Takuya Miyawaki

List of Publications by Year
in descending order

66	881	516710 16	552781 26
papers	citations	h-index	g-index

66	66	66	848
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Dexmedetomidine Enhances the Local Anesthetic Action of Lidocaine via an Î±-2A Adrenoceptor. Anesthesia and Analgesia, 2008, 107, 96-101.	2.2	180
2	Management of oral surgery in patients with hereditary or acquired angioedemas: review and case report. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2003, 96, 540-543.	1.4	36
3	Locally Injected Dexmedetomidine Inhibits Carrageenin-Induced Inflammatory Responses in the Injected Region. Anesthesia and Analgesia, 2014, 118, 473-480.	2.2	33
4	Dental sedation for patients with intellectual disability: a prospective study of manual control versus Bispectral Index-guided target-controlled infusion of propofol. Journal of Clinical Anesthesia, 2011, 23, 636-642.	1.6	32
5	Propofol suppresses a hyperpolarization-activated inward current in rat hippocampal CA1 neurons. Neuroscience Letters, 2001, 311, 177-180.	2.1	28
6	Locally Injected Dexmedetomidine Induces Vasoconstriction via Peripheral Î±-2A Adrenoceptor Subtype in Guinea Pigs. Regional Anesthesia and Pain Medicine, 2014, 39, 133-136.	2.3	25
7	Anesthetic management for advanced rheumatoid arthritis patients with acquired micrognathia undergoing temporomandibular joint replacement. Journal of Oral and Maxillofacial Surgery, 2002, 60, 559-566.	1.2	24
8	Effect of Dexmedetomidine Injected Into the Oral Mucosa in Combination With Lidocaine on Local Anesthetic Potency in Humans: AÂCrossover Double-Blind Study. Journal of Oral and Maxillofacial Surgery, 2015, 73, 616-621.	1.2	24
9	Suppression of the hyperpolarization-activated inward current contributes to the inhibitory actions of propofol on rat CA1 and CA3 pyramidal neurons. Neuroscience Research, 2003, 45, 459-472.	1.9	23
10	Elevation of plasma interleukin-6 level is involved in postoperative fever following major oral and maxillofacial surgery. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 1998, 85, 146-152.	1.4	22
11	Heme oxygenase-1 induction in the brain during lipopolysaccharide-induced acute inflammation. Neuropsychiatric Disease and Treatment, 2008, 4, 663.	2.2	21
12	EFFECT OF MIDAZOLAM ON INTERLEUKIN-6 mRNA EXPRESSION IN HUMAN PERIPHERAL BLOOD MONONUCLEAR CELLS IN THE ABSENCE OF LIPOPOLYSACCHARIDE. Cytokine, 2001, 15, 320-327.	3.2	19
13	Allergic Reactions to Local Anesthetics in Dental Patients: Analysis of Intracutaneous and Challenge Tests. Open Dentistry Journal, 2011, 5, 146-149.	0.5	19
14	Ketamine and Midazolam Differentially Inhibit Nonadrenergic Noncholinergic Lower Esophageal Sphincter Relaxation in Rabbits. Anesthesiology, 2003, 98, 449-458.	2.5	18
15	Peripheral N-Methyl-d-Aspartate Receptors Modulate Nonadrenergic Noncholinergic Lower Esophageal Sphincter Relaxation in Rabbits. Anesthesia and Analgesia, 2005, 101, 1681-1688.	2.2	18
16	The influence of oral VPA on the required dose of propofol for sedation during dental treatment in patients with mental retardation: A prospective observer-blinded cohort study. Epilepsia, 2012, 53, e13-e16.	5.1	18
17	Independent Predictors of Delay in Emergence From General Anesthesia. Anesthesia Progress, 2015, 62, 8-13.	0.5	18
18	Sympathetic Activity-Mediated Neuropathic Facial Pain Following Simple Tooth Extraction: A Case Report. Cranio - Journal of Craniomandibular Practice, 2002, 20, 135-138.	1.4	17

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19	Intravenous Anesthetics Inhibit Nonadrenergic Noncholinergic Lower Esophageal Sphincter Relaxation viaÂ Nitric Oxideâ€“Cyclic Guanosine Monophosphate Pathway Modulation in Rabbits. Anesthesiology, 2001, 95, 176-183.	2.5	16
20	Effect of a low dose of midazolam on high blood pressure in dental patients: a randomised, double-blind, placebo-controlled, two-centre study. British Journal of Oral and Maxillofacial Surgery, 2016, 54, 443-448.	0.8	16
21	Effect of intravenous infusion of a Î²-adrenergic blocking agent on the haemodynamic changes in human masseter muscle induced by cold-pressor stimulation. Archives of Oral Biology, 1999, 44, 475-483.	1.8	15
22	Liposome-encapsulated midazolam for oral administration. Journal of Liposome Research, 2011, 21, 166-172.	3.3	15
23	Propofol increases the rate of albumin-unbound free midazolam in serum albumin solution. Journal of Anesthesia, 2011, 25, 618-620.	1.7	14
24	Exosome-Based Molecular Transfer Activity of Macrophage-Like Cells Involves Viability of Oral Carcinoma Cells: Size Exclusion Chromatography and Concentration Filter Method. Cells, 2021, 10, 1328.	4.1	13
25	Effect of intravenous infusion of an Î±-adrenergic blocking agent on the haemodynamic changes in human masseter muscle induced by cold pressor stimulation. Archives of Oral Biology, 1999, 44, 319-327.	1.8	12
26	Midazolam Is Associated With Delay in Recovery and Agitation After Ambulatory General Anesthesia for Dental Treatment in Patients With Disabilities: A Retrospective Cohort Study. Journal of Oral and Maxillofacial Surgery, 2012, 70, 1315-1320.	1.2	12
27	Female Patients Require a Higher Propofol Infusion Rate for Sedation. Anesthesia Progress, 2016, 63, 67-70.	0.5	12
28	Remifentanil suppresses increase in interleukin-6 mRNA in the brain by inhibiting cyclic AMP synthesis. Journal of Anesthesia, 2018, 32, 731-739.	1.7	12
29	Locally injected ivabradine inhibits carrageenan-induced pain and inflammatory responses via hyperpolarization-activated cyclic nucleotide-gated (HCN) channels. PLoS ONE, 2019, 14, e0217209.	2.5	12
30	Peripheral type benzodiazepine receptor in T lymphocyte rich preparation. Life Sciences, 1998, 63, 1423-1430.	4.3	11
31	A Trigeminal Neuralgia-like Paroxysmal Pain Condition Presumably Due to Buccal Nerve Compression in the Temporalis Muscle. Cranio - Journal of Craniomandibular Practice, 2001, 19, 56-60.	1.4	9
32	Dental management of a patient with takotsubo cardiomyopathy: a case report. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2007, 103, e26-e29.	1.4	9
33	Elevation of plasma interleukin-6 level in patients undergoing oral and maxillofacial surgery. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 1996, 81, 15-20.	1.4	8
34	Hemodynamic Changes by Drug Interaction of Adrenaline With Chlorpromazine. Anesthesia Progress, 2014, 61, 150-154.	0.5	8
35	Chronic orofacial pain in dental patients: retrospective investigation over 12 years. Acta Medica Okayama, 2014, 68, 269-75.	0.2	8
36	Dexmedetomidine inhibits LPS-induced inflammatory responses through peroxisome proliferator-activated receptor gamma (PPARÎ³) activation following binding to Î±2 adrenoceptors. European Journal of Pharmacology, 2021, 892, 173733.	3.5	7

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37	Fabrication of Artificial Food Bolus for Evaluation of Swallowing. PLoS ONE, 2016, 11, e0168378.	2.5	7
38	Multi-drug therapy for epilepsy influenced bispectral index after a bolus propofol administration without affecting propofolâ€™s pharmacokinetics: a prospective cohort study. Scientific Reports, 2020, 10, 1578.	3.3	7
39	Oxidative changes in the rat brain by intraperitoneal injection of ferric nitrilotriacetate. Redox Report, 2009, 14, 109-114.	4.5	6
40	The inhibitory effect of locally injected dexmedetomidine on carrageenan-induced nociception in rats. European Journal of Pharmacology, 2015, 764, 215-219.	3.5	6
41	Comparison of Oxygen Saturation Between Nasal High-Flow Oxygen and Conventional Nasal Cannula in Obese Patients Undergoing Dental Procedures With Deep Sedation: A Randomized Crossover Trial. Journal of Oral and Maxillofacial Surgery, 2021, 79, 1842-1850.	1.2	6
42	Mexiletine inhibits nonadrenergic noncholinergic lower oesophageal sphincter relaxation in rabbits. European Journal of Pharmacology, 2003, 465, 145-151.	3.5	5
43	Oral midazolam for sedation in minor oral operations in children: A retrospective study. British Journal of Oral and Maxillofacial Surgery, 2008, 46, 330-331.	0.8	5
44	Antiallodynic Action of 1-(3-(9H-Carbazol-9-yl)-1-propyl)-4-(2-methyoxyphenyl)-4-piperidinol (NNC05-2090), a Betaine/GABA Transporter Inhibitor. Journal of Pharmacological Sciences, 2014, 125, 217-226.	2.5	5
45	Independent Factors Affecting Recovery Time After Sedation in Patients with Intellectual Disabilities. Open Dentistry Journal, 2015, 9, 146-149.	0.5	5
46	Low Bone Mass Is a Risk Factor in Periodontal Disease-Related Tooth Loss in Patients with Intellectual Disability. Open Dentistry Journal, 2013, 7, 157-161.	0.5	5
47	Combination of midazolam and a cyclooxygenase-2 inhibitor inhibits lipopolysaccharide-induced interleukin-6 production in human peripheral blood mononuclear cells. Immunopharmacology and Immunotoxicology, 2012, 34, 79-83.	2.4	4
48	Effects of midazolam and phenobarbital on brain oxidative reactions induced by pentylenetetrazole in a convulsion model. Immunopharmacology and Immunotoxicology, 2012, 34, 216-221.	2.4	4
49	Features of lateral cephalograms associated with difficult laryngoscopy in Japanese children undergoing oral and maxillofacial surgery. Paediatric Anaesthesia, 2013, 23, 994-1001.	1.1	4
50	Effect of carbamazepine or phenytoin therapy on blood level of intravenously administered midazolam: a prospective cohort study. Journal of Anesthesia, 2016, 30, 166-169.	1.7	4
51	In vitro changes in the proportion of protein-unbound-free propofol induced by valproate. Journal of Anesthesia, 2018, 32, 688-693.	1.7	4
52	Prevalence of blood pressure levels and hypertension-related diseases in Japanese dental patients. Community Dental Health, 2004, 21, 134-7.	0.2	4
53	Prevention of Postanesthetic Shivering with Intravenous Administration of Aspirin. Journal of Anesthesia, 1991, 5, 123-127.	1.7	3
54	Hyperoxia reduces salivary secretion by inducing oxidative stress in mice. Archives of Oral Biology, 2019, 98, 38-46.	1.8	3

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55	Effects of isoflurane-induced and prostaglandin E1-induced hypotension on cytokine responses to oral and maxillofacial surgery. Journal of Clinical Anesthesia, 2004, 16, 168-172.	1.6	2
56	Stress induces changes of internal standard genes of amygdala. Molecular Brain Research, 2005, 140, 133-137.	2.3	2
57	Partial Laryngospasms During General Anesthesia With a Laryngeal Mask Airway for Dental Treatment: A Report of 5 Cases. Journal of Oral and Maxillofacial Surgery, 2010, 68, 2554-2557.	1.2	2
58	Extreme Tooth Abnormalities and Treatment under General Anesthesia in a Child with chronic GVHD Surviving Relapse of Acute Lymphoblastic Leukemia. Journal of Clinical Pediatric Dentistry, 2012, 37, 199-201.	1.0	1
59	Pulmonary Aspiration During Induction of General Anesthesia. Anesthesia Progress, 2020, 67, 214-218.	0.5	1
60	A Multidisciplinary Approach to the Management of Chronic Pain through a Self-managed Behavioral Exercise Program : A Pilot Study in Japan. Acta Medica Okayama, 2018, 72, 343-350.	0.2	1
61	The clinical advantage of nasal high-flow in respiratory management during procedural sedation: A scoping review on the application of nasal high-flow during dental procedures with sedation. Japanese Dental Science Review, 2022, 58, 179-182.	5.1	1
62	Induction of apoptotic change in the rat hippocampus caused by ferric nitrilotriacetate. Redox Report, 2011, 16, 114-120.	4.5	0
63	Clinical Analysis of Analgesics and Steroids Use for Extraction of Teeth in Patients with Intellectual Disability Under General Anesthesia. Open Dentistry Journal, 2017, 11, 181-186.	0.5	0
64	Reply. Journal of Oral and Maxillofacial Surgery, 2021, 79, 2181-2182.	1.2	0
65	Sedation in Dentistry and Guidelines. The Journal of Japan Society for Clinical Anesthesia, 2019, 39, 169-177.	0.0	0
66	Assessing the Effectiveness of Combined Analgesics for Bilateral Ramus Osteotomies. Anesthesia Progress, 2020, 67, 140-145.	0.5	0