

Ii-sei Watanabe

List of Publications by Year in descending order

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115
papers

1,299
citations

430442

18
h-index

500791

28
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116
all docs

116
docs citations

116
times ranked

1553
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural and Ultrastructural Changes in the Tongue of mdx Mice. <i>Microscopy and Microanalysis</i> , 2022, , 1-8.	0.2	1
2	Structural and Ultrastructural Characteristics of the Spix's Yellow-Toothed Cavy (<i>Galea spixii</i>). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50</i>	0.2	1
3	Structural and ultrastructural characterization of the palatine epithelium of the Guinea pig: A new record of telocytes in the oral cavity. <i>Microscopy Research and Technique</i> , 2021, 84, 1621-1627.	1.2	3
4	Ecomorphological, space, and mineral relations of dermal denticles in angular angel shark (<sc><i>Squatina guggenheim</i></sc>). <i>Microscopy Research and Technique</i> , 2021, 84, 2017-2023.	1.2	3
5	Structural and Ultrastructural Characteristics of the Red-Rumped Agouti (<i>Dasyprocta</i>). <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50</i>	0.2	4
6	Myotendinous Junction Components of Different Skeletal Muscles Present Morphological Changes in Obese Rats. <i>Microscopy and Microanalysis</i> , 2021, 27, 598-603.	0.2	4
7	Aquatic Training after Joint Immobilization in Rats Promotes Adaptations in Myotendinous Junctions. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6983.	1.8	5
8	Morphological Changes in the Myotendinous Junction of mdx Mice. <i>Microscopy and Microanalysis</i> , 2021, 27, 1290-1294.	0.2	4
9	Antibacterial and antifungal activity of crude and freeze-dried bacteriocin-like inhibitory substance produced by <i>Pediococcus pentosaceus</i> . <i>Scientific Reports</i> , 2020, 10, 12291.	1.6	18
10	Myotendinous junction adaptations to ladder-based resistance training: identification of a new telocyte niche. <i>Scientific Reports</i> , 2020, 10, 14124.	1.6	15
11	Morphological and ultrastructural characteristics of the tongue of wild boar. <i>European Journal of Histochemistry</i> , 2020, 64, .	0.6	5
12	Repercussions on sarcomeres of the myotendinous junction and the myofibrillar type adaptations in response to different trainings on vertical ladder. <i>Microscopy Research and Technique</i> , 2020, 83, 1190-1197.	1.2	10
13	Beneficial effects of benzodiazepine on masticatory muscle dysfunction induced by chronic stress and occlusal instability in an experimental animal study. <i>Scientific Reports</i> , 2020, 10, 8787.	1.6	5
14	A new insight of Platelet-Rich Fibrin clots morphology and their elemental composition. <i>Tissue and Cell</i> , 2020, 65, 101362.	1.0	1
15	Protective Malaria Vaccine in Mice Based on the Plasmodium vivax Circumsporozoite Protein Fused with the Mumps Nucleocapsid Protein. <i>Vaccines</i> , 2020, 8, 190.	2.1	14
16	Structural and ultrastructural characteristics of the tongue of the Collared Peccary (<i>Pecari tajacu</i>). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50</i>	0.3	8
17	Effects of physical training on sarcomere lengths and muscle-tendon interface of the cervical region in an experimental model of menopause. <i>European Journal of Histochemistry</i> , 2019, 63, .	0.6	15
18	Application of a Purified Protein From Natural Latex and the Influence of Suture Type on Achilles Tendon Repair in Rats. <i>American Journal of Sports Medicine</i> , 2019, 47, 901-914.	1.9	6

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19	Growth factors expression and ultrastructural morphology after application of low-level laser and natural latex protein on a sciatic nerve crush-type injury. PLoS ONE, 2019, 14, e0210211.	1.1	14
20	Morphological characteristics of the papillae and lingual epithelium of guinea pig (<i>Cavia</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702 T	0.6	12
21	Myotendinous junction plasticity in aged ovariectomized rats submitted to aquatic training. Microscopy Research and Technique, 2018, 81, 816-822.	1.2	14
22	Morphological Characterization of the Myenteric Plexus of the Ileum and Distal colon of Dogs Affected by Muscular Dystrophy. Anatomical Record, 2018, 301, 673-685.	0.8	3
23	Photobiomodulation induces antinociception, recovers structural aspects and regulates mitochondrial homeostasis in peripheral nerve of diabetic mice. Journal of Biophotonics, 2018, 11, e201800110.	1.1	8
24	Morphological and Cellular Characterization of the Fetal Canine (<i>Canis lupus familiaris</i>) Subventricular Zone, Rostral Migratory Stream, and Olfactory Bulb. Anatomical Record, 2018, 301, 1570-1584.	0.8	5
25	Morphologic Characteristics of the Submandibular Salivary Gland of the Collared Peccary (<i>Tayassu</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 0,2	0.2	14
26	Calorie restriction promotes cardiolipin biosynthesis and distribution between mitochondrial membranes. Mechanisms of Ageing and Development, 2017, 162, 9-17.	2.2	21
27	Neuropeptide expression and morphometric differences in crushed alveolar inferior nerve of rats: Effects of photobiomodulation. Lasers in Medical Science, 2017, 32, 833-840.	1.0	14
28	Lipofuscin Generated by UVA Turns Keratinocytes Photosensitive to Visible Light. Journal of Investigative Dermatology, 2017, 137, 2447-2450.	0.3	28
29	Angioarchitecture and morphology of temporomandibular joint of <i>Monodelphis domestica</i> . Microscopy Research and Technique, 2016, 79, 806-813.	1.2	0
30	Structural and Ultrastructural Characteristics of Bone-Tendon Junction of the Calcaneal Tendon of Adult and Elderly Wistar Rats. PLoS ONE, 2016, 11, e0153568.	1.1	26
31	Effects of aging on the architecture of the ileocecal junction in rats. World Journal of Gastrointestinal Pharmacology and Therapeutics, 2016, 7, 416.	0.6	3
32	The neural elements in the lining of the ventricular-subventricular zone: making an old story new by high-resolution scanning electron microscopy. Frontiers in Neuroanatomy, 2015, 9, 134.	0.9	5
33	Properties of the tibialis anterior muscle after treatment with laser therapy and natural latex protein following sciatic nerve crush. Muscle and Nerve, 2015, 52, 869-875.	1.0	12
34	Morphometric and high resolution scanning electron microscopy analysis of low-level laser therapy and latex protein (<i>Hevea brasiliensis</i>) administration following a crush injury of the sciatic nerve in rats. Journal of the Neurological Sciences, 2015, 349, 129-137.	0.3	18
35	ISDN2014_0246: The heterogeneity of cell elements on lining epithelia of periventricular neurogenic niche, in Long Evans rats. International Journal of Developmental Neuroscience, 2015, 47, 73-73.	0.7	0
36	Neural mobilization promotes nerve regeneration by nerve growth factor and myelin protein zero increased after sciatic nerve injury. Growth Factors, 2015, 33, 8-13.	0.5	42

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37	Genotoxicity, potential cytotoxicity and cell uptake of titanium dioxide nanoparticles in the marine fish <i>Trachinotus carolinus</i> (Linnaeus, 1766). <i>Aquatic Toxicology</i> , 2015, 158, 218-229.	1.9	75
38	Three-Dimensional Aspects of the Lingual Papillae and Their Connective Tissue Cores in the Tongue of Rats: A Scanning Electron Microscope Study. <i>Scientific World Journal</i> , The, 2014, 2014, 1-6.	0.8	21
39	Ultrastructure and Light Microscope Analysis of Intact Skin after a Varying Number of Low Level Laser Irradiations in Mice. <i>BioMed Research International</i> , 2014, 2014, 1-8.	0.9	3
40	Efferent projections of the suprachiasmatic nucleus based on the distribution of vasoactive intestinal peptide (VIP) and arginine vasopressin (AVP) immunoreactive fibers in the hypothalamus of <i>Sapajus apella</i> . <i>Journal of Chemical Neuroanatomy</i> , 2014, 57-58, 42-53.	1.0	16
41	Adaptive morphology of the heart of Southern Fur Seal (<i>Arctocephalus australis</i>)	0.6	10
42	Morphological and morphometric analyses of crushed sciatic nerves after application of a purified protein from natural latex and hyaluronic acid hydrogel. <i>Growth Factors</i> , 2014, 32, 164-170.	0.5	20
43	Variation of mechanical properties and quantitative proteomics of VSMC along the arterial tree. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2014, 306, H505-H516.	1.5	49
44	The low-level laser and natural latex protein applied on the sciatic nerve crushed: morphometric and scanning electron microscopy study (726.11). <i>FASEB Journal</i> , 2014, 28, 726.11.	0.2	0
45	Zymographic and ultrastructural evaluations after low-level laser irradiation on masseter muscle of HRS/J strain mice. <i>Lasers in Medical Science</i> , 2013, 28, 777-783.	1.0	13
46	Structural characterization of the capybara (<i>Hydrochaeris hydrochaeris</i>) tongue by light, scanning, and transmission electron microscopy. <i>Microscopy Research and Technique</i> , 2013, 76, 141-155.	1.2	18
47	Morphometric, quantitative, and three-dimensional analysis of the heart muscle fibers of old rats: Transmission electron microscopy and high-resolution scanning electron microscopy methods. <i>Microscopy Research and Technique</i> , 2013, 76, 184-195.	1.2	22
48	Structural and ultrastructural features of the agouti tongue (<i>Dasypus aguti</i>)	0.9	31
49	Application of a Low-Level Laser Therapy and the Purified Protein from Natural Latex (<i>Hevea</i>) Quantitative, and Ultrastructural Study. <i>BioMed Research International</i> , 2013, 2013, 1-11.	0.9	12
50	Immunohistochemistry and ultrastructural characteristics of nerve endings in the oral mucosa of rat. <i>Microscopy (Oxford, England)</i> , 2013, 62, 259-270.	0.7	4
51	Three-dimensional aspects of the structural characteristics and kidney angioarchitecture of adult and aged wistar rats: A scanning electron microscopy study. <i>Microscopy Research and Technique</i> , 2013, 76, 538-544.	1.2	8
52	Fine Structure of Bacterial Adhesion to the Epithelial Cell Membranes of the Filiform Papillae of Tongue and Palatine Mucosa of Rodents: A Morphometric, TEM, and HRSEM Study. <i>Microscopy Research and Technique</i> , 2013, 76, 1226-1233.	1.2	12
53	Avaliação da endotelização de hastas de stents em artérias ilíacas de coelhos. <i>Arquivos Brasileiros De Cardiologia</i> , 2012, 99, 1123-1128.	0.3	1
54	Ultrastructural features of the myotendinous junction of the sternomastoid muscle in Wistar rats: From newborn to aging. <i>Microscopy Research and Technique</i> , 2012, 75, 1292-1296.	1.2	19

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55	Qualitative study of young, adult, and aged wistar rats temporomandibular synovial membrane employing light, scanning, and transmission electron microscopy. <i>Microscopy Research and Technique</i> , 2012, 75, 1522-1527.	1.2	5
56	Effects of low-level laser irradiation in ultrastructural morphology, and immunoexpression of VEGF and VEGFR-2 of rat masseter muscle. <i>Micron</i> , 2012, 43, 237-244.	1.1	41
57	Fine structure of myotendinous junction between the anterior belly of the digastric muscle and intermediate tendon in adults rats. <i>Micron</i> , 2012, 43, 258-262.	1.1	11
58	Light and Scanning Electron Microscopic Study of the Tongue in the Estuarine Dolphin (<i>Sotalia</i>) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	0.3	10
59	Histochemical and ultrastructural changes of sternomastoid muscle in aged wistar rats. <i>Micron</i> , 2011, 42, 871-876.	1.1	17
60	Ultrastructure of submandibular salivary glands of mouse: TEM and HRSEM observations. <i>Microscopy Research and Technique</i> , 2011, 74, 1154-1160.	1.2	14
61	Ultrastructure of the myotendinous junction of the medial pterygoid muscle of adult and aged Wistar rats. <i>Micron</i> , 2010, 41, 1011-1014.	1.1	26
62	Low-Level Laser Intensity Application in Masseter Muscle for Treatment Purposes. <i>Photomedicine and Laser Surgery</i> , 2010, 28, S-31-S-35.	2.1	8
63	Ultrastructural Aspects of Female Aging Wistar Rat Epithelium Tongue: A HRSEM and TEM Study. <i>Gerontology</i> , 2009, 55, 442-448.	1.4	5
64	Ultrastructure of motor nerve terminals in the anterior third of wistar rat tongue. <i>Microscopy Research and Technique</i> , 2009, 72, 464-470.	1.2	5
65	Ultrastructural analysis of the low level laser therapy effects on the lesioned anterior tibial muscle in the Gerbil. <i>Micron</i> , 2009, 40, 413-418.	1.1	40
66	Histological and histochemical effects after occlusion alteration in suprahyoid muscles. <i>Micron</i> , 2009, 40, 239-246.	1.1	6
67	Ultrastructural characteristics of the gerbil pterygoid medial muscle after experimental occlusal alteration. <i>Micron</i> , 2009, 40, 206-211.	1.1	7
68	Fine Structure of the Dorsal Surface of Ostrich's (<i>Struthio camelus</i>) Tongue. <i>Zoological Science</i> , 2009, 26, 153-156.	0.3	24
69	Nerve endings of filliform, fungiform and vallate papillae of dorsal tongue mucosa of White-lipped peccary (<i>Tayassu pecari</i>): Neurohistological observations. <i>Pesquisa Veterinaria Brasileira</i> , 2009, 29, 281-285.	0.5	8
70	Ultrastructural and biochemical changes of the medial pterygoid muscle induced by unilateral exodontia. <i>Micron</i> , 2008, 39, 536-543.	1.1	15
71	Morphological and histological effects on the medial pterygoid muscle after unilateral exodontia in gerbils. <i>Micron</i> , 2008, 39, 785-790.	1.1	9
72	Effect of unilateral extraction of molar teeth on suprahyoid muscles: Macroscopic and ultrastructural aspects. <i>Micron</i> , 2008, 39, 1111-1118.	1.1	8

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73	In vitro safety assessment of papain on human skin: A qualitative Light and Transmission Electron Microscopy (TEM) study. BJPS: Brazilian Journal of Pharmaceutical Sciences, 2008, 44, 151-156.	0.5	4
74	Tensile bond strength and SEM analysis of enamel etched with Er:YAG laser and phosphoric acid: a comparative study In vitro. Brazilian Dental Journal, 2008, 19, 57-61.	0.5	37
75	Glândula submandibular de ratos com envelhecimento: observações ao microscópio eletrônico de varredura de alta resolução. Pesquisa Veterinária Brasileira, 2007, 27, 501-505.	0.5	1
76	Ultrastructure of the adhesion of bacteria to the epithelial cell membrane of three-day postnatal rat tongue mucosa: a transmission and high-resolution scanning electron microscopic study. Brazilian Dental Journal, 2007, 18, 320-323.	0.5	3
77	Mecanorreceptores da mucosa palatina de avestruz (Struthio camelus): estudo ao microscópio de luz. Pesquisa Veterinária Brasileira, 2007, 27, 491-494.	0.5	3
78	Angioarchitecture of the anterior and medium parts of the palatine mucosa of the gerbil, Meriones unguiculatus. Annals of Anatomy, 2006, 188, 55-59.	1.0	1
79	Three-dimensional characteristics of submandibular salivary gland of ageing rats: An HRSEM study. Annals of Anatomy, 2006, 188, 431-438.	1.0	7
80	Ultraestrutura da adesão de bactérias na membrana celular da mucosa lingual de camundongos jovens. Brazilian Journal of Veterinary Research and Animal Science, 2006, 43, 81.	0.2	1
81	Transmission Electron Microscopy Study of the Neonatal Rat Tongue Mucosa Treated with Special Attention to the Bacteriae on the Epithelial Cell Membrane. International Journal of Morphology, 2006, 24, .	0.1	5
82	Morphometric and High Resolution Scanning Electron Microscopy Study of Calomys callosus Major Palatine Nerve. International Journal of Morphology, 2005, 23, 13.	0.1	1
83	Dentin Evaluation after Nd:YAG Laser Irradiation Using Short and Long Pulses. Photomedicine and Laser Surgery, 2004, 22, 43-50.	1.1	16
84	Ultrastructures of mechanoreceptors in the oral mucosa. Kaibogaku Zasshi Journal of Anatomy, 2004, 79, 55-61.	1.2	30
85	Effect of cadmium on the floor of the mouth on rats during lactation. Brazilian Oral Research, 2004, 18, 105-109.	0.6	4
86	Optothermal transfer simulation in laser-irradiated human dentin. Journal of Biomedical Optics, 2003, 8, 298.	1.4	10
87	Effect of pulsed Nd:YAG on dentin morphological changes. , 2002, , .		0
88	Mathematical simulation of the thermal diffusion in dentine irradiated with Nd:YAG laser using finite difference method. , 2002, 4610, 67.		0
89	Structure and microstructure of coronary dentin in non-erupted human deciduous incisor teeth. Brazilian Dental Journal, 2002, 13, 170-174.	0.5	7
90	Coronal dentinal tubules of non-erupted deciduous incisors. Pesquisa Odontologica Brasileira = Brazilian Oral Research, 2002, 16, 12-17.	0.3	4

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91	Fine structure of the 7 postnatal days <i>Calomys callosus</i> palatine salivary glands. <i>Annals of Anatomy</i> , 2002, 184, 347-351.	1.0	3
92	Light and scanning electron microscopic studies of the angioarchitecture of intrinsic muscle fibers of the anterior rat tongue.. <i>Journal of Oral Science</i> , 2001, 43, 269-275.	0.7	5
93	Corrosion casts of young rabbit palatine mucosa angioarchitecture. <i>Annals of Anatomy</i> , 2000, 182, 529-531.	1.0	9
94	Angioarchitecture of Palatine Mucosa of Young Rabbits : A Sem Study of Vascular Corrosion Casts. <i>Microscopy and Microanalysis</i> , 1999, 5, 1206-1207.	0.2	0
95	Angioarchitectural arrangements in corrosion cast of the nasal septum of the mongolian gerbil. <i>Annals of Anatomy</i> , 1999, 181, 545-548.	1.0	4
96	Three-dimensional angioarchitecture of tongue corrosion casts from normal young rats. <i>Annals of Anatomy</i> , 1998, 180, 327-330.	1.0	9
97	Comparative study of CO ₂ and Nd:YAG laser on dentin layer of human root canals of permanent teeth utilizing scanning electron microscopy. , 1998, 3248, 214.		0
98	Light and Scanning Electron Microscopic Study of the Palatine Mucosa of Nine-Banded Armadillo (<i>Dasyus novemcinctus</i>). <i>European Journal of Morphology</i> , 1998, 36, 97-104.	1.4	10
99	Scanning electron microscopy study of the interface epithelium-connective tissue surface of the lingual mucosa in <i>Calomys callosus</i> . <i>Annals of Anatomy</i> , 1997, 179, 45-48.	1.0	9

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109	Fine Structure of Lamellated Nerve Endings in the Gingiva of Man and the Cebus Apella Monkcey. Okajimas Folia Anatomica Japonica, 1982, 59, 181-197.	1.2	11
110	Changes in Structure of the Facial Bones after Experimental Fracture and Displacement of the Zygomatic Bone in the Tufted Capuchin (Cebus apella) by Means of Radiography, the Split-line Technique, and Scanning Electron Microscopy. Okajimas Folia Anatomica Japonica, 1982, 59, 321-335.	1.2	3
111	Radiographic Changes in the Trabecular Pattern of the Mandibular Ramus Following Masseterectomy in Growing Monkeys (Cebus apella). Journal of Dental Research, 1977, 56, 543-543.	2.5	7
112	Innervation of the Palatine Mucous Membrane in the <i>Cebus apella</i> Monkey. Tohoku Journal of Experimental Medicine, 1977, 123, 215-220.	0.5	3
113	Split-line patterns of the mandible following masseterectomy in adult and growing monkeys. American Journal of Physical Anthropology, 1977, 47, 41-45.	2.1	10
114	Anatomical data on the intracranial venous drainage of the tufted capuchin, Cebus apella linnaeus, 1758. The Anatomical Record, 1975, 183, 589-598.	2.3	5
115	Superficial venous arrangement of the face and neck of the tufted capuchin, Cebus apella linnaeus, 1758. Journal of Morphology, 1973, 140, 397-404.	0.6	4