

Xueliang Huo

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11140329/publications.pdf>

Version: 2024-02-01

13
papers

681
citations

1162367

8
h-index

1372195

10
g-index

13
all docs

13
docs citations

13
times ranked

709
citing authors

#	ARTICLE	IF	CITATIONS
1	A Magneto-Inductive Sensor Based Wireless Tongue-Computer Interface. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2008, 16, 497-504.	2.7	198
2	Dual-task motor performance with a tongue-operated assistive technology compared with hand operations. Journal of NeuroEngineering and Rehabilitation, 2012, 9, 1.	2.4	179
3	Evaluation of a wireless wearable tongue“computer interface by individuals with high-level spinal cord injuries. Journal of Neural Engineering, 2010, 7, 026008.	1.8	90
4	Using Unconstrained Tongue Motion as an Alternative Control Mechanism for Wheeled Mobility. IEEE Transactions on Biomedical Engineering, 2009, 56, 1719-1726.	2.5	85
5	Introduction and preliminary evaluation of the Tongue Drive System: Wireless tongue-operated assistive technology for people with little or no upper-limb function. Journal of Rehabilitation Research and Development, 2008, 45, 921-930.	1.6	46
6	Force and complexity of tongue task training influences behavioral measures of motor learning. European Journal of Oral Sciences, 2012, 120, 46-53.	0.7	23
7	A Wireless Tongue-Computer Interface Using Stereo Differential Magnetic Field Measurement. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2007, 2007, 5724-7.	0.5	22
8	Motivational conditions influence tongue motor performance. European Journal of Oral Sciences, 2013, 121, 111-116.	0.7	17
9	A Wireless Pharmaceutical Compliance Monitoring System Based on Magneto-Inductive Sensors. IEEE Sensors Journal, 2007, 7, 1711-1719.	2.4	8
10	Towards a smart experimental arena for long-term electrophysiology experiments. , 2011, , .		6
11	Using speech recognition to enhance the Tongue Drive System functionality in computer access. , 2011, 2011, 6393-6.		3
12	Motor performance of tongue with a computer-integrated system under different levels of background physical exertion. Ergonomics, 2013, 56, 1733-1744.	1.1	3
13	Tracking tongue movements for environment control using particle swarm optimization. , 2008, , .		1