

Ryusuke Nakai

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

588
citations

687363

13
h-index

610901

24
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32
all docs

32
docs citations

32
times ranked

1161
citing authors

#	ARTICLE	IF	CITATIONS
1	A 12-week Physical and Cognitive Exercise Program Can Improve Cognitive Function and Neural Efficiency in Community-dwelling Older Adults: A Randomized Controlled Trial. <i>Journal of the American Geriatrics Society</i> , 2015, 63, 1355-1363.	2.6	149
2	Causal relationship between effective connectivity within the default mode network and mind-wandering regulation and facilitation. <i>NeuroImage</i> , 2016, 133, 21-30.	4.2	63
3	Gender Differences in Brain Activation During Encoding and Recognition of Male and Female Faces. <i>Brain Imaging and Behavior</i> , 2010, 4, 55-67.	2.1	45
4	Development of New Nerve Guide Tube for Repair of Long Nerve Defects. <i>Tissue Engineering - Part C: Methods</i> , 2009, 15, 387-402.	2.1	44
5	Somatotopy of corticospinal tract in the internal capsule shown by functional MRI and diffusion tensor images. <i>NeuroReport</i> , 2007, 18, 665-668.	1.2	36
6	A DNA hybridization system for labeling of neural stem cells with SPIO nanoparticles for MRI monitoring post-transplantation. <i>Biomaterials</i> , 2015, 54, 158-167.	11.4	28
7	Recognition and reading aloud of kana and kanji word: An fMRI study. <i>Brain Research Bulletin</i> , 2009, 78, 232-239.	3.0	27
8	In vivo structural analysis of articular cartilage using diffusion tensor magnetic resonance imaging. <i>Magnetic Resonance Imaging</i> , 2009, 27, 1242-1248.	1.8	23
9	Labeling of islet cells with iron oxide nanoparticles through DNA hybridization for highly sensitive detection by MRI. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 7175-7181.	3.0	20
10	MRI analysis of structural changes in skeletal muscles and surrounding tissues following long-term walking exercise with training equipment. <i>Journal of Applied Physiology</i> , 2008, 105, 958-963.	2.5	18
11	Analysis of the mandibular movement by simultaneous multisection continuous ultrafast MRI. <i>Magnetic Resonance Imaging</i> , 2009, 27, 423-433.	1.8	16
12	Differential activation of the striatum for decision making and outcomes in a monetary task with gain and loss. <i>Cortex</i> , 2010, 46, 2-14.	2.4	16
13	Neural Correlates of Working Memory Maintenance in Advanced Aging: Evidence From fMRI. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 358.	3.4	16
14	A Pre-targeting Strategy for MR Imaging of Functional Molecules Using Dendritic Gd-Based Contrast Agents. <i>Molecular Imaging and Biology</i> , 2011, 13, 1196-1203.	2.6	14
15	Brain activation during visual working memory correlates with behavioral mobility performance in older adults. <i>Frontiers in Aging Neuroscience</i> , 2015, 7, 186.	3.4	13
16	Preparation of an Au-Pt alloy free from artifacts in magnetic resonance imaging. <i>Magnetic Resonance Imaging</i> , 2017, 44, 38-45.	1.8	10
17	Development of a high-precision image-processing automatic measurement system for MRI visceral fat images acquired using a binomial RF-excitation pulse. <i>Magnetic Resonance Imaging</i> , 2010, 28, 520-526.	1.8	8
18	Fear of negative evaluation is associated with altered brain function in nonclinical subjects. <i>Psychiatry Research - Neuroimaging</i> , 2015, 234, 362-368.	1.8	8

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19	Prefrontal Plasticity after a 3-Month Exercise Intervention in Older Adults Relates to Enhanced Cognitive Performance. <i>Cerebral Cortex</i> , 2021, 31, 4501-4517.	2.9	7
20	Brain activity associated with the rubber foot illusion. <i>Neuroscience Letters</i> , 2020, 721, 134820.	2.1	6
21	Age- and sex-related differences of muscle cross-sectional area in iliocapsularis: a cross-sectional study. <i>BMC Geriatrics</i> , 2022, 22, 435.	2.7	6
22	Impact of Surface Potential on Apatite Formation in Ti Alloys Subjected to Acid and Heat Treatments. <i>Materials</i> , 2017, 10, 1127.	2.9	4
23	Effects of sequential winning vs. losing on subsequent gambling behavior: analysis of empirical data from casino baccarat players. <i>International Gambling Studies</i> , 2021, 21, 103-118.	2.1	4
24	Uncemented Total Hip Replacement Stem Loosening after Long Term Compressive Stress Application: A Simulated FEA Study of Cortical Bone Remodeling. <i>JSME International Journal Series C-Mechanical Systems Machine Elements and Manufacturing</i> , 2004, 47, 1079-1085.	0.3	2
25	Neural Representations of Death in the Cortical Midline Structures Promote Temporal Discounting. <i>Cerebral Cortex Communications</i> , 2021, 2, tgab013.	1.6	2
26	Dual-phase Au-Pt alloys free from magnetic susceptibility artifacts in magnetic resonance imaging. <i>Magnetic Resonance Imaging</i> , 2022, 85, 19-27.	1.8	2
27	Development of a dynamic imaging method for gravitropism in pea sprouts using clinical magnetic resonance imaging system. <i>Plant Biotechnology</i> , 2020, 37, 437-442.	1.0	1
28	Computational Evaluation of the Effects of Bone Ingrowth on Bone Resorptive Remodeling after a Cementless Total Hip Arthroplasty. <i>JSME International Journal Series C-Mechanical Systems Machine Elements and Manufacturing</i> , 2006, 49, 135-143.	0.3	0
29	How does the protein content of CSF affect for DWI thermometry?: Initial results of phantom and subarachnoid hemorrhage patient study. , 2014, , .		0
30	316 A Bone Remodeling Simulation around Hip Implants. <i>The Proceedings of the Bioengineering Conference Annual Meeting of BED/JSME</i> , 2006, 2005.18, 169-170.	0.0	0
31	An Atlas-based Whole-brain Fiber-tracking Method with Automatic Setting of an Optimal Starting Plane in all Parcels. <i>Neuroscience and Biomedical Engineering</i> , 2018, 06, .	0.4	0