

# Hailong Dong

## List of Publications by Year in descending order

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109  
papers

4,374  
citations

136950

32  
h-index

138484

58  
g-index

141  
all docs

141  
docs citations

141  
times ranked

5989  
citing authors

#	ARTICLE	IF	CITATIONS
1	A role of prefrontal cortico-hypothalamic projections in wake promotion. <i>Cerebral Cortex</i> , 2023, 33, 3026-3042.	2.9	3
2	Location matters: Overlooked ethnic-geographic effect in China and Austria on propofol/cisatracurium sex differences among a population pharmacokinetic/pharmacodynamic (PopPK/PD) covariate analysis in men, women, and one transgender subject. <i>Fundamental and Clinical Pharmacology</i> , 2022, 36, 182-198.	1.9	4
3	Neural Substrates for the Regulation of Sleep and General Anesthesia. <i>Current Neuropharmacology</i> , 2022, 20, 72-84.	2.9	18
4	Esketamine increases neurotransmitter releases but simplifies neurotransmitter networks in mouse prefrontal cortex. <i>Journal of Neurophysiology</i> , 2022, 127, 586-595.	1.8	3
5	Estrogen Receptor-A in Medial Preoptic Area Contributes to Sex Difference of Mice in Response to Sevoflurane Anesthesia. <i>Neuroscience Bulletin</i> , 2022, 38, 703-719.	2.9	4
6	A Clinical Practice Guideline for the Emergency Management of Anaphylaxis (2020). <i>Frontiers in Pharmacology</i> , 2022, 13, 845689.	3.5	7
7	Editorial: Behaviors and Neural Circuits in Sleep and Sedation. <i>Frontiers in Neuroscience</i> , 2022, 16, .	2.8	0
8	A specific circuit in the midbrain detects stress and induces restorative sleep. <i>Science</i> , 2022, 377, 63-72.	12.6	36
9	Dysfunction of ventral tegmental area GABA neurons causes mania-like behavior. <i>Molecular Psychiatry</i> , 2021, 26, 5213-5228.	7.9	31
10	Transient aphasia following general anesthesia in patient undergoing laparoscopic gynecologic surgery: A case report and literature review. <i>Clinical Case Reports (discontinued)</i> , 2021, 9, 634-637.	0.5	0
11	Selective optogenetic activation of orexinergic terminals in the basal forebrain and locus coeruleus promotes emergence from isoflurane anaesthesia in rats. <i>British Journal of Anaesthesia</i> , 2021, 126, 279-292.	3.4	27
12	Pregnancy and COVID-19: what anesthesiologists should know. <i>Minerva Anestesiologica</i> , 2021, 87, 77-84.	1.0	3
13	Optogenetic activation of spinal microglia triggers chronic pain in mice. <i>PLoS Biology</i> , 2021, 19, e3001154.	5.6	39
14	Cell-type-specific imaging of neurotransmission reveals a disrupted excitatory-inhibitory cortical network in isoflurane anaesthesia. <i>EBioMedicine</i> , 2021, 65, 103272.	6.1	21
15	Lateral Hypothalamic Area Glutamatergic Neurons and Their Projections to the Lateral Habenula Modulate the Anesthetic Potency of Isoflurane in Mice. <i>Neuroscience Bulletin</i> , 2021, 37, 934-946.	2.9	20
16	Dorsal raphe serotonergic neurons promote arousal from isoflurane anesthesia. <i>CNS Neuroscience and Therapeutics</i> , 2021, 27, 941-950.	3.9	21
17	An MD2-perturbing peptide has therapeutic effects in rodent and rhesus monkey models of stroke. <i>Science Translational Medicine</i> , 2021, 13, .	12.4	16
18	Sevoflurane preconditioning protects experimental ischemic stroke by enhancing anti-inflammatory microglia/macrophages phenotype polarization through GSK $\beta$ <sup>1</sup> /Nrf2 pathway. <i>CNS Neuroscience and Therapeutics</i> , 2021, 27, 1348-1365.	3.9	31

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19	Activation of Orexinergic Neurons Inhibits the Anesthetic Effect of Desflurane on Consciousness State via Paraventricular Thalamic Nucleus in Rats. <i>Anesthesia and Analgesia</i> , 2021, 133, 781-793.	2.2	11
20	MD2 contributes to the pathogenesis of perioperative neurocognitive disorder via the regulation of $\pm$ 5GABAA receptors in aged mice. <i>Journal of Neuroinflammation</i> , 2021, 18, 204.	7.2	15
21	Transcutaneous electrical acupoint stimulation before surgery reduces chronic pain after mastectomy: A randomized clinical trial. <i>Journal of Clinical Anesthesia</i> , 2021, 74, 110453.	1.6	24
22	Monitoring the Depth of Anesthesia Through the Use of Cerebral Hemodynamic Measurements Based on Sample Entropy Algorithm. <i>IEEE Transactions on Biomedical Engineering</i> , 2020, 67, 807-816.	4.2	19
23	Dynamic Variations in Brain Glycogen are Involved in Modulating Isoflurane Anesthesia in Mice. <i>Neuroscience Bulletin</i> , 2020, 36, 1513-1523.	2.9	8
24	Glycogenolysis Is Crucial for Astrocytic Glycogen Accumulation and Brain Damage after Reperfusion in Ischemic Stroke. <i>IScience</i> , 2020, 23, 101136.	4.1	30
25	Age progression from vicenarians (20â€“29Âyear) to nonagenarians (90â€“99Âyear) among a population pharmacokinetic/pharmacodynamic (PopPk-PD) covariate analysis of propofol-bispectral index (BIS) electroencephalography. <i>Journal of Pharmacokinetics and Pharmacodynamics</i> , 2020, 47, 145-161.	1.8	1
26	Role of anaesthesiologists during the COVID-19 outbreak in China. <i>British Journal of Anaesthesia</i> , 2020, 124, 666-669.	3.4	26
27	Dexmedetomidine Activation of Dopamine Neurons in the Ventral Tegmental Area Attenuates the Depth of Sedation in Mice. <i>Anesthesiology</i> , 2020, 133, 377-392.	2.5	30
28	Orexin activated emergence from isoflurane anaesthesia involves excitation of ventral tegmental area dopaminergic neurones in rats. <i>British Journal of Anaesthesia</i> , 2019, 123, 497-505.	3.4	42
29	Hyperhomocysteinemia is key for increased susceptibility to PND in aged mice. <i>Annals of Clinical and Translational Neurology</i> , 2019, 6, 1435-1444.	3.7	21
30	&lt;p&gt;Inhibition of chemokine CX3CL1 in spinal cord mediates the electroacupuncture-induced suppression of inflammatory pain&lt;/p&gt;. <i>Journal of Pain Research</i> , 2019, Volume 12, 2663-2672.	2.0	15
31	Neuronal network activity controls microglial process surveillance in awake mice via norepinephrine signaling. <i>Nature Neuroscience</i> , 2019, 22, 1771-1781.	14.8	237
32	Surgery Under General Anesthesia Alleviated the Hyperactivity but Had No Effect on the Susceptibility to PND in ADHD Rats. <i>Frontiers in Psychiatry</i> , 2019, 10, 642.	2.6	3
33	Effect of physical exercise on young anesthesiologists with on-call-related fatigue. <i>Psychology, Health and Medicine</i> , 2019, 24, 1055-1062.	2.4	3
34	Spinal Cord Glycine Transporter 2 Mediates Bilateral ST35 Acupoints Sensitization in Rats with Knee Osteoarthritis. <i>Evidence-based Complementary and Alternative Medicine</i> , 2019, 2019, 1-17.	1.2	7
35	Acupoint Sensitization is Associated with Increased Excitability and Hyperpolarization-Activated Current (I <sub>h</sub> ) in C- But Not A $\Gamma$ -Type Neurons. <i>Neuroscience</i> , 2019, 404, 499-509.	2.3	18
36	Serotonergic neurons in the dorsal raphe nucleus mediate the arousal-promoting effect of orexin during isoflurane anesthesia in male rats. <i>Neuropeptides</i> , 2019, 75, 25-33.	2.2	28

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37	Comparative Evaluation of a New Depth of Anesthesia Index in ConView® System and the Bispectral Index during Total Intravenous Anesthesia: A Multicenter Clinical Trial. <i>BioMed Research International</i> , 2019, 2019, 1-7.	1.9	10
38	Optogenetic/Chemogenetic Activation of GABAergic Neurons in the Ventral Tegmental Area Facilitates General Anesthesia via Projections to the Lateral Hypothalamus in Mice. <i>Frontiers in Neural Circuits</i> , 2019, 13, 73.	2.8	35
39	GABA and glutamate neurons in the VTA regulate sleep and wakefulness. <i>Nature Neuroscience</i> , 2019, 22, 106-119.	14.8	188
40	TREK-2 Mediates the Neuroprotective Effect of Isoflurane Preconditioning Against Acute Cerebral Ischemia in the Rat. <i>Rejuvenation Research</i> , 2019, 22, 325-334.	1.8	11
41	Neuroprotective Autophagic Flux Induced by Hyperbaric Oxygen Preconditioning is Mediated by Cystatin C. <i>Neuroscience Bulletin</i> , 2019, 35, 336-346.	2.9	13
42	Long-term depression induced by endogenous cannabinoids produces neuroprotection via astroglial CB <sub>1</sub> R after stroke in rodents. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019, 39, 1122-1137.	4.3	18
43	Nitric Oxide Decreases Acute Kidney Injury and Stage 3 Chronic Kidney Disease after Cardiac Surgery. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 198, 1279-1287.	5.6	99
44	Orexin-1 receptor is involved in ageing-related delayed emergence from general anaesthesia in rats. <i>British Journal of Anaesthesia</i> , 2018, 121, 1097-1104.	3.4	7
45	Tanshinone IIA Elicits Neuroprotective Effect Through Activating the Nuclear Factor Erythroid 2-Related Factor-Dependent Antioxidant Response. <i>Rejuvenation Research</i> , 2017, 20, 286-297.	1.8	43
46	Kelch-like ECH-associated Protein 1-dependent Nuclear Factor-E2-related Factor 2 Activation in Relation to Antioxidation Induced by Sevoflurane Preconditioning. <i>Anesthesiology</i> , 2017, 126, 507-521.	2.5	19
47	Cystatin C Is a Crucial Endogenous Protective Determinant Against Stroke. <i>Stroke</i> , 2017, 48, 436-444.	2.0	27
48	Endocannabinoid signaling in hypothalamic circuits regulates arousal from general anesthesia in mice. <i>Journal of Clinical Investigation</i> , 2017, 127, 2295-2309.	8.2	39
49	Deficiency of tumor suppressor NDRG2 leads to attention deficit and hyperactive behavior. <i>Journal of Clinical Investigation</i> , 2017, 127, 4270-4284.	8.2	36
50	Spinal Microgliosis Due to Resident Microglial Proliferation Is Required for Pain Hypersensitivity after Peripheral Nerve Injury. <i>Cell Reports</i> , 2016, 16, 605-614.	6.4	187
51	Estrogen replacement therapy-induced neuroprotection against brain ischemia-reperfusion injury involves the activation of astrocytes via estrogen receptor $\beta$ . <i>Scientific Reports</i> , 2016, 6, 21467.	3.3	39
52	Elevated Expression of Carboxy-Terminal Modulator Protein (CTMP) Aggravates Brain Ischemic Injury in Diabetic db/db Mice. <i>Neurochemical Research</i> , 2016, 41, 2179-2189.	3.3	3
53	Major complications of regional anesthesia in 11 teaching hospitals of China: a prospective survey of 106,569 cases. <i>Journal of Clinical Anesthesia</i> , 2016, 31, 154-161.	1.6	11
54	GAPDH/Siah1 cascade is involved in traumatic spinal cord injury and could be attenuated by sivelestat sodium. <i>Neuroscience</i> , 2016, 330, 171-180.	2.3	10

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55	Orexin-A facilitates emergence of the rat from isoflurane anesthesia via mediation of the basal forebrain. <i>Neuropeptides</i> , 2016, 58, 7-14.	2.2	31
56	Neurotensinergic Excitation of Dentate Gyrus Granule Cells via G <sub>q</sub> -Coupled Inhibition of TASK-3 Channels. <i>Cerebral Cortex</i> , 2016, 26, 977-990.	2.9	9
57	Microglial P2Y <sub>12</sub> receptors regulate microglial activation and surveillance during neuropathic pain. <i>Brain, Behavior, and Immunity</i> , 2016, 55, 82-92.	4.1	104
58	Modulation of Microglial Process Convergence Toward Neuronal Dendrites by Extracellular Calcium. <i>Journal of Neuroscience</i> , 2015, 35, 2417-2422.	3.6	113
59	DDR1 may play a key role in destruction of the blood-brain barrier after cerebral ischemia reperfusion. <i>Neuroscience Research</i> , 2015, 96, 14-19.	1.9	24
60	The Role of SUMO-Conjugating Enzyme Ubc9 in the Neuroprotection of Isoflurane Preconditioning Against Ischemic Neuronal Injury. <i>Molecular Neurobiology</i> , 2015, 51, 1221-1231.	4.0	16
61	Neurotensinergic augmentation of glutamate release at the perforant path-granule cell synapse in rat dentate gyrus: Roles of L-Type Ca <sup>2+</sup> channels, calmodulin and myosin light-chain kinase. <i>Neuropharmacology</i> , 2015, 95, 252-260.	4.1	15
62	Depression of neuronal excitability and epileptic activities by group II metabotropic glutamate receptors in the medial entorhinal cortex. <i>Hippocampus</i> , 2015, 25, 1299-1313.	1.9	13
63	Calorie restriction attenuates cerebral ischemic injury via increasing SIRT1 synthesis in the rat. <i>Brain Research</i> , 2015, 1610, 61-68.	2.2	53
64	Reduction of Orexin-A is Responsible for Prolonged Emergence of the Rat Subjected to Sleep Deprivation from Isoflurane Anesthesia. <i>CNS Neuroscience and Therapeutics</i> , 2015, 21, 298-300.	3.9	8
65	Genistein Attenuates Brain Damage induced by Transient Cerebral Ischemia Through Up-regulation of ERK Activity in Ovariectomized Mice. <i>International Journal of Biological Sciences</i> , 2014, 10, 457-465.	6.4	41
66	Protective Effect of Glycyrrhizin, a Direct HMGB1 Inhibitor, on Focal Cerebral Ischemia/Reperfusion-Induced Inflammation, Oxidative Stress, and Apoptosis in Rats. <i>PLoS ONE</i> , 2014, 9, e89450.	2.5	140
67	Tetramethylpyrazine Suppresses Transient Oxygen-Glucose Deprivation-Induced Connexin32 Expression and Cell Apoptosis via the ERK1/2 and p38 MAPK Pathway in Cultured Hippocampal Neurons. <i>PLoS ONE</i> , 2014, 9, e105944.	2.5	34
68	A Critical Role for Interferon Regulatory Factor 9 in Cerebral Ischemic Stroke. <i>Journal of Neuroscience</i> , 2014, 34, 11897-11912.	3.6	57
69	Neuronostatin Attenuates Myocardial Contractile Function through Inhibition of Sarcoplasmic Reticulum Ca <sup>2+</sup> -ATPase in Murine Heart. <i>Cellular Physiology and Biochemistry</i> , 2014, 33, 1921-1932.	1.6	6
70	Bombesin facilitates GABAergic transmission and depresses epileptiform activity in the entorhinal cortex. <i>Hippocampus</i> , 2014, 24, 21-31.	1.9	15
71	Activation of K <sub>2</sub> P channel-TREK1 mediates the neuroprotection induced by sevoflurane preconditioning. <i>British Journal of Anaesthesia</i> , 2014, 113, 157-167.	3.4	36
72	The Neuroprotective Effects of Isoflurane Preconditioning in a Murine Transient Global Cerebral Ischemia-Reperfusion Model: The Role of the Notch Signaling Pathway. <i>NeuroMolecular Medicine</i> , 2014, 16, 191-204.	3.4	31

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73	Neuroprotective gases â€“ Fantasy or reality for clinical use?. <i>Progress in Neurobiology</i> , 2014, 115, 210-245.	5.7	104
74	Tumour necrosis factorâ€“ $\alpha$ inhibition with lenalidomide alleviates tissue oxidative injury and apoptosis in <i>ob/ob</i> obese mice. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2014, 41, 489-501.	1.9	12
75	Recombinant human thioredoxin-1 promotes neurogenesis and facilitates cognitive recovery following cerebral ischemia in mice. <i>Neuropharmacology</i> , 2014, 77, 453-464.	4.1	45
76	Nicotine-Induced Neuroprotection Against Ischemic Injury Involves Activation of Endocannabinoid System in Rats. <i>Neurochemical Research</i> , 2013, 38, 364-370.	3.3	19
77	Hemopexin induces neuroprotection in the rat subjected to focal cerebral ischemia. <i>BMC Neuroscience</i> , 2013, 14, 58.	1.9	30
78	Ischemic postconditioning protects the spinal cord from ischemiaâ€“reperfusion injury via modulation of redox signaling. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2013, 146, 688-695.	0.8	21
79	Integrated wall stress: a new methodological approach to assess ventricular workload and myocardial contractile reserve. <i>Journal of Translational Medicine</i> , 2013, 11, 183.	4.4	9
80	Effects of Sevoflurane on Self-Renewal Capacity and Differentiation of Cultured Neural Stem Cells. <i>Neurochemical Research</i> , 2013, 38, 1758-1767.	3.3	51
81	Cardioprotective effect of remote ischemic postconditioning on children undergoing cardiac surgery: a randomized controlled trial. <i>Paediatric Anaesthesia</i> , 2013, 23, 726-733.	1.1	30
82	Electroacupuncture improves orthostatic tolerance in healthy individuals via improving cardiac function and activating the sympathetic system. <i>Europace</i> , 2013, 15, 127-134.	1.7	16
83	Inhibition of Notch Signaling Protects Mouse Lung Against Zymosan-Induced Injury. <i>Shock</i> , 2013, 40, 312-319.	2.1	12
84	Sirt1 Mediates Hyperbaric Oxygen Preconditioning-Induced Ischemic Tolerance in Rat Brain. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2013, 33, 396-406.	4.3	99
85	Different Propofolâ€“Remifentanil or Sevofluraneâ€“Remifentanil Bispectral Index Levels for Electrocorticographic Spike Identification during Epilepsy Surgery. <i>Anesthesiology</i> , 2013, 119, 582-592.	2.5	12
86	Adenosinergic Depression of Glutamatergic Transmission in the Entorhinal Cortex of Juvenile Rats via Reduction of Glutamate Release Probability and the Number of Releasable Vesicles. <i>PLoS ONE</i> , 2013, 8, e62185.	2.5	19
87	A feed-forward spinal cord glycinergic neural circuit gates mechanical allodynia. <i>Journal of Clinical Investigation</i> , 2013, 123, 4050-4062.	8.2	230
88	EMMPRIN Is an Independent Negative Prognostic Factor for Patients with Astrocytic Glioma. <i>PLoS ONE</i> , 2013, 8, e58069.	2.5	25
89	Regulatory T Cells Are Protective in Systemic Inflammation Response Syndrome Induced by Zymosan in Mice. <i>PLoS ONE</i> , 2013, 8, e64397.	2.5	10
90	Activation of Canonical Notch Signaling Pathway Is Involved in the Ischemic Tolerance Induced by Sevoflurane Preconditioning in Mice. <i>Anesthesiology</i> , 2012, 117, 996-1005.	2.5	52

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91	Activation of Cholinergic Anti-Inflammatory Pathway Contributes to the Protective Effects of 100% Oxygen Inhalation on Zymosan-Induced Generalized Inflammation in Mice. <i>Journal of Surgical Research</i> , 2012, 174, e75-e83.	1.6	8
92	TREK1 activation mediates spinal cord ischemic tolerance induced by isoflurane preconditioning in rats. <i>Neuroscience Letters</i> , 2012, 515, 115-120.	2.1	13
93	Neuroprotective effect of calycosin on cerebral ischemia and reperfusion injury in rats. <i>Journal of Ethnopharmacology</i> , 2012, 144, 768-774.	4.1	104
94	Protective Effect of Delayed Remote Limb Ischemic Postconditioning: Role of Mitochondrial K <sub>ATP</sub> Channels in a Rat Model of Focal Cerebral Ischemic Reperfusion Injury. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2012, 32, 851-859.	4.3	74
95	Inhibition of mitochondrial permeability transition pore opening contributes to the neuroprotective effects of ischemic postconditioning in rats. <i>Brain Research</i> , 2012, 1436, 101-110.	2.2	31
96	Hyperbaric oxygen preconditioning protects cortical neurons against oxygen-glucose deprivation injury: Role of peroxisome proliferator-activated receptor-gamma. <i>Brain Research</i> , 2012, 1452, 140-150.	2.2	43
97	Noninvasive limb remote ischemic preconditioning contributes neuroprotective effects via activation of adenosine A1 receptor and redox status after transient focal cerebral ischemia in rats. <i>Brain Research</i> , 2012, 1459, 81-90.	2.2	120
98	Langerhans cell histiocytosis presenting as a multi-system disorder in an infant. <i>International Journal of Dermatology</i> , 2012, 51, 709-712.	1.0	1
99	Intracerebroventricular injection of human prostatic acid phosphatase has potent neuroprotective effects against transient focal cerebral ischemia in rats. <i>Neuroscience Letters</i> , 2011, 504, 321-324.	2.1	3
100	Preconditioning With Repeated Hyperbaric Oxygen Induces Myocardial and Cerebral Protection in Patients Undergoing Coronary Artery Bypass Graft Surgery: A Prospective, Randomized, Controlled Clinical Trial. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2011, 25, 908-916.	1.3	44
101	Î2-Adrenergic Receptor Antagonist Butoxamine Partly Abolishes the Protection of 100% Oxygen Treatment Against Zymosan-Induced Generalized Inflammation in Mice. <i>Shock</i> , 2011, 36, 272-278.	2.1	4
102	Sevoflurane Preconditioning Induces Neuroprotection Through Reactive Oxygen Species-Mediated Up-Regulation of Antioxidant Enzymes in Rats. <i>Anesthesia and Analgesia</i> , 2011, 112, 931-937.	2.2	84
103	Reactive Oxygen Species Scavenger Inhibits STAT3 Activation After Transient Focal Cerebral Ischemiaâ€“Reperfusion Injury in Rats. <i>Anesthesia and Analgesia</i> , 2011, 113, 153-159.	2.2	47
104	Beneficial effects of hydrogen gas against spinal cord ischemiaâ€“reperfusion injury in rabbits. <i>Brain Research</i> , 2011, 1378, 125-136.	2.2	79
105	Autophagy activation is involved in neuroprotection induced by hyperbaric oxygen preconditioning against focal cerebral ischemia in rats. <i>Brain Research</i> , 2011, 1402, 109-121.	2.2	113
106	Activation of orexin signal in basal forebrain facilitates the emergence from sevoflurane anesthesia in rat. <i>Neuropeptides</i> , 2009, 43, 179-185.	2.2	44
107	Cannabinoid 1 receptor mediation of spinal cord ischemic tolerance induced by limb remote ischemia preconditioning in rats. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2009, 138, 1409-1416.	0.8	25
108	Preconditioning with Hyperbaric Oxygen and Hyperoxia Induces Tolerance against Spinal Cord Ischemia in Rabbits. <i>Anesthesiology</i> , 2002, 96, 907-912.	2.5	122

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109	Tetramethylpyrazine attenuates spinal cord ischemic injury due to aortic cross-clamping in rabbits. BMC Neurology, 2002, 2, 1.	1.8	25