

# Young-Jin Jung

## List of Publications by Year in descending order

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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	Radiation Safety in Videofluoroscopic Swallowing Study: Systematic Review. <i>Dysphagia</i> , 2021, 36, 73-82.	1.0	6
2	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
3	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
4	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
5	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
6	Hemodynamic Activity and Connectivity of the Prefrontal Cortex by Using Functional Near-Infrared Spectroscopy during Color-Word Interference Test in Korean and English Language. <i>Brain Sciences</i> , 2020, 10, 484.	1.1	1
7	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
8	Development of a transcranial direct current stimulation (tDCS) device based on polarity interchangeable electrodes. <i>Technology and Health Care</i> , 2020, 28, 311-319.	0.5	0
9	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. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 3783.	1.2	2
10	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
11	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
12	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
13	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
14	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
15	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
16	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
17	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
18	OptoNet: a MATLAB-based toolbox for cortical network analyses using functional near-infrared spectroscopy. <i>Optical Engineering</i> , 2019, 59, 1.	0.5	5

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19	The effect of multi-frequency whole-body vibration on night-shifted mouse model. <i>Sleep and Biological Rhythms</i> , 2018, 16, 387-398.	0.5	0
20	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
21	The Use of Magnetic Resonance Imaging (MRI) and Other Imaging Modalities in Diagnosing and Monitoring Diabetic Foot. <i>Journal of Magnetics</i> , 2018, 23, 559-569.	0.2	1
22	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
23	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
24	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
25	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
26	Functional near-infrared imaging reconstruction based on spatiotemporal features: venous occlusion studies. <i>Applied Optics</i> , 2015, 54, D82.	2.1	6
27	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
28	Spatio-Temporal Hemodynamic Imaging using a with Non-contact NIR scanner. , 2014, , .		0
29	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
30	Implementation of a Novel, Integrative Approach for Optical 3D Positional Tracking towards Accurate Co-registered Imaging Using Hand-Held Optical Imagers. , 2013, , .		1
31	An image-guided transcranial direct current stimulation system: a pilot phantom study. <i>Physiological Measurement</i> , 2013, 34, 937-950.	1.2	21
32	Simultaneous NIRS and kinematics study of planning and execution of motor skill task: towards cerebral palsy rehabilitation. , 2013, , .		0
33	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
34	Portable wide-field hand-held NIR scanner. <i>Proceedings of SPIE</i> , 2013, , .	0.8	0
35	Investigation of Planning and Execution of Motor Skills in Healthy Adults using Simultaneous Near Infrared Spectroscopy and Kinematics Study. , 2013, , .		0
36	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

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37	Mathematical Issues in the Inference of Causal Interactions among Multichannel Neural Signals. Journal of Applied Mathematics, 2012, 2012, 1-14.	0.4	3
38	Depth-dependent cerebral hemodynamic responses following Direct Cortical Electrical Stimulation (DCES) revealed by in vivo dual-optical imaging techniques. Optics Express, 2012, 20, 6932.	1.7	11
39	Localization of ictal onset zones in Lennox-Gastaut syndrome (LGS) based on information theoretical time delay analysis of intracranial electroencephalography (iEEG). Epilepsy Research, 2012, 99, 78-86.	0.8	9
40	Development of an SSVEP-based BCI spelling system adopting a QWERTY-style LED keyboard. Journal of Neuroscience Methods, 2012, 208, 59-65.	1.3	225
41	Localization of ictal onset zones in Lennox-Gastaut syndrome using directional connectivity analysis of intracranial electroencephalography. Seizure: the Journal of the British Epilepsy Association, 2011, 20, 449-457.	0.9	32
42	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. Brain Topography, 2011, 24, 91-104.	0.8	28
43	An improved technique to consider mismatches between fMRI and EEG/MEG sources for fMRI constrained EEG/MEG source imaging. Biomedical Engineering Letters, 2011, 1, 32-41.	2.1	5
44	An EEG-based real-time cortical functional connectivity imaging system. Medical and Biological Engineering and Computing, 2011, 49, 985-995.	1.6	11
45	Localization of ictal onset zones in Lennox-Gastaut syndrome using directed transfer function method. , 2011, 2011, 5020-3.		2
46	Localization and propagation analysis of ictal source rhythm by electrocorticography. NeuroImage, 2010, 52, 1279-1288.	2.1	35
47	Estimation of directional coupling between cortical areas using Near-Infrared Spectroscopy (NIRS). Optics Express, 2010, 18, 5730.	1.7	29
48	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