

Huafeng Wei

List of Publications by Year in descending order

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Version: 2024-02-01

73
papers

3,617
citations

172457

29
h-index

138484

58
g-index

77
all docs

77
docs citations

77
times ranked

3080
citing authors

#	ARTICLE	IF	CITATIONS
1	Inhaled Anesthetic Enhancement of Amyloid- β^2 Oligomerization and Cytotoxicity. <i>Anesthesiology</i> , 2004, 101, 703-709.	2.5	360
2	Emergency tracheal intubation in 202 patients with COVID-19 in Wuhan, China: lessons learnt and international expert recommendations. <i>British Journal of Anaesthesia</i> , 2020, 125, e28-e37.	3.4	267
3	Isoflurane Causes Greater Neurodegeneration Than an Equivalent Exposure of Sevoflurane in the Developing Brain of Neonatal Mice. <i>Anesthesiology</i> , 2010, 112, 1325-1334.	2.5	196
4	Isoflurane and sevoflurane affect cell survival and BCL-2/BAX ratio differently. <i>Brain Research</i> , 2005, 1037, 139-147.	2.2	192
5	The Common Inhalational Anesthetic Isoflurane Induces Apoptosis <i>via</i> Activation of Inositol 1,4,5-Trisphosphate Receptors. <i>Anesthesiology</i> , 2008, 108, 251-260.	2.5	176
6	Inhalational Anesthetics Induce Cell Damage by Disruption of Intracellular Calcium Homeostasis with Different Potencies. <i>Anesthesiology</i> , 2008, 109, 243-250.	2.5	153
7	Dantrolene Is Cytoprotective in Two Models of Neuronal Cell Death. <i>Journal of Neurochemistry</i> , 1996, 67, 2390-2398.	3.9	131
8	Bcl-2 Protects Against Apoptosis in Neuronal Cell Line Caused by Thapsigargin-Induced Depletion of Intracellular Calcium Stores. <i>Journal of Neurochemistry</i> , 1998, 70, 2305-2314.	3.9	121
9	β^2 -Amyloid peptide-induced death of PC 12 cells and cerebellar granule cell neurons is inhibited by long-term lithium treatment. <i>European Journal of Pharmacology</i> , 2000, 392, 117-123.	3.5	117
10	Consensus Statement: First International Workshop on Anesthetics and Alzheimer's Disease. <i>Anesthesia and Analgesia</i> , 2009, 108, 1627-1630.	2.2	112
11	Perioperative Neurocognitive Disorder. <i>Anesthesiology</i> , 2020, 132, 55-68.	2.5	106
12	Dantrolene ameliorates cognitive decline and neuropathology in Alzheimer triple transgenic mice. <i>Neuroscience Letters</i> , 2012, 516, 274-279.	2.1	102
13	Anesthesia, Calcium Homeostasis and Alzheimers Disease. <i>Current Alzheimer Research</i> , 2009, 6, 30-35.	1.4	99
14	Effects of fetal exposure to isoflurane on postnatal memory and learning in rats. <i>Neuropharmacology</i> , 2007, 53, 942-950.	4.1	92
15	Isoflurane preconditioning inhibited isoflurane-induced neurotoxicity. <i>Neuroscience Letters</i> , 2007, 425, 59-62.	2.1	92
16	Neuronal Apoptosis Induced by Pharmacological Concentrations of 3-Hydroxykynurenine. <i>Journal of Neurochemistry</i> , 2001, 75, 81-90.	3.9	89
17	Dual Effects of Isoflurane on Proliferation, Differentiation, and Survival in Human Neuroprogenitor Cells. <i>Anesthesiology</i> , 2013, 118, 537-549.	2.5	88
18	Calcium Dysregulation in Alzheimer's Disease: A Target for New Drug Development. , 2017, 7, .		78

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19	The Cytoprotective Effects of Dantrolene. <i>Anesthesia and Analgesia</i> , 2010, 111, 1400-1410.	2.2	71
20	Anesthetic-Induced Neurodegeneration Mediated via Inositol 1,4,5-Trisphosphate Receptors. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2010, 333, 14-22.	2.5	66
21	Anesthesia-Induced Neurodegeneration in Fetal Rat Brains. <i>Pediatric Research</i> , 2009, 66, 435-440.	2.3	63
22	The Role of Calcium Dysregulation in Anesthetic-Mediated Neurotoxicity. <i>Anesthesia and Analgesia</i> , 2011, 113, 972-974.	2.2	59
23	Comparison of Neurodegeneration and Cognitive Impairment in Neonatal Mice Exposed to Propofol or Isoflurane. <i>PLoS ONE</i> , 2014, 9, e99171.	2.5	55
24	A Presenilin-1 Mutation Renders Neurons Vulnerable to Isoflurane Toxicity. <i>Anesthesia and Analgesia</i> , 2008, 106, 492-500.	2.2	54
25	Propofol Affects Neurodegeneration and Neurogenesis by Regulation of Autophagy via Effects on Intracellular Calcium Homeostasis. <i>Anesthesiology</i> , 2017, 127, 490-501.	2.5	41
26	Long-term Dantrolene Treatment Reduced Intraneuronal Amyloid in Aged Alzheimer Triple Transgenic Mice. <i>Alzheimer Disease and Associated Disorders</i> , 2015, 29, 184-191.	1.3	38
27	Dual effects of neuroprotection and neurotoxicity by general anesthetics: Role of intracellular calcium homeostasis. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2013, 47, 156-161.	4.8	37
28	Controversies in airway management of COVID-19 patients: updated information and international expert consensus recommendations. <i>British Journal of Anaesthesia</i> , 2021, 126, 361-366.	3.4	36
29	Dantrolene, A Treatment for Alzheimer Disease?. <i>Alzheimer Disease and Associated Disorders</i> , 2015, 29, 1-5.	1.3	33
30	Anesthetic neurotoxicity: Apoptosis and autophagic cell death mediated by calcium dysregulation. <i>Neurotoxicology and Teratology</i> , 2017, 60, 59-62.	2.4	32
31	Anesthetic Preconditioning Inhibits Isoflurane-Mediated Apoptosis in the Developing Rat Brain. <i>Anesthesia and Analgesia</i> , 2014, 119, 939-946.	2.2	29
32	General Anesthetic Isoflurane Modulates Inositol 1,4,5-Trisphosphate Receptor Calcium Channel Opening. <i>Anesthesiology</i> , 2014, 121, 528-537.	2.5	27
33	Oxygen therapy strategies and techniques to treat hypoxia in COVID-19 patients. <i>European Review for Medical and Pharmacological Sciences</i> , 2020, 24, 10239-10246.	0.7	25
34	General Anesthetics Regulate Autophagy via Modulating the Inositol 1,4,5-Trisphosphate Receptor: Implications for Dual Effects of Cytoprotection and Cytotoxicity. <i>Scientific Reports</i> , 2017, 7, 12378.	3.3	22
35	Alzheimer's Disease Presenilin-1 Mutation Sensitizes Neurons to Impaired Autophagy Flux and Propofol Neurotoxicity: Role of Calcium Dysregulation. <i>Journal of Alzheimer's Disease</i> , 2019, 67, 137-147.	2.6	22
36	A new tracheal tube and methods to facilitate ventilation and placement in emergency airway management. <i>Resuscitation</i> , 2006, 70, 438-444.	3.0	21

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37	The common inhaled anesthetic isoflurane increases aggregation of huntingtin and alters calcium homeostasis in a cell model of Huntington's disease. <i>Toxicology and Applied Pharmacology</i> , 2011, 250, 291-298.	2.8	21
38	Rat brain DNA transcript profile of halothane and isoflurane exposure. <i>Pharmacogenetics and Genomics</i> , 2006, 16, 171-182.	1.5	21
39	Supraglottic pulsatile jet oxygenation and ventilation during deep propofol sedation for upper gastrointestinal endoscopy in a morbidly obese patient. <i>Journal of Clinical Anesthesia</i> , 2014, 26, 157-159.	1.6	19
40	Dantrolene : From Malignant Hyperthermia to Alzheimer's Disease. <i>CNS and Neurological Disorders - Drug Targets</i> , 2020, 18, 668-676.	1.4	19
41	Supraglottic jet oxygenation and ventilation saved a patient with cannot intubate and cannot ventilate emergency difficult airway. <i>Journal of Anesthesia</i> , 2017, 31, 144-147.	1.7	18
42	Intranasal Dantrolene as a Disease-Modifying Drug in Alzheimer 5XFAD Mice. <i>Journal of Alzheimer's Disease</i> , 2020, 76, 1375-1389.	2.6	18
43	Intranasal administration of dantrolene increased brain concentration and duration. <i>PLoS ONE</i> , 2020, 15, e0229156.	2.5	18
44	Dantrolene Ameliorates Impaired Neurogenesis and Synaptogenesis in Induced Pluripotent Stem Cell Lines Derived from Patients with Alzheimer's Disease. <i>Anesthesiology</i> , 2020, 132, 1062-1079.	2.5	18
45	Supraglottic jet oxygenation and ventilation reduces desaturation during bronchoscopy under moderate to deep sedation with propofol and remifentanyl. <i>European Journal of Anaesthesiology</i> , 2021, 38, 294-301.	1.7	18
46	Supraglottic Jet Ventilation in Difficult Airway Management. <i>Journal of Emergency Medicine</i> , 2012, 43, 382-390.	0.7	15
47	Supraglottic jet oxygenation and ventilation for obese patients under intravenous anesthesia during hysteroscopy: a randomized controlled clinical trial. <i>BMC Anesthesiology</i> , 2019, 19, 151.	1.8	15
48	Sevoflurane modulates breast cancer cell survival via modulation of intracellular calcium homeostasis. <i>BMC Anesthesiology</i> , 2020, 20, 253.	1.8	14
49	Ryanodine Receptors: A Potential Treatment Target in Various Neurodegenerative Disease. <i>Cellular and Molecular Neurobiology</i> , 2021, 41, 1613-1624.	3.3	12
50	Supraglottic jet ventilation assists intubation in a Marfan's syndrome patient with a difficult airway. <i>Journal of Clinical Anesthesia</i> , 2011, 23, 407-409.	1.6	11
51	Effects of acute hypercapnia on cognitive function in patients undergoing bronchoscope intervention. <i>Journal of Thoracic Disease</i> , 2019, 11, 1065-1071.	1.4	11
52	Supraglottic jet oxygenation and ventilation assisted fiberoptic intubation in a paralyzed patient with morbid obesity and obstructive sleep apnea: a case report. <i>BMC Anesthesiology</i> , 2019, 19, 40.	1.8	10
53	Approaches to Optimizing Dantrolene Neuroprotection for the Treatment of Alzheimer's Disease. <i>Current Alzheimer Research</i> , 2020, 17, 324-328.	1.4	8
54	Isoflurane mediated neuropathological and cognitive impairments in the triple transgenic Alzheimer's mouse model are associated with hippocampal synaptic deficits in an age-dependent manner. <i>PLoS ONE</i> , 2019, 14, e0223509.	2.5	7

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55	Experimental study of high-frequency two-way jet ventilation. <i>Critical Care Medicine</i> , 1992, 20, 420-423.	0.9	6
56	Could dantrolene be explored as a repurposed drug to treat COVID-19 patients by restoring intracellular calcium homeostasis?. <i>European Review for Medical and Pharmacological Sciences</i> , 2020, 24, 10228-10238.	0.7	6
57	WEI nasal jet tube during monitored anaesthesia care for removal of oesophageal foreign body for a patient with fragile cardiopulmonary function. <i>Indian Journal of Anaesthesia</i> , 2019, 63, 403.	1.0	5
58	Dantrolene repurposed to treat sepsis or septic shock and COVID-19 patients. <i>European Review for Medical and Pharmacological Sciences</i> , 2021, 25, 3136-3144.	0.7	4
59	Propofol affects mouse embryonic fibroblast survival and proliferation in vitro via ATG5- and calcium-dependent regulation of autophagy. <i>Acta Pharmacologica Sinica</i> , 2020, 41, 303-310.	6.1	3
60	Sevoflurane But Not Propofol Provided Dual Effects of Cell Survival in Human Neuroblastoma SH-SY5Y Cells. <i>Current Alzheimer Research</i> , 2021, 17, 1311-1319.	1.4	3
61	New Approaches to Develop Drug Treatment for Alzheimer's Disease: Targeting Calcium Dysregulation. <i>Current Alzheimer Research</i> , 2020, 17, 311-312.	1.4	2
62	Potential mechanisms underlying lithium treatment for Alzheimer's disease and COVID-19.. <i>European Review for Medical and Pharmacological Sciences</i> , 2022, 26, 2201-2214.	0.7	2
63	Tracheal intubation in COVID-19 patients: update on recommendations. Response to Br J Anaesth 2020; 125: e28â€“37. <i>British Journal of Anaesthesia</i> , 2020, 125, e424-e426.	3.4	1
64	Effects of chronic intranasal dantrolene on nasal mucosa morphology in mice.. <i>European Review for Medical and Pharmacological Sciences</i> , 2022, 26, 198-203.	0.7	1
65	[P4â€“427]: EFFECT OF ISOFLURANE ON NEUROPATHOLOGY AND COGNITIVE IMPAIRMENT IN THE TRIPLE TRANSGENIC ALZHEIMER'S MOUSE MODEL. <i>Alzheimer's and Dementia</i> , 2017, 13, P1495.	0.8	0
66	[P4â€“428]: MECHANISMS OF GENERAL ANESTHETICS MEDIATED NEUROTOXICITY IN ALZHEIMER'S DISEASE: ROLE OF AUTOPHAGY DYSFUNCTION. <i>Alzheimer's and Dementia</i> , 2017, 13, P1495.	0.8	0
67	Lithium protects against lipopolysaccharide-induced cytotoxicity in SH-SY5Y cells expressing Alzheimer's presenilin 1 mutation by ameliorating calcium dysregulation. <i>Alzheimer's and Dementia</i> , 2020, 16, e046093.	0.8	0
68	Supraglottic jet oxygenation and ventilation (SJOV): A developing technique for difficult airway management. <i>Trends in Anaesthesia and Critical Care</i> , 2020, 30, e13-e14.	0.9	0
69	Supraglottic jet oxygenation and ventilation (SJOV) for resuscitation of injured soldiers and people in war field. <i>Military Medical Research</i> , 2022, 9, 17.	3.4	0
70	Title is missing!. , 2019, 14, e0223509.		0
71	Title is missing!. , 2019, 14, e0223509.		0
72	Title is missing!. , 2019, 14, e0223509.		0

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73	Title is missing!. , 2019, 14, e0223509.		0