

Jeonghee Kim

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

632
citations

840776

11
h-index

940533

16
g-index

29
all docs

29
docs citations

29
times ranked

509
citing authors

#	ARTICLE	IF	CITATIONS
1	Cell phone based balance trainer. Journal of NeuroEngineering and Rehabilitation, 2012, 9, 10.	4.6	111
2	The Tongue Enables Computer and Wheelchair Control for People with Spinal Cord Injury. Science Translational Medicine, 2013, 5, 213ra166.	12.4	96
3	A Wireless Magneto-resistive Sensing System for an Intraoral Tongue-Computer Interface. IEEE Transactions on Biomedical Circuits and Systems, 2012, 6, 571-585.	4.0	65
4	Evaluation of a Smartphone Platform as a Wireless Interface Between Tongue Drive System and Electric-Powered Wheelchairs. IEEE Transactions on Biomedical Engineering, 2012, 59, 1787-1796.	4.2	55
5	Challenges, tasks, and opportunities in teleoperation of excavator toward human-in-the-loop construction automation. Automation in Construction, 2022, 135, 104119.	9.8	45
6	Assessment of the Tongue-Drive System Using a Computer, a Smartphone, and a Powered-Wheelchair by People With Tetraplegia. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2016, 24, 68-78.	4.9	44
7	A Dual-Mode Human Computer Interface Combining Speech and Tongue Motion for People with Severe Disabilities. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2013, 21, 979-991.	4.9	36
8	Quantitative and Comparative Assessment of Learning in a Tongue-Operated Computer Input Device—Part II: Navigation Tasks. IEEE Transactions on Information Technology in Biomedicine, 2012, 16, 633-643.	3.2	29
9	Qualitative assessment of Tongue Drive System by people with high-level spinal cord injury. Journal of Rehabilitation Research and Development, 2014, 51, 451-466.	1.6	25
10	A Wearable System for Attenuating Essential Tremor Based on Peripheral Nerve Stimulation. IEEE Journal of Translational Engineering in Health and Medicine, 2020, 8, 1-11.	3.7	18
11	Wireless control of smartphones with tongue motion using tongue drive assistive technology. , 2010, 2010, 5250-3.		14
12	Safety and Efficacy of Medically Performed Tongue Piercing in People with Tetraplegia for Use with Tongue-Operated Assistive Technology. Topics in Spinal Cord Injury Rehabilitation, 2015, 21, 61-76.	1.8	13
13	UTDrive: The Smart Vehicle Project. , 2009, , 55-67.		12
14	Longitudinal wearable tremor measurement system with activity recognition algorithms for upper limb tremor. , 2016, 2016, 6166-6169.		8
15	A New Approach of Minimizing Midas Touch Problem for a Tracer-Free Tongue-Controlled Assistive Technology. IEEE Sensors Journal, 2021, 21, 743-754.	4.7	8
16	A wireless magneto-resistive sensing system for an intra-oral tongue-computer interface. , 2012, , .		7
17	Fitts's Law Based Performance Metrics to Quantify Tremor in Individuals With Essential Tremor. IEEE Journal of Biomedical and Health Informatics, 2022, 26, 2169-2179.	6.3	6
18	New ergonomic headset for tongue-drive system with wireless smartphone interface. , 2011, 2011, 7344-7.		5

#	ARTICLE	IF	CITATIONS
19	Development and preliminary evaluation of an intraoral tongue drive system. , 2012, 2012, 1157-60.		5
20	Quantitative assessment of arm tremor in people with neurological disorders. , 2016, 2016, 2299-2302.		5
21	Underground Metal Pipeline Localization Using Low-Cost Wireless Magnetic Sensors Mounted on an Excavator. IEEE Transactions on Industrial Electronics, 2022, 69, 10674-10683.	7.9	5
22	Palatal Electrotactile Display Outperforms Visual Display in Tongue Motor Learning. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2022, 30, 529-539.	4.9	5
23	Tongue-operated assistive technology with access to common smartphone applications via Bluetooth link. , 2012, 2012, 4054-7.		4
24	An apparatus for improving upper limb function by engaging synchronous tongue motion. , 2013, , .		4
25	Intraoral tongue drive system demonstration. , 2012, , .		3
26	Analyzing the Effects of Parameters for Tremor Modulation via Phase-Locked Electrical Stimulation on a Peripheral Nerve. Journal of Personalized Medicine, 2022, 12, 76.	2.5	2
27	Motorized Treadmill and Optical Recording System for Gait Analysis of Grasshoppers. Sensors, 2021, 21, 5953.	3.8	1
28	Effect of polishing methods on color change by water absorption in several composite resins. Journal of Dental Rehabilitation and Applied Science, 2019, 35, 1-10.	0.3	1
29	Forehead Tactile Hallucination Is Augmented by the Perceived Risk and Accompanies Increase of Forehead Tactile Sensitivity. Sensors, 2021, 21, 8246.	3.8	0