

# Tomonori Takazawa

## List of Publications by Year in descending order

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Version: 2024-02-01

64  
papers

1,488  
citations

361388

20  
h-index

330122

37  
g-index

67  
all docs

67  
docs citations

67  
times ranked

1419  
citing authors

#	ARTICLE	IF	CITATIONS
1	Management of suspected immediate perioperative allergic reactions: an international overview and consensus recommendations. <i>British Journal of Anaesthesia</i> , 2019, 123, e50-e64.	3.4	117
2	Sugammadex and rocuronium-induced anaphylaxis. <i>Journal of Anesthesia</i> , 2016, 30, 290-297.	1.7	107
3	Comparative epidemiology of suspected perioperative hypersensitivity reactions. <i>British Journal of Anaesthesia</i> , 2019, 123, e16-e28.	3.4	87
4	Epidemiology of perioperative anaphylaxis. <i>Presse Medicale</i> , 2016, 45, 758-767.	1.9	85
5	Pre- and postsynaptic inhibitory control in the spinal cord dorsal horn. <i>Annals of the New York Academy of Sciences</i> , 2013, 1279, 90-96.	3.8	81
6	Glycinergic and GABAergic tonic inhibition fine tune inhibitory control in regionally distinct subpopulations of dorsal horn neurons. <i>Journal of Physiology</i> , 2010, 588, 2571-2587.	2.9	79
7	Synaptic pathways and inhibitory gates in the spinal cord dorsal horn. <i>Annals of the New York Academy of Sciences</i> , 2010, 1198, 153-158.	3.8	76
8	Membrane and Firing Properties of Glutamatergic and GABAergic Neurons in the Rat Medial Vestibular Nucleus. <i>Journal of Neurophysiology</i> , 2004, 92, 3106-3120.	1.8	64
9	Maturation of Spinal Motor Neurons Derived from Human Embryonic Stem Cells. <i>PLoS ONE</i> , 2012, 7, e40154.	2.5	64
10	Comparison of incidence of anaphylaxis between sugammadex and neostigmine: a retrospective multicentre observational study. <i>British Journal of Anaesthesia</i> , 2020, 124, 154-163.	3.4	63
11	The use of drug provocation testing in the investigation of suspected immediate perioperative allergic reactions: current status. <i>British Journal of Anaesthesia</i> , 2019, 123, e126-e134.	3.4	62
12	Three suspected cases of sugammadex-induced anaphylactic shock. <i>BMC Anesthesiology</i> , 2014, 14, 92.	1.8	54
13	Consensus clinical scoring for suspected perioperative immediate hypersensitivity reactions. <i>British Journal of Anaesthesia</i> , 2019, 123, e29-e37.	3.4	53
14	Inhibition Mediated by Glycinergic and GABAergic Receptors on Excitatory Neurons in Mouse Superficial Dorsal Horn Is Location-Specific but Modified by Inflammation. <i>Journal of Neuroscience</i> , 2017, 37, 2336-2348.	3.6	51
15	In vitro diagnostic tests for perioperative hypersensitivity, a narrative review: potential, limitations, and perspectives. <i>British Journal of Anaesthesia</i> , 2019, 123, e117-e125.	3.4	49
16	Management of a surgical patient with a label of penicillin allergy: narrative review and consensus recommendations. <i>British Journal of Anaesthesia</i> , 2019, 123, e82-e94.	3.4	36
17	Exercise-Induced Cerebral Deoxygenation among Untrained Trekkers at Moderate Altitudes. <i>Archives of Environmental Health</i> , 1999, 54, 271-276.	0.4	28
18	Usefulness of Basophil Activation Tests for Diagnosis of Sugammadex-Induced Anaphylaxis. <i>Anesthesia and Analgesia</i> , 2018, 126, 1509-1516.	2.2	26

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19	Relationship between afterhyperpolarization profiles and the regularity of spontaneous firings in rat medial vestibular nucleus neurons. <i>European Journal of Neuroscience</i> , 2008, 28, 288-298.	2.6	24
20	Remimazolam anaphylaxis during anesthesia induction. <i>Journal of Anesthesia</i> , 2021, 35, 571-575.	1.7	21
21	The interaction of noradrenaline with sevoflurane on GABA(A) receptor-mediated inhibitory postsynaptic currents in the rat hippocampus. <i>Brain Research</i> , 2005, 1039, 153-161.	2.2	20
22	Actions of propofol on substantia gelatinosa neurones in rat spinal cord revealed by <i>in vitro</i> and <i>in vivo</i> patch-clamp recordings. <i>European Journal of Neuroscience</i> , 2009, 29, 518-528.	2.6	20
23	Drug-induced anaphylaxis during general anesthesia in 14 tertiary hospitals in Japan: a retrospective, multicenter, observational study. <i>Journal of Anesthesia</i> , 2021, 35, 154-160.	1.7	20
24	Flow cytometric investigation of sugammadex-induced anaphylaxis. <i>British Journal of Anaesthesia</i> , 2015, 114, 858-859.	3.4	19
25	Changes in intraocular pressure during surgery in the lateral decubitus position under sevoflurane and propofol anesthesia. <i>Journal of Clinical Monitoring and Computing</i> , 2016, 30, 869-874.	1.6	16
26	Practical guidelines for the response to perioperative anaphylaxis. <i>Journal of Anesthesia</i> , 2021, 35, 778-793.	1.7	16
27	Normalized skin conductance level could differentiate physical pain stimuli from other sympathetic stimuli. <i>Scientific Reports</i> , 2020, 10, 10950.	3.3	15
28	Cardiorespiratory dynamics of rescuers during cardiopulmonary resuscitation in a hypoxic environment. <i>American Journal of Emergency Medicine</i> , 2018, 36, 1561-1564.	1.6	11
29	A case of acute onset postoperative gas gangrene caused by <i>Clostridium perfringens</i> . <i>BMC Research Notes</i> , 2016, 9, 385.	1.4	10
30	Drug-induced anaphylaxis in the emergency room. <i>Acute Medicine &amp; Surgery</i> , 2017, 4, 235-245.	1.2	10
31	Required cefazolin concentration to maximize diagnostic accuracy of the basophil activation test for cefazolin-induced anaphylaxis. <i>Journal of Anesthesia</i> , 2018, 32, 797-805.	1.7	10
32	Experimental use of a transportable hyperbaric chamber durable for 15 psi at 3700 meters above sea level. <i>Wilderness and Environmental Medicine</i> , 2000, 11, 21-24.	0.9	8
33	Mepivacaine-induced anaphylactic shock in a pregnant woman undergoing combined spinal and epidural anesthesia for cesarean delivery: a case report. <i>JA Clinical Reports</i> , 2019, 5, 84.	0.7	8
34	Effects of spinal anesthesia on the peripheral and deep core temperature in elderly diabetic patients undergoing urological surgery. <i>Journal of Anesthesia</i> , 2007, 21, 336-339.	1.7	7
35	COVID-19 with repeated positive test results for SARS-CoV-2 by PCR and then negative test results twice during intensive care: a case report. <i>Journal of Medical Case Reports</i> , 2020, 14, 191.	0.8	7
36	Balance of older trekkers: data on alpine accidents and performance as assessed using a video game machine. <i>American Journal of Emergency Medicine</i> , 2012, 30, 1125-1128.	1.6	6

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37	Interpreting the results of early skin tests after perioperative anaphylaxis requires special attention: a case report and review of literature. <i>Journal of Anesthesia</i> , 2020, 34, 624-629.	1.7	6
38	Does sugammadex have multiple mechanisms for causing anaphylaxis?. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2020, 8, 2457-2458.	3.8	6
39	Does a surgical mask improve oxygenation in COVID-19 patients?. <i>JA Clinical Reports</i> , 2021, 7, 34.	0.7	6
40	Development of Artificial Skin Using Keratin Film for Evaluation of Puncture Performance of Microneedle. <i>Journal of Robotics and Mechatronics</i> , 2020, 32, 351-361.	1.0	5
41	History of the development of antagonists for neuromuscular blocking agents. <i>Journal of Anesthesia</i> , 2020, 34, 723-728.	1.7	4
42	Intraoperative anaphylaxis due to aprotinin after local application of fibrin sealant diagnosed by skin tests and basophil activation tests: a case report. <i>JA Clinical Reports</i> , 2021, 7, 68.	0.7	4
43	Is sugammadex alone sufficient to cause anaphylaxis?. <i>Journal of Anesthesia</i> , 2018, 32, 307-307.	1.7	3
44	Physiological and Pharmaceutical Knowledge in "Ninja" Society: Suggestions for Modern Anesthesiologists and Intensivists. <i>Journal of Anesthesia History</i> , 2018, 4, 209-213.	0.2	3
45	A novel prediction equation of resting energy expenditure for Japanese septic patients. <i>Journal of Critical Care</i> , 2020, 56, 236-242.	2.2	3
46	Possible immunoglobulin-E-dependent sugammadex-induced anaphylaxis caused by an epitope other than I <sup>3</sup> -cyclodextrin: a case report. <i>Journal of Medical Case Reports</i> , 2021, 15, 313.	0.8	3
47	Investigation of the optimal method of oxygen administration with simultaneous use of a surgical mask: a randomized control study. <i>Journal of Anesthesia</i> , 2021, , 1.	1.7	3
48	Comparison between succinylcholine and rocuronium as neuromuscular blocking agents for electroconvulsive therapy in a patient with pseudocholinesterase deficiency. <i>JA Clinical Reports</i> , 2015, 1, 7.	0.7	2
49	Anaphylaxis caused by butylscopolamine bromide: a case report. <i>JA Clinical Reports</i> , 2020, 6, 26.	0.7	2
50	A Puncturing Device that Mimics the Mechanism of Mosquito's Proboscis and Labium - Verification of the Effect of Skin Deformation / Needle Buckling Prevention Mechanism and Puncture Experiment on Artificial Skin and Experimental Animals ". <i>International Journal of Automation Technology</i> , 2020, 14, 117-127.	1.0	2
51	Improvement of Severe COVID-19 in an Elderly Man by Sequential Use of Antiviral Drugs. <i>Case Reports in Infectious Diseases</i> , 2020, 2020, 1-4.	0.5	1
52	Is it just a cefazolin issue?. <i>JA Clinical Reports</i> , 2019, 5, 61.	0.7	1
53	Is use of glycine-containing drugs in anesthesia safe?. <i>Journal of Anesthesia</i> , 2017, 31, 925-925.	1.7	0
54	A device integrating microneedle and jig of preventing needle buckling/skin deformation inspired by mosquito " 3D fabrication and experiment of skin puncture/blood sampling. , 2018, , .		0

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55	Hemodynamically adjusted infrahepatic inferior vena cava clamping can reduce postoperative deterioration in renal function: a retrospective observational study. <i>Journal of Anesthesia</i> , 2020, 34, 320-329.	1.7	0
56	Examination of Efficacy after Revision of GRV Enteral Nutrition Protocol in the ICU. <i>Kitakanto Medical Journal</i> , 2021, 71, 1-7.	0.0	0
57	What You Need to Know about Sugammadex-induced Anaphylaxis. <i>The Journal of Japan Society for Clinical Anesthesia</i> , 2021, 41, 188-193.	0.0	0
58	Reply to the letter. <i>Journal of Anesthesia</i> , 2021, 35, 772-772.	1.7	0
59	Impact of the First Wave of COVID-19 on the Number of General Anesthesia Cases in 34 Tertiary Hospitals in Japan: A Multicenter Retrospective Study. <i>Anesthesiology Research and Practice</i> , 2021, 2021, 1-6.	0.7	0
60	Interpretation of concurrent positive skin tests to prophylactic antibiotics and rocuronium. <i>JA Clinical Reports</i> , 2021, 7, 65.	0.7	0
61	Changes in Cerebral Oxygenation Assessed by Near-infrared Spectroscopy during Shoulder Arthroscopy in the Beach Chair Position after Brachial Plexus Block. <i>Journal of Anesthesia &amp; Clinical Research</i> , 2013, 04, .	0.1	0
62	Present Clinical Status of Postoperative Cognitive Dysfunction Following Noncardiac Surgery. , 2017, , 95-103.		0
63	Anaphylactic Shock in the Operating Room. <i>The Journal of Japan Society for Clinical Anesthesia</i> , 2019, 39, 408-414.	0.0	0
64	Mountain Worship in Gunma, Joetsu Area and Medical Knowledge among Shugen-monks. <i>Kitakanto Medical Journal</i> , 2020, 70, 199-206.	0.0	0