

Kazuyoshi Hirota

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/926403/publications.pdf>

Version: 2024-02-01

210
papers

3,690
citations

147566

31
h-index

205818

48
g-index

213
all docs

213
docs citations

213
times ranked

3028
citing authors

#	ARTICLE	IF	CITATIONS
1	Ketamine: its mechanism(s) of action and unusual clinical uses. <i>British Journal of Anaesthesia</i> , 1996, 77, 441-444.	1.5	313
2	The Relationship Between Salivary Biomarkers and State-Trait Anxiety Inventory Score Under Mental Arithmetic Stress: A Pilot Study.. <i>Anesthesia and Analgesia</i> , 2005, 101, 1873-1876.	1.1	172
3	Ketamine: new uses for an old drug?. <i>British Journal of Anaesthesia</i> , 2011, 107, 123-126.	1.5	118
4	Stereoselective Interaction of Ketamine with Recombinant [micro sign], [small kappa, Greek], and [small delta, Greek] Opioid Receptors Expressed in Chinese Hamster Ovary Cells. <i>Anesthesiology</i> , 1999, 90, 174-182.	1.3	112
5	Orexinergic neurons and barbiturate anesthesia. <i>Neuroscience</i> , 2003, 121, 855-863.	1.1	85
6	Effects of ketamine and pentobarbital on noradrenaline release from the medial prefrontal cortex in rats. <i>Canadian Journal of Anaesthesia</i> , 1999, 46, 388-392.	0.7	53
7	Special cases: Ketamine, nitrous oxide and xenon. <i>Bailliere's Best Practice and Research in Clinical Anaesthesiology</i> , 2006, 20, 69-79.	1.7	52
8	The effects of nitrous oxide and ketamine on the bispectral index and 95% spectral edge frequency during propofol-fentanyl anaesthesia. <i>European Journal of Anaesthesiology</i> , 1999, 16, 779.	0.7	51
9	Effects of sedatives on noradrenaline release from the medial prefrontal cortex in rats. <i>Psychopharmacology</i> , 1999, 146, 335-338.	1.5	50
10	The Relationship Between Pneumatic Tourniquet Time and the Amount of Pulmonary Emboli in Patients Undergoing Knee Arthroscopic Surgeries. <i>Anesthesia and Analgesia</i> , 2001, 93, 776-780.	1.1	49
11	Effects of central hypocretin-1 administration on hemodynamic responses in young-adult and middle-aged rats. <i>Brain Research</i> , 2003, 981, 143-150.	1.1	49
12	Orexin A and B evoke noradrenaline release from rat cerebrocortical slices. <i>British Journal of Pharmacology</i> , 2001, 134, 1461-1466.	2.7	47
13	Orexin A Decreases Ketamine-Induced Anesthesia Time in the Rat: The Relevance to Brain Noradrenergic Neuronal Activity. <i>Anesthesia and Analgesia</i> , 2009, 108, 491-495.	1.1	44
14	Role of coerulean noradrenergic neurones in general anaesthesia in rats. <i>British Journal of Anaesthesia</i> , 2011, 107, 924-929.	1.5	43
15	The effects of nitrous oxide and ketamine on the bispectral index and 95% spectral edge frequency during propofol-fentanyl anaesthesia. <i>European Journal of Anaesthesiology</i> , 1999, 16, 779-783.	0.7	43
16	The effects of recombinant rat μ -opioid receptor activation in CHO cells on phospholipase C, [Ca ²⁺] _i and adenylyl cyclase. <i>British Journal of Pharmacology</i> , 1997, 120, 1165-1171.	2.7	42
17	Interaction between orexinergic neurons and NMDA receptors in the control of locus coeruleus-cerebrocortical noradrenergic activity of the rat. <i>Brain Research</i> , 2009, 1250, 81-87.	1.1	42
18	Correlation Between Salivary α -Amylase Activity and Pain Scale in Patients With Chronic Pain. <i>Regional Anesthesia and Pain Medicine</i> , 2007, 32, 120-123.	1.1	41

#	ARTICLE	IF	CITATIONS
19	Interaction of Intravenous Anesthetics with Recombinant Human M1-M3 Muscarinic Receptors Expressed in Chinese Hamster Ovary Cells. <i>Anesthesia and Analgesia</i> , 2002, 95, 1607-1610.	1.1	40
20	Obturator Nerve Block Using Ultrasound Guidance. <i>Anesthesia and Analgesia</i> , 2007, 105, 888-889.	1.1	40
21	Back massage therapy promotes psychological relaxation and an increase in salivary chromogranin A release. <i>Journal of Anesthesia</i> , 2010, 24, 955-958.	0.7	36
22	Isoflurane increases norepinephrine release in the rat preoptic area and the posterior hypothalamus in vivo and in vitro: Relevance to thermoregulation during anesthesia. <i>Neuroscience</i> , 2005, 131, 79-86.	1.1	35
23	I.v. anaesthetic agents inhibit dihydropyridine binding to L-type voltage-sensitive Ca ²⁺ channels in rat cerebrocortical membranes. <i>British Journal of Anaesthesia</i> , 1996, 77, 248-253.	1.5	34
24	Motor and Sensory Disability Has a Strong Relationship to Induction Dose of Thiopental in Patients with the Hypertropic Variety of Charcot-Marie-Tooth Syndrome. <i>Anesthesia and Analgesia</i> , 1996, 82, 182-186.	1.1	34
25	Alpha-2 Adrenoceptor Activity Affects Propofol-Induced Sleep Time. <i>Anesthesia and Analgesia</i> , 2002, 94, 1201-1206.	1.1	34
26	Correlation Between Salivary $\hat{\alpha}$ -Amylase Activity and Pain Scale in Patients With Chronic Pain. <i>Regional Anesthesia and Pain Medicine</i> , 2007, 32, 120-123.	1.1	34
27	Effects of halothane on membrane ionic currents in guinea pig atrial and ventricular myocytes. <i>Acta Anaesthesiologica Scandinavica</i> , 1989, 33, 239-244.	0.7	33
28	The Role of the N-Methyl-D-Aspartic Acid Receptor in the Relaxant Effect of Ketamine on Tracheal Smooth Muscle. <i>Anesthesia and Analgesia</i> , 1998, 87, 1383-1388.	1.1	33
29	Effects of nociceptin/orphanin FQ receptor ligands on blood pressure, heart rate, and plasma catecholamine concentrations in guinea pigs. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2003, 367, 342-347.	1.4	33
30	Plasma Ropivacaine Concentrations After Ultrasound-Guided Rectus Sheath Block in Patients Undergoing Lower Abdominal Surgery. <i>Anesthesia and Analgesia</i> , 2012, 114, 230-232.	1.1	33
31	Relaxant effect of magnesium and zinc on histamine-induced bronchoconstriction in dogs. <i>Critical Care Medicine</i> , 1999, 27, 1159-1163.	0.4	33
32	The Effects of Neuropeptide S on General Anesthesia in Rats. <i>Anesthesia and Analgesia</i> , 2011, 112, 845-849.	1.1	31
33	Lidocaine added to a tracheostomy tube cuff reduces tube discomfort. <i>Canadian Journal of Anaesthesia</i> , 2000, 47, 412-414.	0.7	30
34	Quantification and Comparison of Pulmonary Emboli Formation After Pneumatic Tourniquet Release in Patients Undergoing Reconstruction of Anterior Cruciate Ligament and Total Knee Arthroplasty. <i>Anesthesia and Analgesia</i> , 2002, 94, 1633-1638.	1.1	30
35	In vivo direct measurement of the bronchodilating effect of sevoflurane using a superfine fiberoptic bronchoscope: Comparison with enflurane and halothane. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 1996, 10, 213-216.	0.6	29
36	Voltage-sensitive Ca ²⁺ channels and anaesthesia. <i>British Journal of Anaesthesia</i> , 1996, 76, 344-346.	1.5	29

#	ARTICLE	IF	CITATIONS
37	A marked decrease in bispectral index with elevation of suppression ratio by cervical haematoma reducing cerebral perfusion pressure. <i>Journal of Clinical Neuroscience</i> , 2003, 10, 694-696.	0.8	29
38	Effects of three different L-type Ca ²⁺ entry blockers on airway constriction induced by muscarinic receptor stimulation. <i>British Journal of Anaesthesia</i> , 2003, 90, 671-675.	1.5	29
39	Relaxant effect of ketamine and its isomers on histamine-induced contraction of tracheal smooth muscle. <i>British Journal of Anaesthesia</i> , 1996, 76, 266-270.	1.5	28
40	The Effects of Local and Intravenous Anesthetics on Recombinant Rat VR1 Vanilloid Receptors. <i>Anesthesia and Analgesia</i> , 2003, 96, 1656-1660.	1.1	28
41	Inhibitory effects of intravenous anaesthetic agents on K ⁺ -evoked glutamate release from rat cerebocortical slices. Involvement of voltage-sensitive Ca ²⁺ channels and GABA A receptors. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2002, 366, 246-253.	1.4	27
42	Quantification and Comparison of Pulmonary Emboli Formation After Pneumatic Tourniquet Release in Patients Undergoing Reconstruction of Anterior Cruciate Ligament and Total Knee Arthroplasty. <i>Anesthesia and Analgesia</i> , 2002, 94, 1633-1638.	1.1	26
43	Significance of preoperative butyrylcholinesterase as an independent predictor of survival in patients with muscle-invasive bladder cancer treated with radical cystectomy. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2014, 32, 820-825.	0.8	26
44	A comparative study of L-type voltage sensitive Ca ²⁺ channels in rat brain regions and cultured neuronal cells. <i>Neuroscience Letters</i> , 1997, 223, 169-172.	1.0	25
45	The Role of the N-Methyl-D-Aspartic Acid Receptor in the Relaxant Effect of Ketamine on Tracheal Smooth Muscle. <i>Anesthesia and Analgesia</i> , 1998, 87, 1383-1388.	1.1	25
46	Estimation of the initial distribution volume of glucose by an incremental plasma glucose level at 3â€¦min after i.v. glucose in humans. <i>British Journal of Clinical Pharmacology</i> , 1999, 47, 361-364.	1.1	25
47	Physostigmine antagonizes ketamine-induced noradrenaline release from the medial prefrontal cortex in rats. <i>Brain Research</i> , 1999, 840, 175-178.	1.1	25
48	Antinociceptive effects of neurotrophin in a rat model of central neuropathic pain: DSP-4 induced noradrenergic lesion. <i>Neuroscience Letters</i> , 2011, 503, 20-22.	1.0	25
49	Ketamine and propofol have opposite effects on postanesthetic sleep architecture in rats: relevance to the endogenous sleepâ€¦wakefulness substances orexin and melanin-concentrating hormone. <i>Journal of Anesthesia</i> , 2016, 30, 437-443.	0.7	25
50	The Relaxant Effect of Propofol on Guinea Pig Tracheal Muscle Is Independent of Airway Epithelial Function and beta-Adrenoceptor Activity. <i>Anesthesia and Analgesia</i> , 1999, 89, 191-196.	1.1	23
51	Do local anaesthetics interact with dihydropyridine binding sites on neuronal L-type Ca ²⁺ channels?. <i>British Journal of Anaesthesia</i> , 1997, 78, 185-188.	1.5	22
52	The Relaxant Effect of Ketamine on Guinea Pig Airway Smooth Muscle Is Epithelium-Independent. <i>Anesthesia and Analgesia</i> , 1997, 84, 641-647.	1.1	22
53	Air contamination with SARS-CoV-2 in the operating room. <i>Journal of Anesthesia</i> , 2021, 35, 333-336.	0.7	22
54	Measurement of bronchodilatation using a superfine fiberoptic bronchoscope. <i>British Journal of Anaesthesia</i> , 1997, 78, 583-585.	1.5	21

#	ARTICLE	IF	CITATIONS
55	Editorial I. British Journal of Anaesthesia, 2001, 87, 811-813.	1.5	21
56	Involvement of the orexin system in sympathetic nerve regulation. Biochemical and Biophysical Research Communications, 2015, 460, 1076-1081.	1.0	21
57	Topical ketamine inhibits albumin extravasation in chemical peritonitis in rats. Acta Anaesthesiologica Scandinavica, 1995, 39, 174-178.	0.7	20
58	Measurement of $[Ca^{2+}]_i$ in Whole Cell Suspensions Using Fura-2. , 2005, 312, 037-046.		19
59	Relaxant effect of propofol on the airway in dogs. British Journal of Anaesthesia, 1999, 83, 292-295.	1.5	18
60	Interaction of local anaesthetics with recombinant μ , δ , and κ -opioid receptors expressed in Chinese hamster ovary cells. British Journal of Anaesthesia, 2000, 85, 740-746.	1.5	18
61	Anaphylactoid shock in a patient following 5% human serum albumin infusion during off-pump coronary artery bypass grafting. Journal of Anesthesia, 2007, 21, 396-398.	0.7	18
62	Significance of preoperative butyrylcholinesterase as an independent predictor of biochemical recurrence-free survival in patients with prostate cancer treated with radical prostatectomy. International Journal of Clinical Oncology, 2016, 21, 379-383.	1.0	18
63	Relation between bispectral index and plasma catecholamines after oral diazepam premedication. European Journal of Anaesthesiology, 1999, 16, 516-518.	0.7	18
64	Ketamine; history and role in anesthetic pharmacology. Neuropharmacology, 2022, 216, 109171.	2.0	18
65	Ketamine inhibits contractile responses of intestinal smooth muscle by decreasing the influx of calcium through the L -type calcium channel. Acta Anaesthesiologica Scandinavica, 1995, 39, 759-764.	0.7	17
66	Interaction of ketamine with μ opioid receptors in SH-SY5Y human neuroblastoma cells. Journal of Anesthesia, 1999, 13, 107-109.	0.7	17
67	Spasmolytic effect of magnesium sulfate on serotonin-induced pulmonary hypertension and bronchoconstriction in dogs. Acta Anaesthesiologica Scandinavica, 2001, 45, 435-440.	0.7	17
68	Leg massage therapy promotes psychological relaxation and reinforces the first-line host defense in cancer patients. Journal of Anesthesia, 2010, 24, 827-831.	0.7	17
69	Endogenous neuropeptide S tone influences sleep-wake rhythm in rats. Neuroscience Letters, 2014, 581, 94-97.	1.0	17
70	Changes in presepsin concentrations in surgical patients with end-stage kidney disease undergoing living kidney transplantation: a pilot study. Journal of Anesthesia, 2016, 30, 174-177.	0.7	17
71	Effects of thiopental on airway calibre in dogs: direct visualization method using a superfine fiberoptic bronchoscope. British Journal of Anaesthesia, 1998, 81, 203-207.	1.5	16
72	A Comparison of the Spasmolytic Effects of Olprinone and Aminophylline on Serotonin-Induced Pulmonary Hypertension and Bronchoconstriction With or Without β -Blockade in Dogs. Anesthesia and Analgesia, 2000, 91, 1345-1350.	1.1	16

#	ARTICLE	IF	CITATIONS
73	Barbiturates inhibit K ⁺ -evoked noradrenaline and dopamine release from rat striatal slices – involvement of voltage sensitive Ca ²⁺ channels. <i>Neuroscience Letters</i> , 2000, 291, 175-178.	1.0	16
74	Xenon inhalation increases norepinephrine release from the anterior and posterior hypothalamus in rats. <i>Canadian Journal of Anaesthesia</i> , 2001, 48, 651-655.	0.7	16
75	Changes in plasma orexin A during propofol-fentanyl anaesthesia in patients undergoing eye surgery. <i>British Journal of Anaesthesia</i> , 2010, 104, 723-727.	1.5	16
76	The accuracy of non-invasively continuous total hemoglobin measurement by pulse CO-Oximetry undergoing acute normovolemic hemodilution and reinfusion of autologous blood. <i>Journal of Anesthesia</i> , 2015, 29, 29-34.	0.7	16
77	Higher neutrophil-to-lymphocyte ratio, mean platelet volume, and platelet distribution width are associated with postoperative delirium in patients undergoing esophagectomy: a retrospective observational study. <i>Journal of Anesthesia</i> , 2022, 36, 58-67.	0.7	16
78	Effects of halothane on membrane potentials and membrane ionic currents in single bullfrog atrial cells. <i>Acta Anaesthesiologica Scandinavica</i> , 1988, 32, 333-338.	0.7	15
79	In vivo assessment of droperidol-induced bronchial relaxation in dogs using a superfine fiberoptic bronchoscope. <i>British Journal of Anaesthesia</i> , 1997, 78, 579-582.	1.5	15
80	Inhibitory effect of clonidine on ketamine-induced norepinephrine release from the medial prefrontal cortex in rats. <i>British Journal of Anaesthesia</i> , 1999, 83, 945-947.	1.5	15
81	I.v. lidocaine worsens histamine-induced bronchoconstriction in dogs. <i>British Journal of Anaesthesia</i> , 1999, 82, 87-89.	1.5	15
82	Relation between bispectral index and plasma catecholamines after oral diazepam premedication. <i>European Journal of Anaesthesiology</i> , 1999, 16, 516.	0.7	15
83	Milrinone Attenuates Serotonin-Induced Pulmonary Hypertension and Bronchoconstriction in Dogs. <i>Anesthesia and Analgesia</i> , 2000, 90, 790-794.	1.1	15
84	A Comparison of the Relaxant Effects of Olprinone and Aminophylline on Methacholine-Induced Bronchoconstriction in Dogs. <i>Anesthesia and Analgesia</i> , 2001, 93, 230-233.	1.1	15
85	Effects of propofol on bronchoconstriction and bradycardia induced by vagal nerve stimulation. <i>Acta Anaesthesiologica Scandinavica</i> , 2003, 47, 1059-1063.	0.7	15
86	Continuous haemodiafiltration during and after cardiopulmonary bypass in renal failure patients. <i>Canadian Journal of Anaesthesia</i> , 1997, 44, 1182-1186.	0.7	14
87	Is total body weight an appropriate predictor for propofol maintenance dose?. <i>Acta Anaesthesiologica Scandinavica</i> , 1999, 43, 842-844.	0.7	14
88	Inhibitory effects of intravenous anaesthetic agents on K ⁺ -evoked norepinephrine and dopamine release from rat striatal slices: possible involvement of P/Q-type voltage-sensitive Ca ²⁺ channels. <i>British Journal of Anaesthesia</i> , 2000, 85, 874-880.	1.5	14
89	Editorial II. <i>British Journal of Anaesthesia</i> , 2003, 90, 576-579.	1.5	14
90	Flat Electroencephalogram Caused by Carbon Dioxide Pneumoperitoneum. <i>Anesthesia and Analgesia</i> , 2007, 105, 1749-1752.	1.1	14

#	ARTICLE	IF	CITATIONS
91	Urotensin II evokes neurotransmitter release from rat cerebrocortical slices. <i>Neuroscience Letters</i> , 2008, 440, 275-279.	1.0	14
92	Pilot Study of Changes in Presepsin Concentrations Compared With Changes in Procalcitonin and C-Reactive Protein Concentrations After Cardiovascular Surgery. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2017, 31, 1262-1267.	0.6	14
93	Droperidol inhibits tracheal contraction induced by serotonin, histamine or carbachol in guinea pigs. <i>Canadian Journal of Anaesthesia</i> , 1996, 43, 172-178.	0.7	13
94	The Relaxant Effect of Propofol on Guinea Pig Tracheal Muscle Is Independent of Airway Epithelial Function and beta-Adrenoceptor Activity. <i>Anesthesia and Analgesia</i> , 1999, 89, 191-196.	1.1	13
95	Initial distribution volume of glucose can be approximated using a conventional glucose analyzer in the intensive care unit. <i>Critical Care</i> , 2005, 9, R144.	2.5	13
96	New method for quantitative assessment of airway calibre using a stereovision fiberoptic bronchoscope. <i>British Journal of Anaesthesia</i> , 2012, 108, 512-516.	1.5	13
97	Measurement of $[Ca^{2+}]_i$ in Whole Cell Suspensions Using Fura-2. <i>Methods in Molecular Biology</i> , 2013, 937, 37-47.	0.4	13
98	Mechanisms of Anesthetic Emergence: Evidence for Active Reanimation. <i>Current Anesthesiology Reports</i> , 2014, 4, 49-56.	0.9	13
99	Ketamine and depression. <i>British Journal of Anaesthesia</i> , 2018, 121, 1198-1202.	1.5	13
100	Alteration in the Reactivity of Sphingomyelin in Mitogen-Stimulated Lymphocytes ¹ . <i>Journal of Biochemistry</i> , 1995, 118, 4-8.	0.9	12
101	Coupling of the cloned rat μ -opioid receptor to adenylyl cyclase is dependent on receptor expression. <i>Neuroscience Letters</i> , 1997, 232, 119-122.	1.0	12
102	In vivo spasmolytic effect of ketamine and adrenaline on histamine-induced airway constriction. <i>Acta Anaesthesiologica Scandinavica</i> , 1998, 42, 184-188.	0.7	12
103	Comparison of Initial Distribution Volume of Glucose and Intrathoracic Blood Volume During Hemodynamically Unstable States Early After Esophagectomy. <i>Chest</i> , 2005, 128, 1713-1719.	0.4	12
104	Plasma orexin A increases at emergence from sevoflurane-fentanyl anesthesia in patients undergoing ophthalmologic surgery. <i>Neuroscience Letters</i> , 2010, 482, 212-215.	1.0	12
105	The efficacy of acute normovolemic hemodilution for preventing perioperative allogeneic blood transfusion in gynecological cancer patients. <i>Journal of Clinical Anesthesia</i> , 2020, 60, 42-43.	0.7	12
106	Comparison of relaxant effects of propofol on methacholine-induced bronchoconstriction in dogs with and without vagotomy. <i>British Journal of Anaesthesia</i> , 2001, 86, 249-253.	1.5	11
107	A New Method to Estimate Regional Pulmonary Blood Flow Using Transesophageal Echocardiography. <i>Anesthesia and Analgesia</i> , 2008, 106, 530-534.	1.1	11
108	Nitrous oxide and xenon increase noradrenaline release in the cerebral cortex in vivo and in vitro. <i>Neuroscience Letters</i> , 2010, 469, 199-203.	1.0	11

#	ARTICLE	IF	CITATIONS
109	A central neuropathic pain model by DSP-4 induced lesion of noradrenergic neurons: Preliminary report. <i>Neuroscience Letters</i> , 2010, 481, 102-104.	1.0	11
110	Bronchoconstrictive and relaxant effects of lidocaine on the airway in dogs. <i>Critical Care Medicine</i> , 2001, 29, 1040-1044.	0.4	10
111	Intravenous indigo carmine might cause cerebral ischemia. <i>Acta Anaesthesiologica Scandinavica</i> , 2007, 51, 776-777.	0.7	10
112	Marked reduction in bispectral index with severe bradycardia without hypotension in a diabetic patient undergoing ophthalmic surgery. <i>Journal of Anesthesia</i> , 2008, 22, 300-303.	0.7	10
113	Preoperative cerebral and renal oxygen saturation and clinical outcomes in pediatric patients with congenital heart disease. <i>Journal of Clinical Monitoring and Computing</i> , 2019, 33, 1015-1022.	0.7	10
114	Preoperative management and postoperative delirium. <i>Journal of Anesthesia</i> , 2020, 34, 1-4.	0.7	10
115	Acute normovolemic hemodilution reduced allogeneic blood transfusion without increasing perioperative complications in patients undergoing free-flap reconstruction of the head and neck. <i>Journal of Anesthesia</i> , 2020, 34, 187-194.	0.7	10
116	The Efficacy of Preanesthetic Proton Pump Inhibitor Treatment for Patients on Long-Term H2 Antagonist Therapy. <i>Anesthesia and Analgesia</i> , 2005, 101, 1038-1041.	1.1	9
117	Regular use of H2 blockers reduces the efficacy of roxatidine to control gastric pH and volume. <i>Canadian Journal of Anaesthesia</i> , 2005, 52, 166-171.	0.7	9
118	The Effects of Benzodiazepines on Orexinergic Systems in Rat Cerebrocortical Slices. <i>Anesthesia and Analgesia</i> , 2007, 104, 338-340.	1.1	9
119	Preoperative Butyrylcholinesterase Level as an Independent Predictor of Overall Survival in Clear Cell Renal Cell Carcinoma Patients Treated with Nephrectomy. <i>Scientific World Journal</i> , The, 2014, 2014, 1-5.	0.8	9
120	Roles of Neuropeptide S in Anesthesia, Analgesia, and Sleep. <i>Pharmaceuticals</i> , 2021, 14, 483.	1.7	9
121	Posterior Hypothalamic Noradrenaline Release During Emergence from Sevoflurane Anesthesia in Rats. <i>Anesthesia and Analgesia</i> , 1995, 81, 1289-1291.	1.1	8
122	Midazolam reverses histamine-induced bronchoconstriction in dogs. <i>Canadian Journal of Anaesthesia</i> , 1997, 44, 1115-1119.	0.7	8
123	Milrinone Attenuates Serotonin-Induced Pulmonary Hypertension and Bronchoconstriction in Dogs. <i>Anesthesia and Analgesia</i> , 2000, 9, 790-794.	1.1	8
124	Spasmolytic effects of prostaglandin E 1 on serotonin-induced bronchoconstriction and pulmonary hypertension in dogs. <i>British Journal of Anaesthesia</i> , 2000, 85, 460-462.	1.5	8
125	Use of olprinone, a phosphodiesterase III inhibitor, in an asthmatic patient. <i>Acta Anaesthesiologica Scandinavica</i> , 2001, 45, 510-512.	0.7	8
126	Usefulness of presepsin for the early detection of infectious complications after elective colorectal surgery, compared with C-reactive protein and procalcitonin. <i>Scientific Reports</i> , 2022, 12, 3960.	1.6	8

#	ARTICLE	IF	CITATIONS
127	Measurement of $[Ca^{2+}]_i$ in Whole Cell Suspensions Using Fura-2. , 1999, 114, 31-40.		7
128	The Effects of Benzodiazepines on Urotensin II-Stimulated Norepinephrine Release from Rat Cerebrocortical Slices. <i>Anesthesia and Analgesia</i> , 2009, 108, 1177-1181.	1.1	7
129	A Worrying Decline in Anesthesia Journal Publications from Japan. <i>Journal of Anesthesia</i> , 2013, 27, 323-324.	0.7	7
130	Cannulation needle-induced anterior wall tenting of internal jugular vein causing posterior wall penetration. <i>Journal of Anesthesia</i> , 2015, 29, 467-470.	0.7	7
131	Sepsis and the orexin system. <i>Journal of Anesthesia</i> , 2016, 30, 919-922.	0.7	7
132	Central noradrenergic activity affects analgesic effect of Neuropeptide S. <i>Journal of Anesthesia</i> , 2018, 32, 48-53.	0.7	7
133	Serum Tryptase Cannot Differentiate Vancomycin-Induced Anaphylaxis From Red Man Syndrome. <i>Journal of Clinical Immunology</i> , 2019, 39, 855-856.	2.0	7
134	Spasmolytic effects of colforsin daropate on serotonin-induced pulmonary hypertension and bronchoconstriction in dogs. <i>Acta Anaesthesiologica Scandinavica</i> , 2002, 46, 297-302.	0.7	6
135	Differential effects of thiopental on methacholine- and serotonin-induced bronchoconstriction in dogs. <i>British Journal of Anaesthesia</i> , 2003, 91, 379-384.	1.5	6
136	Propofol Anesthesia Is Reduced in Phospholipase C-Related Inactive Protein Type-1 Knockout Mice. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2017, 361, 367-374.	1.3	6
137	Significance of preoperative butyrylcholinesterase level as an independent predictor of survival in patients with upper urinary tract urothelial carcinoma treated with nephroureterectomy. <i>Japanese Journal of Clinical Oncology</i> , 2018, 48, 184-189.	0.6	6
138	Perioperative respiratory complications: current evidence and strategy discussed in 2017 JA symposium. <i>Journal of Anesthesia</i> , 2018, 32, 132-136.	0.7	6
139	Acute normovolemic hemodilution and acute kidney injury after open abdominal cancer surgery. <i>Journal of Clinical Anesthesia</i> , 2020, 61, 109657.	0.7	6
140	Concerns for labor analgesia and autism spectrum disorders. <i>Journal of Anesthesia</i> , 2021, 35, 319-320.	0.7	6
141	Prostaglandin E1 produces spasmolytic effects on histamine-induced bronchoconstriction in dogs. <i>Critical Care Medicine</i> , 1999, 27, 2755-2759.	0.4	6
142	Etomidate inhibits $[^3H]$ noradrenaline release from SH-SY5Y human neuroblastoma cells. <i>Neuroscience Letters</i> , 1997, 236, 87-90.	1.0	5
143	Inhibited hypothalamic histamine metabolism during isoflurane and sevoflurane anesthesia in rats. <i>Acta Anaesthesiologica Scandinavica</i> , 1998, 42, 858-863.	0.7	5
144	Effect of phenylephrine on histamine-induced bronchoconstriction in dogs. <i>Journal of Anesthesia</i> , 1998, 12, 133-136.	0.7	5

#	ARTICLE	IF	CITATIONS
145	Ketamine and the inhibition of albumin extravasation in chemical peritonitis in rat. <i>European Journal of Anaesthesiology</i> , 2002, 19, 173.	0.7	5
146	Effects of nicardipine and diltiazem on the bispectral index and 95% spectral edge frequency. <i>European Journal of Anaesthesiology</i> , 2003, 20, 809-812.	0.7	5
147	Supraclinical concentrations of dexmedetomidine evoke norepinephrine release from rat cerebrocortical slicesPossible involvement of the orexin-1 receptor. <i>Neuroscience Letters</i> , 2004, 372, 142-145.	1.0	5
148	Does long-term medication with a proton pump inhibitor induce a tolerance to H2 receptor antagonist?. <i>Journal of Gastroenterology</i> , 2007, 42, 275-278.	2.3	5
149	Use of initial distribution volume of glucose to determine fluid volume loading in pulmonary thromboembolism and right ventricular myocardial infarction. <i>Journal of Anesthesia</i> , 2008, 22, 453-456.	0.7	5
150	Obturator Nerve Block: From Anatomy to Ultrasound Guidance. <i>Anesthesia and Analgesia</i> , 2008, 106, 350-351.	1.1	5
151	Impact of acute changes in perfusion index and blood pressure on the accuracy of non-invasive continuous hemoglobin concentration measurements during induction of anesthesia. <i>Journal of Anesthesia</i> , 2017, 31, 193-197.	0.7	5
152	Propofol and SARS-CoV-2 infection. <i>British Journal of Anaesthesia</i> , 2020, 125, e475-e476.	1.5	5
153	Prolonged respiratory depression after anesthesia for parathyroidectomy in a patient with juvenile type of acid maltase deficiency. <i>Journal of Clinical Anesthesia</i> , 1996, 8, 620.	0.7	4
154	Effects of oral rehydration therapy on gastric volume and pH in patients with preanesthetic H2 antagonist. <i>Journal of Anesthesia</i> , 2012, 26, 936-938.	0.7	4
155	Mild hypercapnia with hyperventilation attenuates recovery from anesthesia in elderly patients. <i>Journal of Anesthesia</i> , 2013, 27, 712-719.	0.7	4
156	Corrected right ventricular end-diastolic volume and initial distribution volume of glucose correlate with cardiac output after cardiac surgery. <i>Journal of Anesthesia</i> , 2013, 27, 512-520.	0.7	4
157	Launch of JA Clinical Reports. <i>Journal of Anesthesia</i> , 2015, 29, 161-163.	0.7	4
158	Ketamine suppresses the proliferation of rat C6 glioma cells. <i>Oncology Letters</i> , 2017, 14, 4911-4917.	0.8	4
159	Anesthesia research in Japan: seeds of recovery and the role of the <i>Journal of Anesthesia</i> . <i>Journal of Anesthesia</i> , 2017, 31, 803-805.	0.7	4
160	Influence of Orexinergic System on Survival in Septic Rats. <i>Neuropsychobiology</i> , 2019, 77, 45-48.	0.9	4
161	Impact of acute normovolemic hemodilution on allogeneic blood transfusion during open abdominal cancer surgery: A propensity matched retrospective study. <i>Journal of Clinical Anesthesia</i> , 2020, 64, 109822.	0.7	4
162	Anaesthesia-related drugs and SARS-CoV-2 infection. <i>British Journal of Anaesthesia</i> , 2021, 127, e32-e34.	1.5	4

#	ARTICLE	IF	CITATIONS
163	Ketamine and the inhibition of albumin extravasation in chemical peritonitis in rat. <i>European Journal of Anaesthesiology</i> , 2002, 19, 173-176.	0.7	4
164	Unventilated Airway Is Time-dependently Constricted in Paralyzed Dogs. <i>Anesthesiology</i> , 2001, 95, 1480-1484.	1.3	3
165	Flurbiprofen does not change the bispectral index and 95% spectral edge frequency during total intravenous anaesthesia with propofol and fentanyl. <i>European Journal of Anaesthesiology</i> , 2002, 19, 483.	0.7	3
166	Effects of nicardipine and diltiazem on the bispectral index and 95% spectral edge frequency. <i>European Journal of Anaesthesiology</i> , 2003, 20, 809-812.	0.7	3
167	Role of the orexinergic system in acute haemorrhage in the rat. <i>Neuroscience Letters</i> , 2008, 432, 162-166.	1.0	3
168	Anesthetic management of a patient with narcolepsy by combination of total intravenous and regional anesthesia: a case report. <i>JA Clinical Reports</i> , 2017, 3, 37.	0.2	3
169	The volume of acute normovolemic hemodilution. <i>Gynecologic Oncology Reports</i> , 2019, 29, 132.	0.3	3
170	Clotting functional stability of withdrawing blood in storage for acute normovolemic hemodilution: a pilot study. <i>Journal of Anesthesia</i> , 2021, 35, 35-42.	0.7	3
171	Ketamine inhibits the tonic response to carbachol and histamine in the guinea pig trachea. <i>European Journal of Anaesthesiology</i> , 1998, 15, 486-492.	0.7	3
172	Ketamine and its isomers have equipotent relaxant effects on tracheal smooth muscle contracted by tachykinins. <i>Journal of Anesthesia</i> , 1996, 10, 55-57.	0.7	2
173	Effects of intravenous and local anesthetic agents on γ -conotoxin MVIIA binding to rat cerebrocortex. <i>Canadian Journal of Anaesthesia</i> , 2000, 47, 467-470.	0.7	2
174	Sleep in anesthesiology – What can we learn about anesthesia from studying sleep?. <i>Trends in Anaesthesia and Critical Care</i> , 2012, 2, 30-35.	0.4	2
175	Patent ductus arteriosus closure and somatic regional oxyhemoglobin saturation. <i>Journal of Clinical Monitoring and Computing</i> , 2019, 33, 403-405.	0.7	2
176	Posterior Hypothalamic Noradrenaline Release During Emergence from Sevoflurane Anesthesia in Rats. <i>Anesthesia and Analgesia</i> , 1995, 81, 1289-1291.	1.1	1
177	The Relaxant Effect of Ketamine on Guinea Pig Airway Smooth Muscle Is Epithelium-Independent. <i>Anesthesia and Analgesia</i> , 1997, 84, 641-647.	1.1	1
178	Measurement of [³ H]PN200-110 and [¹²⁵ I] γ -Conotoxin MVIIA Binding. , 1999, 114, 149-162.		1
179	Lack of an interaction between orexinergic and opioid/nociceptinergic systems in rat cerebrocortical slices. <i>Neuroscience Letters</i> , 2003, 340, 173-176.	1.0	1
180	Fentanyl-mediated reduction in the bispectral index and 95% spectral edge frequency is age-dependent. <i>European Journal of Anaesthesiology</i> , 2003, 20, 167-169.	0.7	1

#	ARTICLE	IF	CITATIONS
181	Measurement of [³ H]PN200-110 and [¹²⁵ I]w-Conotoxin MVIIA Binding. , 2005, 312, 147-160.		1
182	Lack of interaction between orexinergic and $\hat{1}\pm 2$ -adrenergic neuronal systems in rat cerebrocortical slices. Neuroscience Letters, 2005, 387, 49-52.	1.0	1
183	Selection of opioid and measures against opioid-induced adverse reactions during the initial introduction period of opioid therapy for cancer pain. European Journal of Pain Supplements, 2007, 1, 88-89.	0.0	1
184	Efficacy of a single 24-hour pre-anesthetic dose of proton pump inhibitors. Journal of Gastroenterology and Hepatology (Australia), 2009, 24, 1244-1247.	1.4	1
185	A case of trigeminal neuralgia complicated by ipsilateral temporal arteritis. Journal of Anesthesia, 2010, 24, 139-142.	0.7	1
186	A marked increase in gastric fluid volume during cardiopulmonary bypass. Journal of Clinical Biochemistry and Nutrition, 2011, 49, 16-19.	0.6	1
187	Adrenoceptor modulators and cancer progression. Journal of Anesthesia, 2016, 30, 365-368.	0.7	1
188	Haematocrit and plasma volume during induction of anaesthesia. Acta Anaesthesiologica Scandinavica, 2018, 62, 1330-1331.	0.7	1
189	Has anesthesia research activity in Japan successfully recovered?. Journal of Anesthesia, 2020, 34, 639-641.	0.7	1
190	A1116 Relaxant Effect of Propofol on The Airway in Dogs. Anesthesiology, 1997, 87, 1116A.	1.3	1
191	Prospect of Propofol-Total Intravenous Anesthesia. The Journal of Japan Society for Clinical Anesthesia, 2007, 27, 42-49.	0.0	1
192	Plasma orexin A does not reflect severity of illness in the intensive care units patients with systemic inflammation. JA Clinical Reports, 2022, 8, 7.	0.2	1
193	H2 antagonists, proton pump inhibitors and COVID-19. Journal of Anesthesia, 2022, , 1.	0.7	1
194	Acute normovolemic hemodilution reduced the frequency and amount of perioperative allogeneic blood transfusion in pediatric and adolescent scoliosis surgery: a retrospective observational study. Journal of Anesthesia, 2022, 36, 484-492.	0.7	1
195	Electron microscopic study of hepatic fibrosis; fine structural change of the liver in congestive heart failure. Gastroenterologia Japonica, 1966, 1, 53-53.	0.4	0
196	The change and its clinical significance of enzyme activity in liver damage (II). Gastroenterologia Japonica, 1966, 1, 47-47.	0.4	0
197	Bile acid metabolism in liver diseases (II). Gastroenterologia Japonica, 1968, 3, 300-300.	0.4	0
198	Diagnosis of intraabdominal tumors with peritoneography. Gastroenterologia Japonica, 1968, 3, 319-319.	0.4	0

#	ARTICLE	IF	CITATIONS
199	Histopathological study on achalasia. <i>Gastroenterologia Japonica</i> , 1968, 3, 434-435.	0.4	0
200	Pharmacokinetics of ketamine during hypothermic cardiopulmonary bypass in cardiac patients. <i>Journal of Anesthesia</i> , 1995, 9, 142-145.	0.7	0
201	Studies on the binding of [3H]amethocaine to rat cerebrocortical membranes. <i>British Journal of Anaesthesia</i> , 1997, 79, 521-524.	1.5	0
202	Supraclinical concentrations of dexmedetomidine evoke norepinephrine release from rat cerebrocortical slices. <i>Neuroscience Letters</i> , 2004, 372, 142-145.	1.0	0
203	Study on airway smooth muscle tone using fiberoptic bronchoscopy: basic research and clinical application. <i>Journal of Anesthesia</i> , 2011, 25, 147-151.	0.7	0
204	Effects of cardiac output on the initial distribution volume of glucose in the absence of fluid gain or loss in pigs. <i>Journal of Anesthesia</i> , 2017, 31, 95-102.	0.7	0
205	Orexinergic tone affects survival in sepsis in rat. <i>British Journal of Anaesthesia</i> , 2018, 120, e19-e20.	1.5	0
206	Is neurotransmitter release involved in the mechanism of general anesthesia?. <i>Journal of Anesthesia</i> , 2020, 34, 153-155.	0.7	0
207	Intra-operative intravascular effect of the difference in colloid solutions during acute normovolemic hemodilution. <i>JA Clinical Reports</i> , 2021, 7, 70.	0.2	0
208	The effects of newly-established surgical ICU on our university hospital. <i>Journal of the Japanese Society of Intensive Care Medicine</i> , 2017, 24, 35-36.	0.0	0
209	A case of acute kidney injury and coma possibly due to a massive xylitol infusion for nephrogenic diabetes insipidus. <i>Journal of the Japanese Society of Intensive Care Medicine</i> , 2018, 25, 199-200.	0.0	0
210	Analysis of prolonged length of stay in intensive care units in Japan using the Japanese intensive care patient database. <i>Journal of the Japanese Society of Intensive Care Medicine</i> , 2022, 29, 107-116.	0.0	0