoprotein E reduces brain inflammation and improves outcome after closed head injury. <i>Experimental Neurology</i> , 2005 , 192, 109-16	5.7	108
186	In vivo models of cerebral ischemia: effects of parenterally administered NMDA receptor glycine site antagonists. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1995 , 15, 188-96	7.3	108
185	A comparison of strain-related susceptibility in two murine recovery models of global cerebral ischemia. <i>Brain Research</i> , 2000 , 868, 14-21	3.7	106

184	Apolipoprotein E deficiency worsens outcome from global cerebral ischemia in the mouse. <i>Stroke</i> , 1999 , 30, 1118-24	6.7	102
183	Hyperbaric oxygen decreases infarct size and behavioral deficit after transient focal cerebral ischemia in rats. <i>Brain Research</i> , 2000 , 853, 68-73	3.7	100
182	Mouse model of subarachnoid hemorrhage associated cerebral vasospasm: methodological analysis. <i>Neurological Research</i> , 2002 , 24, 510-6	2.7	98
181	Serum von Willebrand factor, matrix metalloproteinase-9, and vascular endothelial growth factor levels predict the onset of cerebral vasospasm after aneurysmal subarachnoid hemorrhage. <i>Neurosurgery</i> , 2002 , 51, 1128-34; discussion 1134-5	3.2	98
180	Apolipoprotein E affects the central nervous system response to injury and the development of cerebral edema. <i>Annals of Neurology</i> , 2002 , 51, 113-7	9.4	97
179	Isoflurane Neuroprotection: A Passing Fantasy, Again?. <i>Anesthesiology</i> , 2000 , 92, 1223-1223	4.3	93
178	Reversible focal ischemia in the rat: effects of halothane, isoflurane, and methohexital anesthesia. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1991 , 11, 794-802	7.3	93
177	Ambulatory Discharge After Long-Acting Peripheral Nerve Blockade: 2382 Blocks with Ropivacaine. <i>Anesthesia and Analgesia</i> , 2002 , 94, 65-70	3.9	91
176	Analysis of the brain bioavailability of peripherally administered magnesium sulfate: A study in humans with acute brain injury undergoing prolonged induced hypermagnesemia. <i>Critical Care Medicine</i> , 2005 , 33, 661-6	1.4	89
175	Effects of metalloporphyrin catalytic antioxidants in experimental brain ischemia. <i>Free Radical Biology and Medicine</i> , 2002 , 33, 947-61	7.8	88
174	Levetiracetam is neuroprotective in murine models of closed head injury and subarachnoid hemorrhage. <i>Neurocritical Care</i> , 2006 , 5, 71-8	3.3	86
173	Transient focal cerebral ischemia induces a dramatic activation of small ubiquitin-like modifier conjugation. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2008 , 28, 892-6	7.3	82
172	Effects of isoflurane versus fentanyl-nitrous oxide anesthesia on long-term outcome from severe forebrain ischemia in the rat. <i>Anesthesiology</i> , 2004 , 100, 1160-6	4.3	82
171	A randomized, double-blinded comparison of ondansetron, droperidol, and placebo for prevention of postoperative nausea and vomiting after supratentorial craniotomy. <i>Anesthesia and Analgesia</i> , 2000 , 91, 358-61	3.9	82
170	Isoflurane improves long-term neurologic outcome versus fentanyl after traumatic brain injury in rats. <i>Journal of Neurotrauma</i> , 2000 , 17, 1179-89	5.4	82
169	Extracellular superoxide dismutase deficiency worsens outcome from focal cerebral ischemia in the mouse. <i>Neuroscience Letters</i> , 1999 , 267, 13-6	3.3	81
168	Anti-inflammatory effects of progesterone in lipopolysaccharide-stimulated BV-2 microglia. <i>PLoS ONE</i> , 2014 , 9, e103969	3.7	80
167	Attenuation of cerebral vasospasm after subarachnoid hemorrhage in mice overexpressing extracellular superoxide dismutase. <i>Stroke</i> , 2002 , 33, 2317-23	6.7	80

166	Intracranial Pressure and Hemodynamic Effects of Remifentanyl Versus Alfentanil in Patients Undergoing Supratentorial Craniotomy. <i>Anesthesia and Analgesia</i> , 1996 , 83, 348-353	3.9	79
165	Preclinical models of intracerebral hemorrhage: a translational perspective. <i>Neurocritical Care</i> , 2008 , 9, 139-52	3.3	79
164	Peripheral nerve block techniques for ambulatory surgery. <i>Anesthesia and Analgesia</i> , 2005 , 101, 1663-1676	3.9	79
163	A Comparison of 0.5% Bupivacaine, 0.5% Ropivacaine, and 0.75% Ropivacaine for Interscalene Brachial Plexus Block. <i>Anesthesia and Analgesia</i> , 1998 , 87, 1316-1319	3.9	77
162	The role of cerebral metabolism in determining the local cerebral blood flow effects of volatile anesthetics: evidence for persistent flow-metabolism coupling. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1989 , 9, 323-8	7.3	77
161	Cardiac glycosides provide neuroprotection against ischemic stroke: discovery by a brain slice-based compound screening platform. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 10461-10466	11.5	73
160	Design, mechanism of action, bioavailability and therapeutic effects of mn porphyrin-based redox modulators. <i>Medical Principles and Practice</i> , 2013 , 22, 103-30	2.1	71
159	A novel apoE-derived therapeutic reduces vasospasm and improves outcome in a murine model of subarachnoid hemorrhage. <i>Neurocritical Care</i> , 2006 , 4, 25-31	3.3	71
158	Peripheral Nerve Blockade with Long-Acting Local Anesthetics: A Survey of The Society for Ambulatory Anesthesia. <i>Anesthesia and Analgesia</i> , 2002 , 94, 71-76	3.9	71
157	A new SOD mimic, Mn(III) ortho N-butoxyethylpyridylporphyrin, combines superb potency and lipophilicity with low toxicity. <i>Free Radical Biology and Medicine</i> , 2012 , 52, 1828-34	7.8	67
156	A comparison of remifentanyl and fentanyl in patients undergoing surgery for intracranial mass lesions. <i>Anesthesia and Analgesia</i> , 2000 , 91, 163-9	3.9	67
155	Interscalene brachial plexus block with continuous intraarticular infusion of ropivacaine. <i>Anesthesia and Analgesia</i> , 2001 , 93, 601-5	3.9	66
154	Isoflurane-induced neuronal degeneration: an evaluation in organotypic hippocampal slice cultures. <i>Anesthesia and Analgesia</i> , 2005 , 101, 651-657	3.9	64
153	gamma-Aminobutyric acid-A receptors contribute to isoflurane neuroprotection in organotypic hippocampal cultures. <i>Anesthesia and Analgesia</i> , 2003 , 97, 564-571	3.9	63
152	Superparamagnetic iron oxide labeling and transplantation of adipose-derived stem cells in middle cerebral artery occlusion-injured mice. <i>American Journal of Roentgenology</i> , 2007 , 188, 1101-8	5.4	58
151	Apolipoprotein E protects against oxidative stress in mixed neuronal-glial cell cultures by reducing glutamate toxicity. <i>Neurochemistry International</i> , 2004 , 44, 107-18	4.4	58
150	Acute effects of changing plasma osmolality and colloid oncotic pressure on the formation of brain edema after cryogenic injury. <i>Neurosurgery</i> , 1989 , 24, 671-8	3.2	58
149	Physiology Of Drowning: A Review. <i>Physiology</i> , 2016 , 31, 147-66	9.8	56

148	Intraischemic nitrous oxide alters neither neurologic nor histologic outcome: a comparison with dizocilpine. <i>Anesthesia and Analgesia</i> , 2004 , 99, 896-903	3.9	56
147	Mice overexpressing extracellular superoxide dismutase have increased resistance to global cerebral ischemia. <i>Experimental Neurology</i> , 2000 , 163, 392-8	5.7	56
146	Hemodynamics and emergence profile of remifentanyl versus fentanyl prospectively compared in a large population of surgical patients. <i>Journal of Clinical Anesthesia</i> , 2001 , 13, 407-16	1.9	56
145	Characterization of a recovery global cerebral ischemia model in the mouse. <i>Journal of Neuroscience Methods</i> , 1999 , 88, 103-9	3	56
144	Differential coordination demands in Fe versus Mn water-soluble cationic metalloporphyrins translate into remarkably different aqueous redox chemistry and biology. <i>Inorganic Chemistry</i> , 2013 , 52, 5677-91	5.1	53
143	A comparison of the remifentanyl and fentanyl adverse effect profile in a multicenter phase IV study. <i>Journal of Clinical Anesthesia</i> , 2002 , 14, 494-9	1.9	53
142	Postoperative Nausea and Vomiting. <i>Journal of Neurosurgical Anesthesiology</i> , 1997 , 9, 308-312	3	52
141	Magnesium neuroprotection is limited in humans with acute brain injury. <i>Neurocritical Care</i> , 2005 , 2, 342-51	3.5	52
140	Novel Manganese-Porphyrin Superoxide Dismutase-Mimetic Widens the Therapeutic Margin in a Preclinical Head and Neck Cancer Model. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015 , 93, 892-900	4	51
139	Tracking brain volume changes in C57BL/6J and ApoE-deficient mice in a model of neurodegeneration: a 5-week longitudinal micro-MRI study. <i>NeuroImage</i> , 2001 , 14, 1244-55	7.9	51
138	Brain resuscitation in the drowning victim. <i>Neurocritical Care</i> , 2012 , 17, 441-67	3.3	50
137	Xenon neuroprotection in experimental stroke: interactions with hypothermia and intracerebral hemorrhage. <i>Anesthesiology</i> , 2012 , 117, 1262-75	4.3	49
136	Neuroprotective efficacy from a lipophilic redox-modulating Mn(III) N-Hexylpyridylporphyrin, MnTnHex-2-PyP: rodent models of ischemic stroke and subarachnoid hemorrhage. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2011 , 338, 906-16	4.7	49
135	Intact cerebral blood flow reactivity during remifentanyl/nitrous oxide anesthesia. <i>Journal of Neurosurgical Anesthesiology</i> , 1997 , 9, 134-40	3	49
134	Cerebral ischemia/stroke and small ubiquitin-like modifier (SUMO) conjugation--a new target for therapeutic intervention?. <i>Journal of Neurochemistry</i> , 2008 , 106, 989-99	6	49
133	Assessing a Tool to Measure Patient Functional Ability After Outpatient Surgery. <i>Anesthesia and Analgesia</i> , 2000 , 91, 97-106	3.9	49
132	Comprehensive pharmacokinetic studies and oral bioavailability of two Mn porphyrin-based SOD mimics, MnTE-2-PyP5+ and MnTnHex-2-PyP5+. <i>Free Radical Biology and Medicine</i> , 2013 , 58, 73-80	7.8	48
131	Perioperative hypothermia: use and therapeutic implications. <i>Journal of Neurotrauma</i> , 2009 , 26, 342-58	5.4	48

130	A catalytic antioxidant (AEOL 10150) attenuates expression of inflammatory genes in stroke. <i>Free Radical Biology and Medicine</i> , 2002 , 33, 1141-52	7.8	48
129	Neurological injury during cardiopulmonary bypass in the rat. <i>Perfusion (United Kingdom)</i> , 2001 , 16, 75-81	7.9	48
128	Activation of the ATF6 branch of the unfolded protein response in neurons improves stroke outcome. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017 , 37, 1069-1079	7.3	47
127	Long-term cognitive dysfunction following experimental subarachnoid hemorrhage: new perspectives. <i>Experimental Neurology</i> , 2008 , 213, 336-44	5.7	46
126	A comparison of hyperbaric oxygen versus hypoxic cerebral preconditioning in neonatal rats. <i>Brain Research</i> , 2006 , 1075, 213-22	3.7	46
125	Extracellular superoxide dismutase overexpression improves behavioral outcome from closed head injury in the mouse. <i>Journal of Neurotrauma</i> , 2001 , 18, 625-34	5.4	46
124	Apolipoprotein E protects against NMDA excitotoxicity. <i>Neurobiology of Disease</i> , 2002 , 11, 214-20	7.5	46
123	Paravertebral Somatic Nerve Block Compared with Peripheral Nerve Blocks for Outpatient Inguinal Herniorrhaphy. <i>Regional Anesthesia and Pain Medicine</i> , 2002 , 27, 476-480	3.4	45
122	Intraoperative magnesium administration does not improve neurocognitive function after cardiac surgery. <i>Stroke</i> , 2013 , 44, 3407-13	6.7	43
121	Relative neuroprotective effects of dizocilpine and isoflurane during focal cerebral ischemia in the rat. <i>Anesthesia and Analgesia</i> , 1998 , 87, 72-8	3.9	43
120	Long-term neuroprotection from a potent redox-modulating metalloporphyrin in the rat. <i>Free Radical Biology and Medicine</i> , 2009 , 47, 917-23	7.8	42
119	The role of electrode size on the incidence of spreading depression and on cortical cerebral blood flow as measured by H ₂ clearance. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1992 , 12, 230-7	7.3	42
118	Intrathecal administration of a novel apoE-derived therapeutic peptide improves outcome following perinatal hypoxic-ischemic injury. <i>Neuroscience Letters</i> , 2005 , 381, 305-8	3.3	39
117	Dissociation between vasospasm and functional improvement in a murine model of subarachnoid hemorrhage. <i>Neurosurgical Focus</i> , 2006 , 21, E4	4.2	39
116	Statins improve outcome in murine models of intracranial hemorrhage and traumatic brain injury: a translational approach. <i>Journal of Neurotrauma</i> , 2012 , 29, 1388-400	5.4	38
115	Severe hypotension is not essential for isoflurane neuroprotection against forebrain ischemia in mice. <i>Anesthesiology</i> , 2003 , 99, 1145-51	4.3	38
114	A randomized, double-blind comparison of ondansetron versus placebo for prevention of nausea and vomiting after infratentorial craniotomy. <i>Journal of Neurosurgical Anesthesiology</i> , 2002 , 14, 102-7	3	38
113	Mouse spinal cord compression injury is ameliorated by intrathecal cationic manganese(III) porphyrin catalytic antioxidant therapy. <i>Neuroscience Letters</i> , 2004 , 366, 220-5	3.3	37

112	Effects of intra-ischemic blood pressure on outcome from 2-vessel occlusion forebrain ischemia in the rat. <i>Brain Research</i> , 1992 , 586, 188-94	3.7	37
111	Metalloporphyrins as therapeutic catalytic oxidoreductants in central nervous system disorders. <i>Antioxidants and Redox Signaling</i> , 2014 , 20, 2437-64	8.4	34
110	Metalloporphyrin antioxidants ameliorate normal tissue radiation damage in rat brain. <i>International Journal of Radiation Biology</i> , 2010 , 86, 145-63	2.9	34
109	Paravertebral somatic nerve block compared with peripheral nerve blocks for outpatient inguinal herniorrhaphy. <i>Regional Anesthesia and Pain Medicine</i> , 2002 , 27, 476-80	3.4	34
108	Effects of ketamine on outcome from temporary middle cerebral artery occlusion in the spontaneously hypertensive rat. <i>Brain Research</i> , 1991 , 565, 116-22	3.7	34
107	XBP1 (X-Box-Binding Protein-1)-Dependent O-GlcNAcylation Is Neuroprotective in Ischemic Stroke in Young Mice and Its Impairment in Aged Mice Is Rescued by Thiamet-G. <i>Stroke</i> , 2017 , 48, 1646-1654	6.7	32
106	Anesthesia in Experimental Stroke Research. <i>Translational Stroke Research</i> , 2016 , 7, 358-67	7.8	31
105	The Effect of Propofol Versus Isoflurane Anesthesia on Human Cerebrospinal Fluid Markers of Alzheimer's Disease: Results of a Randomized Trial. <i>Journal of Alzheimer's Disease</i> , 2016 , 52, 1299-310	4.3	31
104	Methoxy-derivatization of alkyl chains increases the in vivo efficacy of cationic Mn porphyrins. Synthesis, characterization, SOD-like activity, and SOD-deficient E. coli study of meta Mn(III) N-methoxyalkylpyridylporphyrins. <i>Dalton Transactions</i> , 2011 , 40, 4111-21	4.3	30
103	The difficulties of ambulatory interscalene and intra-articular infusions for rotator cuff surgery: a preliminary report. <i>Canadian Journal of Anaesthesia</i> , 2003 , 50, 265-9	3	30
102	Pharmacologically augmented S-nitrosylated hemoglobin improves recovery from murine subarachnoid hemorrhage. <i>Stroke</i> , 2011 , 42, 471-6	6.7	29
101	Selective gamma-aminobutyric acid type A receptor antagonism reverses isoflurane ischemic neuroprotection. <i>Anesthesiology</i> , 2006 , 105, 81-90	4.3	28
100	A no-laminectomy spinal cord compression injury model in mice. <i>Journal of Neurotrauma</i> , 2004 , 21, 595-603	5.4	28
99	Hypothermia reduces the propensity of cortical tissue to propagate direct current depolarizations in the rat. <i>Neuroscience Letters</i> , 1996 , 218, 25-8	3.3	28
98	2015 revised Utstein-style recommended guidelines for uniform reporting of data from drowning-related resuscitation: An ILCOR advisory statement. <i>Resuscitation</i> , 2017 , 118, 147-158	4	27
97	The Effects of Aprotinin on Outcome from Cerebral Ischemia in the Rat. <i>Anesthesia and Analgesia</i> , 1999 , 88, 1-7	3.9	26
96	Neuron-specific SUMO knockdown suppresses global gene expression response and worsens functional outcome after transient forebrain ischemia in mice. <i>Neuroscience</i> , 2017 , 343, 190-212	3.9	25
95	Neuroprotective effect of NMDA receptor glycine recognition site antagonism persists when brain temperature is controlled. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1997 , 17, 161-7	7.3	25

94	Hemodynamic effects of metalloporphyrin catalytic antioxidants: structure-activity relationships and species specificity. <i>Free Radical Biology and Medicine</i> , 2002 , 33, 1657-69	7.8	25
93	Paravertebral Somatic Nerve Block for Outpatient Inguinal Herniorrhaphy. <i>Regional Anesthesia and Pain Medicine</i> , 1998 , 23, 306-310	3.4	25
92	Perioperative Management of Aneurysmal Subarachnoid Hemorrhage. <i>Anesthesia and Analgesia</i> , 1995 , 81, 1060-1072	3.9	24
91	2015 Revised Utstein-Style Recommended Guidelines for Uniform Reporting of Data From Drowning-Related Resuscitation: An ILCOR Advisory Statement. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2017 , 10,	5.8	23
90	Effects of postischemic halothane administration on outcome from transient focal cerebral ischemia in the rat. <i>Journal of Neurosurgical Anesthesiology</i> , 1999 , 11, 31-6	3	23
89	A blinded randomized assessment of laser Doppler flowmetry efficacy in standardizing outcome from intraluminal filament MCAO in the rat. <i>Journal of Neuroscience Methods</i> , 2015 , 241, 111-20	3	22
88	Simvastatin treatment duration and cognitive preservation in experimental subarachnoid hemorrhage. <i>Journal of Neurosurgical Anesthesiology</i> , 2009 , 21, 326-33	3	22
87	Experience with remifentanyl in neurosurgical patients. <i>Anesthesia and Analgesia</i> , 1999 , 89, 33	3.9	22
86	Differential cerebral gene expression during cardiopulmonary bypass in the rat: evidence for apoptosis?. <i>Anesthesia and Analgesia</i> , 2002 , 94, 1389-94, table of contents	3.9	21
85	Regional CBF in apolipoprotein E-deficient and wild type mice during focal cerebral ischemia. <i>NeuroReport</i> , 1998 , 9, 2615-20	1.7	21
84	Translational research in acute central nervous system injury: lessons learned and the future. <i>JAMA Neurology</i> , 2014 , 71, 1311-8	17.2	20
83	Effect of halothane in cortical cell cultures exposed to N-methyl-D-aspartate. <i>Neurochemical Research</i> , 1998 , 23, 17-23	4.6	20
82	Effects of a synthetic allosteric modifier of hemoglobin oxygen affinity on outcome from global cerebral ischemia in the rat. <i>Stroke</i> , 1998 , 29, 1650-5	6.7	20
81	Effects of Isoflurane, Ketamine, and Fentanyl/N ₂ O on Concentrations of Brain and Plasma Catecholamines During Near-Complete Cerebral Ischemia in the Rat. <i>Anesthesia and Analgesia</i> , 1999 , 88, 787-792	3.9	20
80	The hemispheric cerebrovascular response to hemodilution is attenuated by a focal cryogenic brain injury. <i>Journal of Neurotrauma</i> , 1994 , 11, 149-60	5.4	20
79	Effects of glycine receptor antagonism on spreading depression in the rat. <i>Neuroscience Letters</i> , 1994 , 180, 285-9	3.3	20
78	Glycine receptor antagonism. Effects of ACEA-1021 on the minimum alveolar concentration for halothane in the rat. <i>Anesthesiology</i> , 1995 , 82, 963-8	4.3	20
77	The influence of different concentrations of volatile anesthetics on the threshold for cortical spreading depression in rats. <i>Brain Research</i> , 1992 , 581, 153-5	3.7	20

76	Temporal thresholds for hyperglycemia-augmented ischemic brain damage in rats. <i>Stroke</i> , 1995 , 26, 655-660	6.9	20
75	The Effect of Propofol vs. Isoflurane Anesthesia on Postoperative Changes in Cerebrospinal Fluid Cytokine Levels: Results from a Randomized Trial. <i>Frontiers in Immunology</i> , 2017 , 8, 1528	8.4	19
74	The Effects of Plasma and Brain Magnesium Concentrations on Lidocaine-Induced Seizures in the Rat. <i>Anesthesia and Analgesia</i> , 1996 , 83, 1223-1228	3.9	19
73	Progesterone Improves Neurobehavioral Outcome in Models of Intracerebral Hemorrhage. <i>Neuroendocrinology</i> , 2016 , 103, 665-77	5.6	18
72	Anesthetics provide limited but real protection against acute brain injury. <i>Journal of Neurosurgical Anesthesiology</i> , 2004 , 16, 303-7	3	17
71	Is There a Learning Curve Associated with the Use of Remifentanyl?. <i>Anesthesia and Analgesia</i> , 2000 , 91, 1049-1055	3.9	17
70	Sex Differences in Gene and Protein Expression After Intracerebral Hemorrhage in Mice. <i>Translational Stroke Research</i> , 2019 , 10, 231-239	7.8	16
69	Intrastriatal injection of autologous blood or clostridial collagenase as murine models of intracerebral hemorrhage. <i>Journal of Visualized Experiments</i> , 2014 ,	1.6	16
68	High-dose fentanyl does not adversely affect outcome from forebrain ischemia in the rat. <i>Journal of Neurosurgical Anesthesiology</i> , 1997 , 9, 316-23	3	16
67	Perioperative neuroprotection: are we asking the right questions?. <i>Anesthesia and Analgesia</i> , 2004 , 98, 563-5	3.9	16
66	Glutamatergic antagonism: effects on lidocaine-induced seizures in the rat. <i>Anesthesia and Analgesia</i> , 1994 , 79, 701-5	3.9	16
65	Effects of acute hypermagnesemia on the threshold for lidocaine-induced seizures in the rat. <i>American Journal of Obstetrics and Gynecology</i> , 1991 , 164, 693-7	6.4	16
64	ApoE mimetic ameliorates motor deficit and tissue damage in rat spinal cord injury. <i>Journal of Neuroscience Research</i> , 2014 , 92, 884-92	4.4	15
63	Apoptosis is not enhanced in primary mixed neuronal/glial cultures protected by isoflurane against N-methyl-D-aspartate excitotoxicity. <i>Anesthesia and Analgesia</i> , 2004 , 99, 1708-1714	3.9	15
62	Does functional ability in the postoperative period differ between remifentanyl- and fentanyl-based anesthesia?. <i>Journal of Clinical Anesthesia</i> , 2001 , 13, 401-6	1.9	15
61	Relative Neuroprotective Effects of Dizocilpine and Isoflurane During Focal Cerebral Ischemia in the Rat. <i>Anesthesia and Analgesia</i> , 1998 , 87, 72-78	3.9	15
60	Natural allelic variation of the IL-21 receptor modulates ischemic stroke infarct volume. <i>Journal of Clinical Investigation</i> , 2016 , 126, 2827-38	15.9	15
59	Treatment of traumatic brain injury: one size does not fit all. <i>Anesthesia and Analgesia</i> , 2004 , 99, 1208-1210	3.9	14

58	A Comparison of Remifentanyl and Fentanyl in Patients Undergoing Surgery for Intracranial Mass Lesions. <i>Anesthesia and Analgesia</i> , 2000 , 91, 163-169	3.9	14
57	Effect of intracerebral norepinephrine depletion on outcome from severe forebrain ischemia in the rat. <i>Brain Research</i> , 1999 , 847, 262-9	3.7	14
56	Catalytic Antioxidants as Novel Pharmacologic Approaches to Treatment of Ischemic Brain Injury. <i>Drug News and Perspectives</i> , 2002 , 15, 654-665		14
55	Anesthetic neuroprotection: antecedents and an appraisal of preclinical and clinical data quality. <i>Current Pharmaceutical Design</i> , 2014 , 20, 5751-65	3.3	14
54	Differential Cerebral Gene Expression During Cardiopulmonary Bypass in the Rat: Evidence for Apoptosis?. <i>Anesthesia and Analgesia</i> , 2002 , 94, 1389-1394	3.9	13
53	Pre-ischemic depletion of brain norepinephrine decreases infarct size in normothermic rats exposed to transient focal cerebral ischemia. <i>Neuroscience Letters</i> , 1999 , 275, 167-70	3.3	13
52	Distribution of cerebral blood flow during deep isoflurane vs. pentobarbital anesthesia in rats with middle cerebral artery occlusion. <i>Journal of Neurosurgical Anesthesiology</i> , 1989 , 1, 219-26	3	13
51	Sustained functional improvement by hepatocyte growth factor-like small molecule BB3 after focal cerebral ischemia in rats and mice. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015 , 35, 1044-53	7.3	12
50	The Effects of Anesthetics on Stress Responses to Forebrain Ischemia and Reperfusion in the Rat. <i>Anesthesia and Analgesia</i> , 2000 , 91, 145-151	3.9	12
49	Plasma osmolality and brain water content in a rat glioma model. <i>Neurosurgery</i> , 1994 , 34, 505-11; discussion 511	3.2	12
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