

Yoshiteru Seo

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,995
citations

840776

11
h-index

552781

26
g-index

31
all docs

31
docs citations

31
times ranked

2733
citing authors

#	ARTICLE	IF	CITATIONS
1	Cardiac function of the deep-sea bivalve, <i>Calyptogena okutanii</i> , observed at atmospheric pressure via magnetic resonance imaging. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2022, 186, 103826.	1.4	1
2	The kidney of the <i>Nodularia</i> freshwater mussel has a larger filtration-size and counter-current system with improved water excretion compared with the seawater mussel <i>Mytilus</i> . <i>Biology Open</i> , 2021, 10, .	1.2	0
3	Rat mandibular condyle and fossa grew separately then unified as a single joint at 20 days old, which was the weaning age. <i>Journal of Oral Science</i> , 2020, 62, 197-201.	1.7	1
4	Size-selective filtration of the atrial wall estimated from the accumulation of tracers in the kidney of the mussel <i>Mytilus galloprovincialis</i> . <i>Journal of Experimental Biology</i> , 2019, 222, .	1.7	1
5	Roles of Keber's valve and foot chamber for foot manipulation in the clam <i>Nodularia douglasiae</i> . <i>Biology Open</i> , 2018, 8, .	1.2	3
6	Accumulation and excretion of manganese ion in the kidney of the <i>Mytilus galloprovincialis</i> . <i>Journal of Experimental Biology</i> , 2018, 221, .	1.7	4
7	A portable infrared photoplethysmograph: heartbeat of <i>Mytilus galloprovincialis</i> analyzed by MRI and application to <i>Bathymodiolus septemdiemum</i> . <i>Biology Open</i> , 2016, 5, 1752-1757.	1.2	14
8	Structure and Size-selective Permeability of the Synovial Membrane of the Temporomandibular Joint of the Mouse Measured by MR Imaging at 7T. <i>Magnetic Resonance in Medical Sciences</i> , 2015, 14, 115-122.	2.0	2
9	Magnetic resonance imaging analysis of water flow in the mantle cavity of live <i>Mytilus galloprovincialis</i> . <i>Journal of Experimental Biology</i> , 2014, 217, 2277-2287.	1.7	17
10	Mn-citrate and Mn-HIDA: intermediate-affinity chelates for manganese-enhanced MRI. <i>Contrast Media and Molecular Imaging</i> , 2013, 8, 140-146.	0.8	4
11	Testing the constant-volume hypothesis by magnetic resonance imaging of the mussel heart in the <i>Mytilus galloprovincialis</i> . <i>Journal of Experimental Biology</i> , 2013, 217, 964-73.	1.7	10
12	Roles of AQP5/AQP5-G103D in carbamylcholine-induced volume decrease and in reduction of the activation energy for water transport by rat parotid acinar cells. <i>Pflugers Archiv European Journal of Physiology</i> , 2012, 464, 375-389.	2.8	10
13	Magnetic resonance imaging of the temporomandibular joint in the rat compared with low-powered light microscopy. <i>Archives of Oral Biology</i> , 2011, 56, 1382-1389.	1.8	8
14	Lateral diffusion of manganese in the rat brain determined by T1 relaxation time measured by 1H MRI. <i>Journal of Physiological Sciences</i> , 2011, 61, 259-266.	2.1	1
15	Mn-bicine: A low affinity chelate for manganese ion enhanced MRI. <i>Magnetic Resonance in Medicine</i> , 2011, 65, 1005-1012.	3.0	10
16	Sequence of forebrain activation induced by intraventricular injection of hypertonic NaCl detected by Mn ²⁺ contrasted T1-weighted MRI. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2004, 113, 43-54.	2.8	22
17	Size-selective loosening of the blood-brain barrier in claudin-5-deficient mice. <i>Journal of Cell Biology</i> , 2003, 161, 653-660.	5.2	1,557
18	Detection of hypothalamic activation by manganese ion contrasted T1-weighted magnetic resonance imaging in rats. <i>Neuroscience Letters</i> , 2002, 326, 101-104.	2.1	39

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19	Water permeability of capillaries in the subfornical organ of rats determined by Gd-enhanced 1H magnetic resonance imaging. <i>Journal of Physiology</i> , 2002, 545, 217-228.	2.9	14
20	Effects of pCO ₂ on the CSF Turnover Rate in Rats Monitored by Gd-DTPA Enhanced T1-Weighted Magnetic Resonance Imaging.. <i>The Japanese Journal of Physiology</i> , 2001, 51, 555-562.	0.9	11
21	Multiquantum filters and order in tissues. <i>NMR in Biomedicine</i> , 2001, 14, 112-132.	2.8	139
22	Anisotropic and restricted diffusion of water in the sciatic nerve: A2H double-quantum-filtered NMR study. <i>Magnetic Resonance in Medicine</i> , 1999, 42, 461-466.	3.0	21
23	1H double-quantum-filtered MR imaging as a new tool for assessment of healing of the ruptured Achilles tendon. <i>Magnetic Resonance in Medicine</i> , 1999, 42, 884-889.	3.0	24
24	Proton double-quantum filtered MRI—A new method for imaging ordered tissues. <i>Magnetic Resonance in Medicine</i> , 1998, 40, 720-726.	3.0	36
25	31P-NMR study of dog submandibular gland in vivo and in vitro using the Topical Magnetic Resonance.. <i>The Japanese Journal of Physiology</i> , 1985, 35, 729-740.	0.9	10
26	Effects of Na ⁺ depletion on fluid secretion and levels of phosphorus compounds as measured by 31P-NMR in perfused canine mandibular gland.. <i>The Japanese Journal of Physiology</i> , 1984, 34, 587-597.	0.9	8
27	In vivo 31P-NMR studies on aerobic recovery of frog muscle following tetanus.. <i>The Japanese Journal of Physiology</i> , 1984, 34, 927-931.	0.9	1
28	A 1H-nuclear magnetic resonance study on lactate and intracellular pH in frog muscle.. <i>The Japanese Journal of Physiology</i> , 1983, 33, 721-731.	0.9	24
29	NMR Imaging of Rigid Biological Tissues. , 0, , 445-457.		3
30	Fast MR Imaging of Esophageal Motility. , 0, , 395-401.		0