

# Yoshio Yamamoto

## List of Publications by Year in descending order

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91  
papers

1,138  
citations

430442

18  
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525886

27  
g-index

91  
all docs

91  
docs citations

91  
times ranked

1130  
citing authors

#	ARTICLE	IF	CITATIONS
1	Immunohistochemical colocalization of TREK-1, TREK-2 and TRAAK with TRP channels in the trigeminal ganglion cells. <i>Neuroscience Letters</i> , 2009, 454, 129-133.	1.0	58
2	TASK-1, TASK-2, TASK-3 and TRAAK immunoreactivities in the rat carotid body. <i>Brain Research</i> , 2002, 950, 304-307.	1.1	53
3	Altered production of nitric oxide and reactive oxygen species in rat nodose ganglion neurons during acute hypoxia. <i>Brain Research</i> , 2003, 961, 1-9.	1.1	44
4	Seasonal Changes in Subcellular Structures of Leydig and Sertoli Cells in the Japanese Black Bear, <i>Ursus thibetanus japonicus</i> .. <i>Archives of Histology and Cytology</i> , 1997, 60, 225-234.	0.2	42
5	Morphology of aging lung in F344/N rat: Alveolar size, connective tissue, and smooth muscle cell markers. <i>The Anatomical Record</i> , 2003, 272A, 538-547.	2.3	37
6	Seasonal Changes in the Immunolocalization of Steroidogenic Enzymes in the Testes of the Japanese Black Bear ( <i>Ursus thibetanus japonicus</i> ).. <i>Journal of Veterinary Medical Science</i> , 1997, 59, 521-529.	0.3	36
7	Hypoxia induces production of nitric oxide and reactive oxygen species in glomus cells of rat carotid body. <i>Cell and Tissue Research</i> , 2006, 325, 3-11.	1.5	35
8	Distribution of TRPV1 and TRPV2 immunoreactive afferent nerve endings in rat trachea. <i>Journal of Anatomy</i> , 2007, 211, 775-783.	0.9	32
9	Morphological and quantitative study of the intrinsic nerve plexuses of the canine trachea as revealed by immunohistochemical staining of protein gene product 9.5. , 1998, 250, 438-447.		28
10	Stimulation of dopamine D2-like receptors in the lumbosacral defaecation centre causes propulsive colorectal contractions in rats. <i>Journal of Physiology</i> , 2016, 594, 4339-4350.	1.3	26
11	Distribution of neurotensin-containing neurons in the central nervous system of the pigeon and the chicken. , 1996, 375, 187-211.		25
12	Calretinin Immunoreactive Nerve Endings in the Trachea and Bronchi of the Rat.. <i>Journal of Veterinary Medical Science</i> , 1999, 61, 267-269.	0.3	25
13	Age-related changes in sensory and secretomotor nerve endings in the larynx of F344/N rat. <i>Archives of Gerontology and Geriatrics</i> , 2003, 36, 173-183.	1.4	25
14	Distribution of neurotensin-containing neurons in the central nervous system of the dog. <i>Journal of Comparative Neurology</i> , 1995, 353, 67-88.	0.9	23
15	Morphology of P2X3-immunoreactive nerve endings in the rat laryngeal mucosa. <i>Histochemistry and Cell Biology</i> , 2016, 145, 131-146.	0.8	23
16	Dopamine D1 Receptor Immunoreactivity on Fine Processes of GFAP-Positive Astrocytes in the Substantia Nigra Pars Reticulata of Adult Mouse. <i>Frontiers in Neuroanatomy</i> , 2017, 11, 3.	0.9	20
17	Vagal Afferent Nerve Endings in the Trachealis Muscle of the Dog.. <i>Archives of Histology and Cytology</i> , 1994, 57, 473-480.	0.2	19
18	Morphological study of the vagal afferent nerve endings in the laryngeal mucosa of the dog. <i>Annals of Anatomy</i> , 1997, 179, 65-73.	1.0	19

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19	Calbindin D28k-immunoreactive afferent nerve endings in the laryngeal mucosa. <i>The Anatomical Record</i> , 2000, 259, 237-247.	2.3	19
20	Immunolocalization of VR1 and VRL1 in rat larynx. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2005, 117, 62-65.	1.4	19
21	Differences in respiratory changes and Fos expression in the ventrolateral medulla of rats exposed to hypoxia, hypercapnia, and hypercapnic hypoxia. <i>Respiratory Physiology and Neurobiology</i> , 2015, 215, 64-72.	0.7	19
22	Short-term Hypoxia Increases Tyrosine Hydroxylase Immunoreactivity in Rat Carotid Body. <i>Journal of Histochemistry and Cytochemistry</i> , 2010, 58, 839-846.	1.3	18
23	Immunohistochemical localization of tryptophan hydroxylase and serotonin transporter in the carotid body of the rat. <i>Histochemistry and Cell Biology</i> , 2013, 140, 147-155.	0.8	18
24	Cellular distribution of oxygen sensor candidates?Oxidases, cytochromes, K <sup>+</sup> -channels?in the carotid body. <i>Microscopy Research and Technique</i> , 2002, 59, 234-242.	1.2	16
25	Glutamate- and GABA-mediated neuron-satellite cell interaction in nodose ganglia as revealed by intracellular calcium imaging. <i>Histochemistry and Cell Biology</i> , 2010, 134, 13-22.	0.8	16
26	Vesicular glutamate transporter 2-immunoreactive afferent nerve terminals in the carotid body of the rat. <i>Cell and Tissue Research</i> , 2014, 358, 271-275.	1.5	16
27	Nerve plexuses in the trachea and extrapulmonary bronchi of the rat. <i>Archives of Histology and Cytology</i> , 2004, 67, 41-55.	0.2	15
28	Immunohistochemical analysis for G protein in the olfactory organs of soft-shelled turtle, <i>Pelodiscus sinensis</i> . <i>Journal of Veterinary Medical Science</i> , 2016, 78, 245-250.	0.3	15
29	Apocrine sweat glands in the circumanal glands of the dog. , 1998, 252, 403-412.		14
30	Immunohistochemical localization of carbonic anhydrase isozymes in the rat carotid body. <i>Journal of Anatomy</i> , 2003, 202, 573-577.	0.9	14
31	Sympathetic and sensory innervation of small intensely fluorescent (SIF) cells in rat superior cervical ganglion. <i>Cell and Tissue Research</i> , 2015, 359, 441-451.	1.5	14
32	Three-dimensional architectures of P2X2-/P2X3-immunoreactive afferent nerve terminals in the rat carotid body as revealed by confocal laser scanning microscopy. <i>Histochemistry and Cell Biology</i> , 2016, 146, 479-488.	0.8	14
33	Increased total volume and dopamine $\beta$ -hydroxylase immunoreactivity of carotid body in spontaneously hypertensive rats. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2012, 169, 49-55.	1.4	13
34	Serotonergic projections to the ventral respiratory column from raphe nuclei in rats. <i>Neuroscience Research</i> , 2019, 143, 20-30.	1.0	13
35	Specific Anti-peptide Antibody to $\beta$ Subunit of Chicken Thyrotropin: Production and Characterization. <i>Journal of Reproduction and Development</i> , 2002, 48, 197-204.	0.5	13
36	Localization of Neuropeptides in Endocrine Cells of the Chicken Thymus.. <i>Journal of Veterinary Medical Science</i> , 1997, 59, 601-603.	0.3	12

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37	Circumanal glands of the dog: A new classification and cell degeneration. , 1998, 250, 251-267.		11
38	Laryngeal endocrine cells: topographic distribution and adaptation to chronic hypercapnic hypoxia. Histochemistry and Cell Biology, 2000, 114, 277-282.	0.8	11
39	Heterogeneous expression of TASK-3 and TRAAK in rat paraganglionic cells. Histochemistry and Cell Biology, 2003, 120, 335-339.	0.8	11
40	Differential Expression of Histochemical Characteristics in the Developing Olfactory Receptor Cells in a Flatfish, Barfin Flounder ( <i>Verasper moseri</i> ). Journal of Veterinary Medical Science, 2004, 66, 1609-1611.	0.3	11
41	Morphology and chemical characteristics of subepithelial laminar nerve endings in the rat epiglottic mucosa. Histochemistry and Cell Biology, 2012, 138, 25-39.	0.8	11
42	Short-term Hypoxia Transiently Increases Dopamine $\beta$ -Hydroxylase Immunoreactivity in Glomus Cells of the Rat Carotid Body. Journal of Histochemistry and Cytochemistry, 2013, 61, 55-62.	1.3	11
43	Tenascin-C Expression in Equine Tendon-derived Cells During Proliferation and Migration. Journal of Equine Science, 2013, 24, 17-23.	0.2	11
44	Immunohistochemical localization of dopamine D2 receptor in the rat carotid body. Acta Histochemica, 2015, 117, 784-789.	0.9	11
45	Morphological study on the olfactory systems of the snapping turtle, <i>Chelydra serpentina</i> . Tissue and Cell, 2016, 48, 145-151.	1.0	11
46	Topographic distribution of serotonin-immunoreactive urethral endocrine cells and their relationship with calcitonin gene-related peptide-immunoreactive nerves in male rats. Acta Histochemica, 2017, 119, 78-83.	0.9	11
47	Morphogenesis of the Olfactory Pit in a Flatfish, Barfin Flounder ( <i>Verasper moseri</i> ). Journal of Veterinary Medical Science, 2004, 66, 1275-1278.	0.3	10
48	Immunohistochemical Distribution of Inwardly Rectifying K <sup>+</sup> Channels in the Medulla Oblongata of the Rat. Journal of Veterinary Medical Science, 2008, 70, 265-271.	0.3	10
49	Sympathetic regulation of vascular tone via noradrenaline and serotonin in the rat carotid body as revealed by intracellular calcium imaging. Brain Research, 2015, 1596, 126-135.	1.1	10
50	Neurochemical markers in the nervous plexus of the canine glottis. Journal of the Autonomic Nervous System, 1998, 71, 111-119.	1.9	8
51	Expression of ENaC subunits in sensory nerve endings in the rat larynx. Neuroscience Letters, 2006, 402, 227-232.	1.0	8
52	Morphology of <i>GNAT3</i> -immunoreactive chemosensory cells in the rat larynx. Journal of Anatomy, 2019, 234, 149-164.	0.9	8
53	Vesicular nucleotide transporter-immunoreactive type I cells associated with P2X <sub>3</sub> -immunoreactive nerve endings in the rat carotid body. Journal of Comparative Neurology, 2020, 528, 1486-1501.	0.9	8
54	Morphology of P2X <sub>3</sub> -immunoreactive nerve endings in the rat tracheal mucosa. Journal of Comparative Neurology, 2018, 526, 550-566.	0.9	8

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55	Pathology of Interdigital Glands in a Wild Japanese Serow ( <i>Capricornis crispus</i> ) Infected with Parapoxvirus.. <i>Journal of Veterinary Medical Science</i> , 1997, 59, 1063-1065.	0.3	7
56	Serotonin-mediated modulation of hypoxia-induced intracellular calcium responses in glomus cells isolated from rat carotid body. <i>Neuroscience Letters</i> , 2015, 597, 149-153.	1.0	7
57	&lt;small&gt;L&lt;/small&gt;-Lysine Attenuates Hepatic Steatosis in Senescence-Accelerated Mouse Prone 8 Mice. <i>Journal of Nutritional Science and Vitaminology</i> , 2018, 64, 192-199.	0.2	7
58	Neurotensin-Containing Endocrine Cells and Neurotensin Receptor mRNA-Expressing Epithelial Cells in the Chicken Thymus.. <i>Archives of Histology and Cytology</i> , 1996, 59, 197-203.	0.2	6
59	Distribution and morphology of baroreceptors in the rat carotid sinus as revealed by immunohistochemistry for P2X3 purinoceptors. <i>Histochemistry and Cell Biology</i> , 2019, 151, 161-173.	0.8	6
60	Olecranon Lesions Caused by <i>Onchocerca skrjabini</i> in Wild Japanese Serows ( <i>Capricornis crispus</i> ).. <i>Journal of Veterinary Medical Science</i> , 1997, 59, 387-390.	0.3	5
61	Innervation of NADPH diaphorase-containing neurons correlated with acetylcholinesterase, tyrosine hydroxylase, and neuropeptides in the pigeon cloaca. <i>Journal of Anatomy</i> , 2001, 198, 181-188.	0.9	5
62	Differences in tyrosine hydroxylase expression after short-term hypoxia, hypercapnia or hypercapnic hypoxia in rat carotid body. <i>Respiratory Physiology and Neurobiology</i> , 2010, 173, 95-100.	0.7	5
63	Localization of eNOS in the Olfactory Epithelium of the Rat. <i>Journal of Veterinary Medical Science</i> , 2011, 73, 423-430.	0.3	5
64	GABA-mediated modulation of ATP-induced intracellular calcium responses in nodose ganglion neurons of the rat. <i>Neuroscience Letters</i> , 2015, 584, 168-172.	1.0	5
65	Immunohistochemical characterization of brush cells in the rat larynx. <i>Journal of Molecular Histology</i> , 2018, 49, 63-73.	1.0	5
66	Expression of Fos protein in brainstem after application of l-menthol to the rat nasal mucosa. <i>Neuroscience Letters</i> , 2008, 435, 246-250.	1.0	4
67	Hypoxia-induced increases in serotonin-immunoreactive nerve fibers in the medulla oblongata of the rat. <i>Acta Histochemica</i> , 2016, 118, 806-817.	0.9	4
68	Morphology and chemical characteristics of taste buds associated with P2X3-immunoreactive afferent nerve endings in the rat incisive papilla. <i>Journal of Anatomy</i> , 2022, 240, 688-699.	0.9	4
69	Structure of the perilobular sheath of the deep proventricular gland of the chicken: presence and possible role of myofibroblasts. <i>Cell and Tissue Research</i> , 1996, 285, 109-117.	1.5	3
70	Age-related changes in immunoreactivity for dopamine $\beta$ -hydroxylase in carotid body glomus cells in spontaneously hypertensive rats. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2017, 205, 50-56.	1.4	3
71	Immunohistochemical analysis of the development of olfactory organs in two species of turtles <i>Pelodiscus sinensis</i> and <i>Mauremys reevesii</i> . <i>Acta Histochemica</i> , 2018, 120, 806-813.	0.9	3
72	Vesicular glutamate transporter 2-immunoreactive afferent nerve terminals in rat carotid sinus baroreceptors. <i>Acta Histochemica</i> , 2020, 122, 151469.	0.9	3

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73	Distribution of pH regulators in the rat laryngeal nerve: the spatial relationship between Na <sup>+</sup> /HCO <sub>3</sub> <sup>-</sup> cotransporters and Na <sup>+</sup> /H <sup>+</sup> exchanger type 3. <i>Neuroscience Letters</i> , 2004, 368, 127-129.	1.0	2
74	Morphological Development and Expression of Neurotrophin Receptors in the Laryngeal Sensory Corpuscles. <i>Anatomical Record</i> , 2011, 294, 694-705.	0.8	2
75	Short-term hypoxia increases phosphorylated tyrosine hydroxylase at Ser31 and Ser40 in rat carotid body. <i>Respiratory Physiology and Neurobiology</i> , 2013, 185, 543-546.	0.7	2
76	Transient appearance of the epithelial invagination in the olfactory pit of chick embryos. <i>Journal of Veterinary Medical Science</i> , 2015, 77, 89-93.	0.3	2
77	Serotonin-mediated modulation of acetylcholine-induced intracellular calcium responses in chromaffin cells isolated from the rat adrenal medulla. <i>Neuroscience Letters</i> , 2017, 644, 114-120.	1.0	2
78	Multicoding in neural information transfer suggested by mathematical analysis of the frequency-dependent synaptic plasticity in vivo. <i>Scientific Reports</i> , 2020, 10, 13974.	1.6	2
79	Immunolocalization of Tandem Pore Domain K <sup>+</sup> Channels in the Rat Carotid Body. , 2006, 580, 9-14.		2
80	Morphology of the Glomerular Nerve Endings in the Dorsal Nasal Ligament of the Dog.. <i>Archives of Histology and Cytology</i> , 2000, 63, 467-472.	0.2	1
81	Parvalbumin in cortical epithelial cells of the pigeon thymus. <i>Journal of Anatomy</i> , 2000, 196, 305-311.	0.9	1
82	Time-dependent changes in cardiorespiratory functions of anesthetized rats exposed to sustained hypoxia. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2018, 212, 1-9.	1.4	1
83	Distribution and morphology of $\text{P2X}_3$ -immunoreactive subserosal afferent nerve endings in the rat gastric antrum. <i>Journal of Comparative Neurology</i> , 2021, 529, 2014-2028.	0.9	1
84	GluN2A- and GluN2B-immunoreactive type I cells attached to vesicular glutamate transporter 2-immunoreactive afferent nerve terminals of the rat carotid body. <i>Histochemistry and Cell Biology</i> , 2021, 155, 719-726.	0.8	1
85	Morphology of GNAT3-immunoreactive chemosensory cells in the nasal cavity and pharynx of the rat. <i>Journal of Anatomy</i> , 2021, 239, 290-306.	0.9	1
86	Differences in the expression of catecholamine-synthesizing enzymes between vesicular monoamine transporter 1- and 2-immunoreactive glomus cells in the rat carotid body. <i>Acta Histochemica</i> , 2020, 122, 151507.	0.9	1
87	Immunohistochemical distribution of proteins involved in glutamate release in subepithelial sensory nerve endings of rat epiglottis. <i>Histochemistry and Cell Biology</i> , 2022, 157, 51-63.	0.8	1
88	Distribution of recesses in the olfactory organ of African lungfish &Protopterus aethiopicus&. <i>Journal of Veterinary Medical Science</i> , 2022, , .	0.3	1
89	Morphological characterization of brush cells in the rat trachea. <i>Tissue and Cell</i> , 2020, 66, 101399.	1.0	0
90	Morphology of $\text{P2X}_3$ -immunoreactive basket-like afferent nerve endings surrounding serosal ganglia and close relationship with vesicular nucleotide transporter-immunoreactive nerve fibers in the rat gastric antrum. <i>Journal of Comparative Neurology</i> , 2021, 529, 3866-3881.	0.9	0

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91	Effects of CO2 on time-dependent changes in cardiorespiratory functions under sustained hypoxia. Respiratory Physiology and Neurobiology, 2022, 300, 103886.	0.7	0