

Shigeru Obayashi

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

227
citations

1307594

7
h-index

996975

15
g-index

18
all docs

18
docs citations

18
times ranked

265
citing authors

#	ARTICLE	IF	CITATIONS
1	The effects of electromyography-controlled functional electrical stimulation on upper extremity function and cortical perfusion in stroke patients. <i>Clinical Neurophysiology</i> , 2013, 124, 2008-2015.	1.5	101
2	Numerical study on jet-wake vortex interaction of aircraft configuration. <i>Aerospace Science and Technology</i> , 2017, 70, 615-625.	4.8	23
3	Hypofrontal activity during word retrieval in older adults: A near-infrared spectroscopy study. <i>Neuropsychologia</i> , 2013, 51, 418-424.	1.6	17
4	Repetitive peripheral magnetic stimulation improves severe upper limb paresis in early acute phase stroke survivors. <i>NeuroRehabilitation</i> , 2020, 46, 569-575.	1.3	17
5	Frontal dynamic activity as a predictor of cognitive dysfunction after pontine ischemia. <i>NeuroRehabilitation</i> , 2019, 44, 251-261.	1.3	12
6	The Supplementary Motor Area Responsible for Word Retrieval Decline After Acute Thalamic Stroke Revealed by Coupled SPECT and Near-Infrared Spectroscopy. <i>Brain Sciences</i> , 2020, 10, 247.	2.3	12
7	Flow characteristics around extremely low fineness-ratio circular cylinders. <i>Physical Review Fluids</i> , 2021, 6, .	2.5	12
8	Upper limb recovery in early acute phase stroke survivors by coupled EMG-triggered and cyclic neuromuscular electrical stimulation. <i>NeuroRehabilitation</i> , 2020, 46, 417-422.	1.3	8
9	Direct Numerical Simulation of Gas-Particle Flows with Particle-Wall Collisions Using the Immersed Boundary Method. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 2387.	2.5	6
10	Cognitive and linguistic dysfunction after thalamic stroke and recovery process: possible mechanism. <i>AIMS Neuroscience</i> , 2021, 9, 1-11.	2.3	6
11	Introduction of 1-m MSBS in Tohoku University, New Device for Aerodynamics Measurements of the Sports Equipment. <i>Proceedings (mdpi)</i> , 2018, 2, .	0.2	4
12	Flow Behavior Caused by Air Permeability of Ski Jumping Suit Fabric. <i>Proceedings (mdpi)</i> , 2020, 49, 109.	0.2	3
13	A comparator-based constraint handling technique for evolutionary algorithms. <i>AIP Advances</i> , 2022, 12, 055229.	1.3	2
14	Aeroacoustic characteristics of multi-directional wing under the wing-in-ground effect. <i>Physics of Fluids</i> , 2022, 34, .	4.0	2
15	Measurement of the Aerodynamic Forces Acting on a Non-Spinning Javelin Using an MSBS. <i>Proceedings (mdpi)</i> , 2020, 49, 144.	0.2	1
16	Neuromuscular Stimulation as an Intervention Tool for Recovery from Upper Limb Paresis after Stroke and the Neural Basis. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 810.	2.5	1
17	Effect of Camber on Badminton Shuttlecock. <i>Proceedings (mdpi)</i> , 2018, 2, .	0.2	0