

Young-Jin Jung

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

811
citations

623574

14
h-index

526166

27
g-index

50
all docs

50
docs citations

50
times ranked

1203
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of an SSVEP-based BCI spelling system adopting a QWERTY-style LED keyboard. <i>Journal of Neuroscience Methods</i> , 2012, 208, 59-65.	1.3	225
2	COMETS: A MATLAB toolbox for simulating local electric fields generated by transcranial direct current stimulation (tDCS). <i>Biomedical Engineering Letters</i> , 2013, 3, 39-46.	2.1	86
3	COMETS2: An advanced MATLAB toolbox for the numerical analysis of electric fields generated by transcranial direct current stimulation. <i>Journal of Neuroscience Methods</i> , 2017, 277, 56-62.	1.3	62
4	Localization and propagation analysis of ictal source rhythm by electrocorticography. <i>NeuroImage</i> , 2010, 52, 1279-1288.	2.1	35
5	Localization of ictal onset zones in Lennox-Gastaut syndrome using directional connectivity analysis of intracranial electroencephalography. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2011, 20, 449-457.	0.9	32
6	Causal influence of epileptic network during spike-and-wave discharge in juvenile myoclonic epilepsy. <i>Epilepsy Research</i> , 2014, 108, 257-266.	0.8	30
7	Estimation of directional coupling between cortical areas using Near-Infrared Spectroscopy (NIRS). <i>Optics Express</i> , 2010, 18, 5730.	1.7	29
8	Evaluation of Algorithms for Intracranial EEG (iEEG) Source Imaging of Extended Sources: Feasibility of Using iEEG Source Imaging for Localizing Epileptogenic Zones in Secondary Generalized Epilepsy. <i>Brain Topography</i> , 2011, 24, 91-104.	0.8	28
9	Tongue strengthening exercise is effective in improving the oropharyngeal muscles associated with swallowing in community-dwelling older adults in South Korea. <i>Medicine (United States)</i> , 2019, 98, e17304.	0.4	24
10	An image-guided transcranial direct current stimulation system: a pilot phantom study. <i>Physiological Measurement</i> , 2013, 34, 937-950.	1.2	21
11	Effects of game-based chin tuck against resistance exercise vs head-lift exercise in patients with dysphagia after stroke: An assessor-blind, randomized controlled trial. <i>Journal of Rehabilitation Medicine</i> , 2019, 51, 749-754.	0.8	19
12	A multi-day and multi-band dataset for a steady-state visual-evoked potential-based brain-computer interface. <i>GigaScience</i> , 2019, 8, .	3.3	18
13	Effects of lingual strength training on oropharyngeal muscles in South Korean adults. <i>Journal of Oral Rehabilitation</i> , 2019, 46, 1036-1041.	1.3	16
14	Design and Evaluation of a MEMS Magnetic Field Sensor-Based Respiratory Monitoring and Training System for Radiotherapy. <i>Sensors</i> , 2018, 18, 2742.	2.1	15
15	Effects of chewing exercises on the occlusal force and masseter muscle thickness in community-dwelling Koreans aged 65 years and older: A randomised assessor-blind trial. <i>Journal of Oral Rehabilitation</i> , 2020, 47, 1103-1109.	1.3	15
16	A Novel Method Using Kinesiology Taping for the Activation of Suprahyoid Muscles in Healthy Adults: A Preliminary Research. <i>Dysphagia</i> , 2020, 35, 636-642.	1.0	13
17	An EEG-based real-time cortical functional connectivity imaging system. <i>Medical and Biological Engineering and Computing</i> , 2011, 49, 985-995.	1.6	11
18	Depth-dependent cerebral hemodynamic responses following Direct Cortical Electrical Stimulation (DCES) revealed by in vivo dual-optical imaging techniques. <i>Optics Express</i> , 2012, 20, 6932.	1.7	11

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19	Effect of Dysphagia Rehabilitation Using Kinesiology Taping on Oropharyngeal Muscle Hypertrophy in Post-Stroke Patients: A Double Blind Randomized Placebo-Controlled Trial. <i>Healthcare (Switzerland)</i> , 2020, 8, 411.	1.0	10
20	Localization of ictal onset zones in Lennox-Gastaut syndrome (LGS) based on information theoretical time delay analysis of intracranial electroencephalography (iEEG). <i>Epilepsy Research</i> , 2012, 99, 78-86.	0.8	9
21	Game-based hand resistance exercise versus traditional manual hand exercises for improving hand strength, motor function, and compliance in stroke patients: A multi-center randomized controlled study. <i>NeuroRehabilitation</i> , 2019, 45, 221-227.	0.5	9
22	Immediate effects of kinesiology tape on the pain and gait function in older adults with knee osteoarthritis. <i>Medicine (United States)</i> , 2019, 98, e17880.	0.4	9
23	A Novel Singular Value Decomposition-Based Denoising Method in 4-Dimensional Computed Tomography of the Brain in Stroke Patients with Statistical Evaluation. <i>Sensors</i> , 2020, 20, 3063.	2.1	9
24	Localization of epileptogenic zones in Lennox-Gastaut syndrome using frequency domain source imaging of intracranial electroencephalography: a preliminary investigation. <i>Physiological Measurement</i> , 2013, 34, 247-263.	1.2	8
25	Effect of tongue-strengthening training combined with a tablet personal computer game in healthy adults. <i>Journal of Oral Rehabilitation</i> , 2020, 47, 606-612.	1.3	8
26	Functional near-infrared imaging reconstruction based on spatiotemporal features: venous occlusion studies. <i>Applied Optics</i> , 2015, 54, D82.	2.1	6
27	Radiation Safety in Videofluoroscopic Swallowing Study: Systematic Review. <i>Dysphagia</i> , 2021, 36, 73-82.	1.0	6
28	Selective position of individual cells without lysis on a circular window array using dielectrophoresis in a microfluidic device. <i>Microfluidics and Nanofluidics</i> , 2017, 21, 1.	1.0	6
29	An improved technique to consider mismatches between fMRI and EEG/MEG sources for fMRI constrained EEG/MEG source imaging. <i>Biomedical Engineering Letters</i> , 2011, 1, 32-41.	2.1	5
30	OptoNet: a MATLAB-based toolbox for cortical network analyses using functional near-infrared spectroscopy. <i>Optical Engineering</i> , 2019, 59, 1.	0.5	5
31	Dynamic Computed Tomography based on Spatio-temporal Analysis in Acute Stroke: Preliminary Study. <i>Bangsaseon Gisul Gwahak</i> , 2016, 39, 543-547.	0.1	5
32	A new multimodal cortical source imaging algorithm for integrating simultaneously recorded EEG and MEG. <i>Inverse Problems in Science and Engineering</i> , 2013, 21, 1074-1089.	1.2	4
33	Singular Value Decomposition based Noise Reduction Technique for Dynamic PET Image : Preliminary study. <i>Bangsaseon Gisul Gwahak</i> , 2016, 39, 227-236.	0.1	4
34	Mathematical Issues in the Inference of Causal Interactions among Multichannel Neural Signals. <i>Journal of Applied Mathematics</i> , 2012, 2012, 1-14.	0.4	3
35	OptoNet II: An Advanced MATLAB-Based Toolbox for Functional Cortical Connectivity Analysis With Surrogate Tests Using fNIRS. <i>IEEE Access</i> , 2021, 9, 15983-15991.	2.6	3
36	Effect of Transcranial Direct Current Stimulation Combined with Rehabilitation on Arm and Hand Function in Stroke Patients: A Systematic Review and Meta-Analysis. <i>Healthcare (Switzerland)</i> , 2021, 9, 1705.	1.0	3

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37	Extraction of qEEG Variables to Diagnose Early Dementia. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2007, 2007, 4115-8.	0.5	2
38	Localization of ictal onset zones in Lennox-Gastaut syndrome using directed transfer function method. , 2011, 2011, 5020-3.		2
39	Effect of Neuromuscular Electrical Stimulation on Masseter Muscle Thickness and Maximal Bite Force among Healthy Community-Dwelling Persons Aged 65 Years and Older: A Randomized, Double Blind, Placebo-Controlled Study. International Journal of Environmental Research and Public Health, 2020, 17, 3783.	1.2	2
40	Implementation of a Novel, Integrative Approach for Optical 3D Positional Tracking towards Accurate Co-registered Imaging Using Hand-Held Optical Imagers. , 2013, , .		1
41	Hemodynamic Activity and Connectivity of the Prefrontal Cortex by Using Functional Near-Infrared Spectroscopy during Color-Word Interference Test in Korean and English Language. Brain Sciences, 2020, 10, 484.	1.1	1
42	The Use of Magnetic Resonance Imaging (MRI) and Other Imaging Modalities in Diagnosing and Monitoring Diabetic Foot. Journal of Magnetics, 2018, 23, 559-569.	0.2	1
43	Simultaneous NIRS and kinematics study of planning and execution of motor skill task: towards cerebral palsy rehabilitation. , 2013, , .		0
44	Portable wide-field hand-held NIR scanner. Proceedings of SPIE, 2013, , .	0.8	0
45	Investigation of Planning and Execution of Motor Skills in Healthy Adults using Simultaneous Near Infrared Spectroscopy and Kinematics Study. , 2013, , .		0
46	The effect of multi-frequency whole-body vibration on night-shifted mouse model. Sleep and Biological Rhythms, 2018, 16, 387-398.	0.5	0
47	Development of a transcranial direct current stimulation (tDCS) device based on polarity interchangeable electrodes. Technology and Health Care, 2020, 28, 311-319.	0.5	0
48	Spatio-Temporal Hemodynamic Imaging using a with Non-contact NIR scanner. , 2014, , .		0