Jeonghee Kim

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6738097/publications.pdf

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29	632	840776 11	940533 16
papers	citations	h-index	g-index

29	29	29	509
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Challenges, tasks, and opportunities in teleoperation of excavator toward human-in-the-loop construction automation. Automation in Construction, 2022, 135, 104119.	9.8	45
2	Fittsâ€™ 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
3	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
4	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
5	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
6	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
7	Motorized Treadmill and Optical Recording System for Gait Analysis of Grasshoppers. Sensors, 2021, 21, 5953.	3.8	1
8	Forehead Tactile Hallucination Is Augmented by the Perceived Risk and Accompanies Increase of Forehead Tactile Sensitivity. Sensors, 2021, 21, 8246.	3.8	0
9	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
10	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
11	Quantitative assessment of arm tremor in people with neurological disorders. , 2016, 2016, 2299-2302.		5
12	Longitudinal wearable tremor measurement system with activity recognition algorithms for upper limb tremor. , 2016, 2016, 6166-6169.		8
13	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
14	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
15	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
16	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
17	The Tongue Enables Computer and Wheelchair Control for People with Spinal Cord Injury. Science Translational Medicine, 2013, 5, 213ra166.	12.4	96
18	An apparatus for improving upper limb function by engaging synchronous tongue motion. , 2013, , .		4

#	Article	IF	Citations
19	Tongue-operated assistive technology with access to common smartphone applications via Bluetooth link. , 2012, 2012, 4054-7.		4
20	Quantitative and Comparative Assessment of Learning in a Tongue-Operated Computer Input Deviceâ€“Part II: Navigation Tasks. IEEE Transactions on Information Technology in Biomedicine, 2012, 16, 633-643.	3.2	29
21	Intraoral tongue drive system demonstration. , 2012, , .		3
22	A wireless magnetoresistive sensing system for an intra-oral tongue-computer interface. , 2012, , .		7
23	Cell phone based balance trainer. Journal of NeuroEngineering and Rehabilitation, 2012, 9, 10.	4.6	111
24	A Wireless Magnetoresistive Sensing System for an Intraoral Tongue-Computer Interface. IEEE Transactions on Biomedical Circuits and Systems, 2012, 6, 571-585.	4.0	65
25	Development and preliminary evaluation of an intraoral tongue drive system. , 2012, 2012, 1157-60.		5
26	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
27	New ergonomic headset for tongue-drive system with wireless smartphone interface. , 2011, 2011, 7344-7.		5
28	Wireless control of smartphones with tongue motion using tongue drive assistive technology. , 2010, 2010, 5250-3.		14
29	UTDrive: The Smart Vehicle Project. , 2009, , 55-67.		12