

Takuya Miyawaki

List of Publications by Year in descending order

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66
papers

881
citations

516710

16
h-index

552781

26
g-index

66
all docs

66
docs citations

66
times ranked

848
citing authors

#	ARTICLE	IF	CITATIONS
1	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. <i>Japanese Dental Science Review</i> , 2022, 58, 179-182.	5.1	1
2	Dexmedetomidine inhibits LPS-induced inflammatory responses through peroxisome proliferator-activated receptor gamma (PPAR γ) activation following binding to α 2 adrenoceptors. <i>European Journal of Pharmacology</i> , 2021, 892, 173733.	3.5	7
3	Exosome-Based Molecular Transfer Activity of Macrophage-Like Cells Involves Viability of Oral Carcinoma Cells: Size Exclusion Chromatography and Concentration Filter Method. <i>Cells</i> , 2021, 10, 1328.	4.1	13
4	Reply. <i>Journal of Oral and Maxillofacial Surgery</i> , 2021, 79, 2181-2182.	1.2	0
5	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. <i>Journal of Oral and Maxillofacial Surgery</i> , 2021, 79, 1842-1850.	1.2	6
6	Assessing the Effectiveness of Combined Analgesics for Bilateral Ramus Osteotomies. <i>Anesthesia Progress</i> , 2020, 67, 140-145.	0.5	0
7	Pulmonary Aspiration During Induction of General Anesthesia. <i>Anesthesia Progress</i> , 2020, 67, 214-218.	0.5	1
8	Multi-drug therapy for epilepsy influenced bispectral index after a bolus propofol administration without affecting propofol's pharmacokinetics: a prospective cohort study. <i>Scientific Reports</i> , 2020, 10, 1578.	3.3	7
9	Locally injected ivabradine inhibits carrageenan-induced pain and inflammatory responses via hyperpolarization-activated cyclic nucleotide-gated (HCN) channels. <i>PLoS ONE</i> , 2019, 14, e0217209.	2.5	12
10	Hyperoxia reduces salivary secretion by inducing oxidative stress in mice. <i>Archives of Oral Biology</i> , 2019, 98, 38-46.	1.8	3
11	Sedation in Dentistry and Guidelines. <i>The Journal of Japan Society for Clinical Anesthesia</i> , 2019, 39, 169-177.	0.0	0
12	Remifentanyl suppresses increase in interleukin-6 mRNA in the brain by inhibiting cyclic AMP synthesis. <i>Journal of Anesthesia</i> , 2018, 32, 731-739.	1.7	12
13	In vitro changes in the proportion of protein-unbound-free propofol induced by valproate. <i>Journal of Anesthesia</i> , 2018, 32, 688-693.	1.7	4
14	A Multidisciplinary Approach to the Management of Chronic Pain through a Self-managed Behavioral Exercise Program : A Pilot Study in Japan. <i>Acta Medica Okayama</i> , 2018, 72, 343-350.	0.2	1
15	Clinical Analysis of Analgesics and Steroids Use for Extraction of Teeth in Patients with Intellectual Disability Under General Anesthesia. <i>Open Dentistry Journal</i> , 2017, 11, 181-186.	0.5	0
16	Female Patients Require a Higher Propofol Infusion Rate for Sedation. <i>Anesthesia Progress</i> , 2016, 63, 67-70.	0.5	12
17	Effect of carbamazepine or phenytoin therapy on blood level of intravenously administered midazolam: a prospective cohort study. <i>Journal of Anesthesia</i> , 2016, 30, 166-169.	1.7	4
18	Effect of a low dose of midazolam on high blood pressure in dental patients: a randomised, double-blind, placebo-controlled, two-centre study. <i>British Journal of Oral and Maxillofacial Surgery</i> , 2016, 54, 443-448.	0.8	16

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19	Fabrication of Artificial Food Bolus for Evaluation of Swallowing. <i>PLoS ONE</i> , 2016, 11, e0168378.	2.5	7
20	Independent Predictors of Delay in Emergence From General Anesthesia. <i>Anesthesia Progress</i> , 2015, 62, 8-13.	0.5	18
21	Independent Factors Affecting Recovery Time After Sedation in Patients with Intellectual Disabilities. <i>Open Dentistry Journal</i> , 2015, 9, 146-149.	0.5	5
22	Effect of Dexmedetomidine Injected Into the Oral Mucosa in Combination With Lidocaine on Local Anesthetic Potency in Humans: A Crossover Double-Blind Study. <i>Journal of Oral and Maxillofacial Surgery</i> , 2015, 73, 616-621.	1.2	24
23	The inhibitory effect of locally injected dexmedetomidine on carrageenan-induced nociception in rats. <i>European Journal of Pharmacology</i> , 2015, 764, 215-219.	3.5	6
24	Hemodynamic Changes by Drug Interaction of Adrenaline With Chlorpromazine. <i>Anesthesia Progress</i> , 2014, 61, 150-154.	0.5	8
25	Locally Injected Dexmedetomidine Induces Vasoconstriction via Peripheral α_2 -Adrenoceptor Subtype in Guinea Pigs. <i>Regional Anesthesia and Pain Medicine</i> , 2014, 39, 133-136.	2.3	25
26	Antiallodynic Action of 1-(3-(9H-Carbazol-9-yl)-1-propyl)-4-(2-methoxyphenyl)-4-piperidinol (NNC05-2090), a Betaine/GABA Transporter Inhibitor. <i>Journal of Pharmacological Sciences</i> , 2014, 125, 217-226.	2.5	5
27	Locally Injected Dexmedetomidine Inhibits Carrageenin-Induced Inflammatory Responses in the Injected Region. <i>Anesthesia and Analgesia</i> , 2014, 118, 473-480.	2.2	33
28	Chronic orofacial pain in dental patients: retrospective investigation over 12 years. <i>Acta Medica Okayama</i> , 2014, 68, 269-75.	0.2	8
29	Features of lateral cephalograms associated with difficult laryngoscopy in Japanese children undergoing oral and maxillofacial surgery. <i>Paediatric Anaesthesia</i> , 2013, 23, 994-1001.	1.1	4
30	Low Bone Mass Is a Risk Factor in Periodontal Disease-Related Tooth Loss in Patients with Intellectual Disability. <i>Open Dentistry Journal</i> , 2013, 7, 157-161.	0.5	5
31	Extreme Tooth Abnormalities and Treatment under General Anesthesia in a Child with chronic GVHD Surviving Relapse of Acute Lymphoblastic Leukemia. <i>Journal of Clinical Pediatric Dentistry</i> , 2012, 37, 199-201.	1.0	1
32	Combination of midazolam and a cyclooxygenase-2 inhibitor inhibits lipopolysaccharide-induced interleukin-6 production in human peripheral blood mononuclear cells. <i>Immunopharmacology and Immunotoxicology</i> , 2012, 34, 79-83.	2.4	4
33	Effects of midazolam and phenobarbital on brain oxidative reactions induced by pentylene tetrazole in a convulsion model. <i>Immunopharmacology and Immunotoxicology</i> , 2012, 34, 216-221.	2.4	4
34	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. <i>Epilepsia</i> , 2012, 53, e13-e16.	5.1	18
35	Midazolam Is Associated With Delay in Recovery and Agitation After Ambulatory General Anesthesia for Dental Treatment in Patients With Disabilities: A Retrospective Cohort Study. <i>Journal of Oral and Maxillofacial Surgery</i> , 2012, 70, 1315-1320.	1.2	12
36	Liposome-encapsulated midazolam for oral administration. <i>Journal of Liposome Research</i> , 2011, 21, 166-172.	3.3	15

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37	Dental sedation for patients with intellectual disability: a prospective study of manual control versus Bispectral Index-guided target-controlled infusion of propofol. <i>Journal of Clinical Anesthesia</i> , 2011, 23, 636-642.	1.6	32
38	Allergic Reactions to Local Anesthetics in Dental Patients: Analysis of Intracutaneous and Challenge Tests. <i>Open Dentistry Journal</i> , 2011, 5, 146-149.	0.5	19
39	Propofol increases the rate of albumin-unbound free midazolam in serum albumin solution. <i>Journal of Anesthesia</i> , 2011, 25, 618-620.	1.7	14
40	Induction of apoptotic change in the rat hippocampus caused by ferric nitrilotriacetate. <i>Redox Report</i> , 2011, 16, 114-120.	4.5	0
41	Partial Laryngospasms During General Anesthesia With a Laryngeal Mask Airway for Dental Treatment: A Report of 5 Cases. <i>Journal of Oral and Maxillofacial Surgery</i> , 2010, 68, 2554-2557.	1.2	2
42	Oxidative changes in the rat brain by intraperitoneal injection of ferric nitrilotriacetate. <i>Redox Report</i> , 2009, 14, 109-114.	4.5	6
43	Oral midazolam for sedation in minor oral operations in children: A retrospective study. <i>British Journal of Oral and Maxillofacial Surgery</i> , 2008, 46, 330-331.	0.8	5
44	Dexmedetomidine Enhances the Local Anesthetic Action of Lidocaine via an α_2 -Adrenoceptor. <i>Anesthesia and Analgesia</i> , 2008, 107, 96-101.	2.2	180
45	Heme oxygenase-1 induction in the brain during lipopolysaccharide-induced acute inflammation. <i>Neuropsychiatric Disease and Treatment</i> , 2008, 4, 663.	2.2	21
46	Dental management of a patient with takotsubo cardiomyopathy: a case report. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2007, 103, e26-e29.	1.4	9
47	Peripheral N-Methyl-d-Aspartate Receptors Modulate Nonadrenergic Noncholinergic Lower Esophageal Sphincter Relaxation in Rabbits. <i>Anesthesia and Analgesia</i> , 2005, 101, 1681-1688.	2.2	18
48	Stress induces changes of internal standard genes of amygdala. <i>Molecular Brain Research</i> , 2005, 140, 133-137.	2.3	2
49	Effects of isoflurane-induced and prostaglandin E1-induced hypotension on cytokine responses to oral and maxillofacial surgery. <i>Journal of Clinical Anesthesia</i> , 2004, 16, 168-172.	1.6	2
50	Prevalence of blood pressure levels and hypertension-related diseases in Japanese dental patients. <i>Community Dental Health</i> , 2004, 21, 134-7.	0.2	4
51	Mexiletine inhibits nonadrenergic noncholinergic lower oesophageal sphincter relaxation in rabbits. <i>European Journal of Pharmacology</i> , 2003, 465, 145-151.	3.5	5
52	Management of oral surgery in patients with hereditary or acquired angioedemas: review and case report. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2003, 96, 540-543.	1.4	36
53	Suppression of the hyperpolarization-activated inward current contributes to the inhibitory actions of propofol on rat CA1 and CA3 pyramidal neurons. <i>Neuroscience Research</i> , 2003, 45, 459-472.	1.9	23
54	Ketamine and Midazolam Differentially Inhibit Nonadrenergic Noncholinergic Lower Esophageal Sphincter Relaxation in Rabbits. <i>Anesthesiology</i> , 2003, 98, 449-458.	2.5	18

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55	Sympathetic Activity-Mediated Neuropathic Facial Pain Following Simple Tooth Extraction: A Case Report. <i>Cranio - Journal of Craniomandibular Practice</i> , 2002, 20, 135-138.	1.4	17
56	Anesthetic management for advanced rheumatoid arthritis patients with acquired micrognathia undergoing temporomandibular joint replacement. <i>Journal of Oral and Maxillofacial Surgery</i> , 2002, 60, 559-566.	1.2	24
57	EFFECT OF MIDAZOLAM ON INTERLEUKIN-6 mRNA EXPRESSION IN HUMAN PERIPHERAL BLOOD MONONUCLEAR CELLS IN THE ABSENCE OF LIPOPOLYSACCHARIDE. <i>Cytokine</i> , 2001, 15, 320-327.	3.2	19
58	Propofol suppresses a hyperpolarization-activated inward current in rat hippocampal CA1 neurons. <i>Neuroscience Letters</i> , 2001, 311, 177-180.	2.1	28
59	Intravenous Anesthetics Inhibit Nonadrenergic Noncholinergic Lower Esophageal Sphincter Relaxation via Nitric Oxide-Cyclic Guanosine Monophosphate Pathway Modulation in Rabbits. <i>Anesthesiology</i> , 2001, 95, 176-183.	2.5	16
60	A Trigeminal Neuralgia-like Paroxysmal Pain Condition Presumably Due to Buccal Nerve Compression in the Temporalis Muscle. <i>Cranio - Journal of Craniomandibular Practice</i> , 2001, 19, 56-60.	1.4	9
61	Effect of intravenous infusion of an α_1 -adrenergic blocking agent on the haemodynamic changes in human masseter muscle induced by cold pressor stimulation. <i>Archives of Oral Biology</i> , 1999, 44, 319-327.	1.8	12
62	Effect of intravenous infusion of a β_2 -adrenergic blocking agent on the haemodynamic changes in human masseter muscle induced by cold-pressor stimulation. <i>Archives of Oral Biology</i> , 1999, 44, 475-483.	1.8	15
63	Elevation of plasma interleukin-6 level is involved in postoperative fever following major oral and maxillofacial surgery. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 1998, 85, 146-152.	1.4	22
64	Peripheral type benzodiazepine receptor in T lymphocyte rich preparation. <i>Life Sciences</i> , 1998, 63, 1423-1430.	4.3	11
65	Elevation of plasma interleukin-6 level in patients undergoing oral and maxillofacial surgery. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 1996, 81, 15-20.	1.4	8
66	Prevention of Postanesthetic Shivering with Intravenous Administration of Aspirin. <i>Journal of Anesthesia</i> , 1991, 5, 123-127.	1.7	3