Kentaro Ono

List of Publications by Year
in descending order

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94	1,662	331259	360668
papers	citations	21	35
		h-index	g-index

97	97	97	1714
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Cisplatin induces TRPA1-mediated mechanical allodynia in the oral mucosa. Archives of Oral Biology, 2022, 133, 105317.	0.8	1
2	Isoliquiritigenin, an active ingredient of Glycyrrhiza, elicits antinociceptive effects via inhibition of Nav channels. Naunyn-Schmiedeberg's Archives of Pharmacology, 2021, 394, 967-980.	1.4	10
3	Xerostomia aggravates ligationâ€induced periâ€implantitis: A preclinical in vivo study. Clinical Oral Implants Research, 2021, 32, 581-589.	1.9	6
4	The effect of flavor on the oral perception and palatability of viscosity in healthy human subjects. Journal of Oral Biosciences, 2021, 63, 91-96.	0.8	6
5	A Ser252Trp substitution in mouse FGFR2 results in hyperplasia of embryonic salivary gland parenchyma. Journal of Oral Biosciences, 2021, 63, 184-191.	0.8	4
6	Effects of inhalation sedation with nitrous oxide on intraoral senses. Pediatric Dental Journal, 2021, 31, 248-255.	0.3	0
7	Analgesic Mechanisms of Steroid Ointment against Oral Ulcerative Mucositis in a Rat Model. International Journal of Molecular Sciences, 2021, 22, 12600.	1.8	7
8	Vesicular nucleotide transporter mediates adenosine triphosphate release in compressed human periodontal ligament fibroblast cells and participates in tooth movement-induced nociception in rats. Archives of Oral Biology, 2020, 110, 104607.	0.8	6
9	Orthodontic force-induced oxidative stress in the periodontal tissue and dental pulp elicits nociception via activation/sensitization of TRPA1 on nociceptive fibers. Free Radical Biology and Medicine, 2020, 147, 175-186.	1.3	24
10	The effects of hyperglycaemia on peri-implant tissues after osseointegration. Journal of Prosthodontic Research, 2020, 64, 217-223.	1.1	12
11	Targeting the endothelin axis as a therapeutic strategy for oral cancer metastasis and pain. Scientific Reports, 2020, 10, 20832.	1.6	5
12	Expression of Ascorbate Peroxidase Derived from Cyanidioschyzon merolae in Mammalian Cells. In Vivo, 2020, 34, 2437-2441.	0.6	0
13	Hematogenous apoptotic mechanism in salivary glands in chronic periodontitis. Archives of Oral Biology, 2020, 117, 104775.	0.8	3
14	The Japanese herbal medicine Hangeshashinto enhances oral keratinocyte migration to facilitate healing of chemotherapy-induced oral ulcerative mucositis. Scientific Reports, 2020, 10, 625.	1.6	16
15	Association between sensory processing and dental fear among female undergraduates in Japan. Acta Odontologica Scandinavica, 2019, 77, 525-533.	0.9	6
16	Pain mechanism of oral ulcerative mucositis and the therapeutic traditional herbal medicine hangeshashinto. Journal of Oral Biosciences, 2019, 61, 12-15.	0.8	16
17	Hyposalivation due to chemotherapy exacerbates oral ulcerative mucositis and delays its healing. Archives of Oral Biology, 2019, 105, 20-26.	0.8	8
18	Endothelin-1 Elicits TRP-Mediated Pain in an Acid-Induced Oral Ulcer Model. Journal of Dental Research, 2018, 97, 901-908.	2.5	23

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19	Functional evaluation of swallowing in patients with tongue cancer before and after surgery using high-speed continuous magnetic resonance imaging based on T2-weighted sequences. Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology, 2018, 125, 88-98.	0.2	4
20	Maldevelopment of the submandibular gland in a mouse model of apert syndrome. Developmental Dynamics, 2018, 247, 1175-1185.	0.8	7
21	Anti-cancer and analgesic effects of resolvin D2 in oral squamous cell carcinoma. Neuropharmacology, 2018, 139, 182-193.	2.0	59
22	OSC16: Effects of Streptozotocin-induced Diabetes Mellitus on Peri-implantitis. Journal of Indian Prosthodontic Society, The, 2018, 18, S13-S14.	0.3	0
23	[6]-gingerol and [6]-shogaol, active ingredients of the traditional Japanese medicine hangeshashinto, relief oral ulcerative mucositis-induced pain via action on Na + channels. Pharmacological Research, 2017, 117, 288-302.	3.1	58
24	Prostanoid-dependent spontaneous pain and PAR₂-dependent mechanical allodynia following oral mucosal trauma. Molecular Pain, 2017, 13, 174480691770413.	1.0	26
25	OPRM1 Methylation Contributes to Opioid Tolerance in Cancer Patients. Journal of Pain, 2017, 18, 1046-1059.	0.7	24
26	Thirst sensation and oral dryness following alcohol intake. Japanese Dental Science Review, 2017, 53, 78-85.	2.0	12
27	Enhancement of ERK phosphorylation and photic responses in Vc/C1 neurons of a migraine model. Neuroscience Letters, 2017, 647, 14-19.	1.0	2
28	Cutaneous pigmentation modulates skin sensitivity via tyrosinase-dependent dopaminergic signalling. Scientific Reports, 2017, 7, 9181.	1.6	13
29	Alterations in opioid inhibition cause widespread nociception but do not affect anxiety-like behavior in oral cancer mice. Neuroscience, 2017, 363, 50-61.	1.1	7
30	Distinct TRPV1- and TRPA1-based mechanisms underlying enhancement of oral ulcerative mucositis-induced pain by 5-fluorouracil. Pain, 2016, 157, 1004-1020.	2.0	34
31	The traditional Japanese medicine hangeshashinto alleviates oral ulcer-induced pain in a rat model. Archives of Oral Biology, 2016, 66, 30-37.	0.8	31
32	TRPV1 expression level in isolectin B₄-positive neurons contributes to mouse strain difference in cutaneous thermal nociceptive sensitivity. Journal of Neurophysiology, 2015, 113, 3345-3355.	0.9	16
33	The ethanol metabolite acetaldehyde induces water and salt intake via two distinct pathways in the central nervous system of rats. Neuropharmacology, 2015, 99, 589-599.	2.0	5
34	Novel methods of applying direct chemical and mechanical stimulation to the oral mucosa for traditional behavioral pain assays in conscious rats. Journal of Neuroscience Methods, 2015, 239, 162-169.	1.3	27
35	Adenosine triphosphate drives head and neck cancer pain through P2X2/3 heterotrimers. Acta Neuropathologica Communications, 2014, 2, 62.	2.4	42
36	Demethylating Drugs as Novel Analgesics for Cancer Pain. Clinical Cancer Research, 2014, 20, 4882-4893.	3.2	36

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37	Can the neurovascular compression volume of the trigeminal nerve on magnetic resonance cisternography predict the success of local anesthetic block after initial treatment by the carbamazepine?. Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology, 2014, 117, e15-e21.	0.2	3
38	Changes of salivary functions in experimental periodontitis model rats. Archives of Oral Biology, 2014, 59, 125-132.	0.8	18
39	Diagnosis and Prognostic Evaluation for Xerostomia Using Dynamic MR Sialography. Current Medical Imaging, 2014, 10, 84-94.	0.4	1
40	Endothelin Receptor-mediated Responses in Trigeminal Ganglion Neurons. Journal of Dental Research, 2013, 92, 335-339.	2.5	23
41	Nerve Growth Factor Involves Mutual Interaction between Neurons and Satellite Glial Cells in the Rat Trigeminal Ganglion. Acta Histochemica Et Cytochemica, 2013, 46, 65-73.	0.8	12
42	Comparison of the electrophysiological and immunohistochemical properties of acutely dissociated and 1-day cultured rat trigeminal ganglion neurons. Neuroscience Letters, 2012, 523, 162-166.	1.0	13
43	A Rat Pain Model of Facial Cancer. Methods in Molecular Biology, 2012, 851, 149-157.	0.4	6
44	Distinct effects of cevimeline and pilocarpine on salivary mechanisms, cardiovascular response and thirst sensation in rats. Archives of Oral Biology, 2012, 57, 421-428.	0.8	10
45	Dopamine modulates neuronal excitability pre- and post-synaptically in the rat subfornical organ. Brain Research, 2012, 1447, 44-52.	1.1	6
46	Distinct time courses of microglial and astrocytic hyperactivation and the glial contribution to pain hypersensitivity in a facial cancer model. Brain Research, 2012, 1457, 70-80.	1.1	18
47	Nicotinic receptor agonist-induced salivation and its cellular mechanism in parotid acini of rats. Autonomic Neuroscience: Basic and Clinical, 2011, 161, 81-86.	1.4	10
48	Central glial activation mediates cancer-induced pain in a rat facial cancer model. Neuroscience, 2011, 180, 334-343.	1.1	26
49	Neuronal effects of neurokinin B on the rat subfornical organ. NeuroReport, 2011, 22, 374-378.	0.6	1
50	Distinct mechanisms underlie the regulation of body fluid balance by neurokinin B and angiotensin II in the rat brain. Brain Research, 2011, 1383, 179-186.	1.1	7
51	Significance of Dynamic Magnetic Resonance Sialography in Prognostic Evaluation of Saline Solution Irrigation of the Parotid Gland for the Treatment of Xerostomia. Journal of Oral and Maxillofacial Surgery, 2010, 68, 768-776.	0.5	10
52	Differences between Orofacial Inflammation and Cancer Pain. Journal of Dental Research, 2010, 89, 615-620.	2.5	26
53	Electrophysiological and Chemical Properties in Subclassified Acutely Dissociated Cells of Rat Trigeminal Ganglion by Current Signatures. Journal of Neurophysiology, 2010, 104, 3451-3461.	0.9	26
54	Isolectin B4 binding in populations of rat trigeminal ganglion cells. Neuroscience Letters, 2010, 486, 127-131.	1.0	11

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55	Differences in the Ca2+ response resulting from neurotransmitter stimulations of rat parotid acini and ducts. Autonomic Neuroscience: Basic and Clinical, 2010, 154, 102-107.	1.4	9
56	Oral Dryness and Thirst. Journal of Oral Biosciences, 2010, 52, 344-351.	0.8	3
57	Parotid salivary secretion induced by stimulation of periodontal regions with toothbrush in humans. Journal of Medical Investigation, 2009, 56, 277-277.	0.2	8
58	Small salivary gland size in patients with xerostomia of unknown etiology. Archives of Oral Biology, 2009, 54, 369-373.	0.8	6
59	Behavioral characteristics and câ€Fos expression in the medullary dorsal horn in a rat model for orofacial cancer pain. European Journal of Pain, 2009, 13, 373-379.	1.4	21
60	Proteome analysis for rat saliva. Journal of Medical Investigation, 2009, 56, 224-227.	0.2	3
61	Effects of pilocarpine and cevimeline on Ca2+ mobilization in rat parotid acini and ducts. Journal of Medical Investigation, 2009, 56, 375-375.	0.2	3
62	Ca2+ mobilization by nicotine through synaptic activation in rat parotid acini. Journal of Medical Investigation, 2009, 56, 376-376.	0.2	0
63	Intraperitoneal injection of pilocarpine activates neurons in the circumventricular organs and hypothalamus in rats. Brain Research, 2008, 1200, 51-57.	1.1	9
64	Cell subpopulations of nicotine-sensitive subfornical organ neurons in rat. Neuroscience Letters, 2008, 442, 74-76.	1.0	7
65	Nicotinic receptor subtypes in rat subfornical organ neurons and glial cells. Neuroscience, 2008, 154, 994-1001.	1.1	11
66	Dynamic magnetic resonance sialography for patients with xerostomia. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2008, 106, 115-123.	1.6	17
67	Rheological Properties of Human Saliva and Salivary Mucins. Journal of Oral Biosciences, 2008, 50, 134-141.	0.8	53
68	Central injection of galanin inhibits angiotensin II-induced responses in rats. NeuroReport, 2008, 19, 323-326.	0.6	13
69	Hypocretin-1/orexin-A activates subfornical organ neurons of rats. NeuroReport, 2008, 19, 69-73.	0.6	16
70	Effect of central nicotinic activation on drinking behavior. NeuroReport, 2008, 19, 845-849.	0.6	8
71	Functional evaluations of the parotid and submandibular glands using dynamic magnetic resonance sialography. Dentomaxillofacial Radiology, 2007, 36, 218-223.	1.3	17
72	Effects of cevimeline on salivation and thirst in conscious rats. Archives of Oral Biology, 2007, 52, 26-29.	0.8	9

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73	Relationship of chewing-stimulated whole saliva flow rate and salivary gland size. Archives of Oral Biology, 2007, 52, 427-431.	0.8	24
74	Pilocarpine-induced Salivation and Thirst in Conscious Rats. Journal of Dental Research, 2006, 85, 64-68.	2.5	18
75	Galanin inhibits neural activity in the subfornical organ in rat slice preparation. Neuroscience, 2006, 143, 769-777.	1.1	21
76	Dynamic magnetic resonance sialography as a new diagnostic technique for patients with Sjogren's syndrome. Oral Diseases, 2006, 12, 408-414.	1.5	37
77	Relationship of the unstimulated whole saliva flow rate and salivary gland size estimated by magnetic resonance image in healthy young humans. Archives of Oral Biology, 2006, 51, 345-349.	0.8	45
78	Gender difference in unstimulated whole saliva flow rate and salivary gland sizes. Archives of Oral Biology, 2006, 51, 1055-1060.	0.8	137
79	Activation of subfornical organ neurons in rats through pre- and postsynaptic Î±-adrenoceptors. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2006, 290, R1646-R1653.	0.9	6
80	Transient outward K+currents in rat dissociated subfornical organ neurones and angiotensin II effects. Journal of Physiology, 2005, 568, 979-991.	1.3	18
81	Central nicotinic stimulation reduces vascular conductance in the gingiva in anesthetized rats. Journal of Periodontal Research, 2005, 40, 67-72.	1.4	15
82	The functional evaluation of salivary glands using dynamic MR sialography following citric acid stimulation: A preliminary study. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2005, 100, 357-364.	1.6	26
83	1. Transient outward K^+ currents in rat dissociated subfornical organ neurons and angiotensin II effects. The Journal of the Kyushu Dental Society, 2005, 59, 222-223.	0.0	0
84	DAMGO Suppresses Both Excitatory and Inhibitory Synaptic Transmission in Supraoptic Neurones of Mouse Hypothalamic Slice Preparations. Journal of Neuroendocrinology, 2004, 16, 198-207.	1.2	23
85	Diversity of the muscarinic and nicotinic responses of subfornical organ neurons in rat slice preparations. Neuroscience Letters, 2004, 354, 135-138.	1.0	6
86	P-22. Relationship of thirst, dry mouth and salivary secretion. The Journal of the Kyushu Dental Society, 2004, 58, 143-144.	0.0	0
87	Activation of Muscarinic Receptors in Rat Subfornical Organ Neurones. Journal of Neuroendocrinology, 2003, 15, 770-777.	1.2	21
88	Evidence for the presence of nicotinic receptors on rat subfornical organ neurons. Autonomic Neuroscience: Basic and Clinical, 2003, 108, 87-90.	1.4	7
89	Nax channel involved in CNS sodium-level sensing. Nature Neuroscience, 2002, 5, 511-512.	7.1	161
90	Noncholinergic Actions of Atropine on GABAergic Synaptic Transmission in the Subfornical Organ of Rat Slice Preparations. Toxicology and Applied Pharmacology, 2002, 178, 180-185.	1.3	3

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91	Nax channel involved in CNS sodium-level sensing. Nature Neuroscience, 2002, 5, 511-512.	7.1	33
92	Spontaneously active GABAergic interneurons in the subfornical organ of rat slice preparations. Neuroscience Letters, 2001, 306, 45-48.	1.0	13
93	Muscarinic modulation of GABAergic transmission to neurons in the rat subfornical organ. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2001, 280, R1657-R1664.	0.9	20
94	Angiotensin II Induces Inward Currents in Subfornical Organ Neurones of Rats. Journal of Neuroendocrinology, 2001, 13, 517-523.	1.2	29