

Akira Matsushita

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

573
citations

759233

12
h-index

642732

23
g-index

33
all docs

33
docs citations

33
times ranked

1063
citing authors

#	ARTICLE	IF	CITATIONS
1	The Modifying of Functional Connectivity Induced by Peripheral Nerve Field Stimulation Using Electroacupuncture for Migraine: A Prospective Clinical Study. <i>Pain Medicine</i> , 2022, 23, 1560-1569.	1.9	8
2	Voluntary ambulation using voluntary upper limb muscle activity and Hybrid Assistive Limb® (HAL®) in a patient with complete paraplegia due to chronic spinal cord injury: A case report. <i>Journal of Spinal Cord Medicine</i> , 2019, 42, 460-468.	1.4	4
3	Clinical Effect of C2 Peripheral Nerve Field Stimulation Using Electroacupuncture for Primary Headache. <i>Neuromodulation</i> , 2018, 21, 793-796.	0.8	10
4	Reply to Gronwald et al.: Exercise intensity does indeed matter; maximal oxygen uptake is the gold-standard indicator. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E11892-E11893.	7.1	5
5	White matter diffusion abnormalities in migraine and medication overuse headache: A 1.5-T tract-based spatial statistics study. <i>Clinical Neurology and Neurosurgery</i> , 2018, 174, 167-173.	1.4	22
6	Rapid stimulation of human dentate gyrus function with acute mild exercise. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 10487-10492.	7.1	118
7	The voluntary driven exoskeleton Hybrid Assistive Limb (HAL) for postoperative training of thoracic ossification of the posterior longitudinal ligament: a case report. <i>Journal of Spinal Cord Medicine</i> , 2017, 40, 361-367.	1.4	29
8	Active elbow flexion is possible in C4 quadriplegia using hybrid assistive limb (HAL®) technology: A case study. <i>Journal of Spinal Cord Medicine</i> , 2017, 40, 456-462.	1.4	18
9	A brain phantom for motion-corrected PROPELLER showing image contrast and construction similar to those of in vivo MRI. <i>Magnetic Resonance Imaging</i> , 2017, 36, 32-39.	1.8	8
10	Quantitative Assessment of Head Motion toward Functional Magnetic Resonance Imaging during Stepping. <i>Magnetic Resonance in Medical Sciences</i> , 2016, 15, 273-280.	2.0	0
11	Muscle activity during gait-like motion provided by MRI compatible lower-extremity motion simulator. <i>Advanced Robotics</i> , 2016, 30, 459-475.	1.8	4
12	MRI Compatible Lower-extremity Motion Simulator: LoMS. <i>Journal of the Robotics Society of Japan</i> , 2015, 33, 115-123.	0.1	0
13	A 3D nanofibrous hydrogel and collagen sponge scaffold promotes locomotor functional recovery, spinal repair, and neuronal regeneration after complete transection of the spinal cord in adult rats. <i>Biomedical Materials (Bristol)</i> , 2015, 10, 015008.	3.3	29
14	Variability in amplitude and stimulation threshold values in motor evoked potential (MEP) monitoring during the resection of brain lesions. <i>Clinical Neurophysiology</i> , 2015, 126, 1271-1278.	1.5	12
15	Effects of a Low-Volume Aerobic-Type Interval Exercise on $\dot{V}O_2\max$ and Cardiac Mass. <i>Medicine and Science in Sports and Exercise</i> , 2014, 46, 42-50.	0.4	95
16	Low-volume, high-intensity, aerobic interval exercise for sedentary adults: $\dot{V}O_2\max$, cardiac mass, and heart rate recovery. <i>European Journal of Applied Physiology</i> , 2014, 114, 1963-1972.	2.5	49
17	Development of an MR-compatible sensory stimulation device which provides pin and brush stimulations. <i>Transactions of the JSME (in Japanese)</i> , 2014, 80, DR0028-DR0028.	0.2	0
18	Safety and Ethical Issues in the Development of Human Assistive Robots. , 2014, , 299-313.		2

#	ARTICLE	IF	CITATIONS
19	Electroneurophysiology and Brain Functional Imaging for Brain-Machine-Interface. , 2014, , 267-286.		0
20	Language Areas Involving the Inferior Temporal Cortex on Intraoperative Mapping in a Bilingual Patient With Glioblastoma. Neurologia Medico-Chirurgica, 2013, 53, 256-258.	2.2	6
21	Elevated diffusion anisotropy in gray matter and the degree of brain compression. Journal of Neurosurgery, 2012, 117, 363-371.	1.6	19
22	Pilot study of floor-reactive-force generator mounted on MRI compatible lower-extremity motion simulator. , 2012, , .		3
23	Stepwise process of clinical trials in safety-conscious development of human assistive robots. , 2011, , .		2
24	æ®µésŹçš,,ã*è†`â°Šè© é““ãf—ãfã,»ã,1ã«ã,ã,ã°æ”~æ°ãžãfãfœãfãfãf^é—ç™ã°ææ;^ . Journal of the Robotics Society of Japan, 2011, , .		
25	Evaluation of ventriculomegaly using diffusion tensor imaging: correlations with chronic hydrocephalus and atrophy. Journal of Neurosurgery, 2010, 112, 832-839.	1.6	40
26	Diffusion Tensor Imaging in Patients With Adult Chronic Idiopathic Hydrocephalus. Neurosurgery, 2010, 67, E1474-E1474.	1.1	5
27	Mild Encephalitis/Encephalopathy With a Reversible Splenial Lesion: Evaluation by Diffusion Tensor Imaging -Three Case Reports-. Neurologia Medico-Chirurgica, 2010, 50, 1118-1122.	2.2	24
28	Towards a guideline for clinical trials in the development of human assistive robots. , 2010, , .		4
29	T2 corrected quantification method of l-p-boronophenylalanine using proton magnetic resonance spectroscopy for boron neutron capture therapy. Applied Radiation and Isotopes, 2009, 67, S345-S347.	1.5	2
30	Long-term outcome of patients with intracranial germinoma. Journal of Neuro-Oncology, 2007, 83, 71-79.	2.9	35
31	Persistent primitive otic artery with IC-cavernous aneurysm. Journal of Clinical Neuroscience, 2003, 10, 113-115.	1.5	16