

Christine E King

List of Publications by Year in descending order

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30
papers

1,036
citations

623734

14
h-index

940533

16
g-index

30
all docs

30
docs citations

30
times ranked

1321
citing authors

#	ARTICLE	IF	CITATIONS
1	Brain-computer interface controlled robotic gait orthosis. Journal of NeuroEngineering and Rehabilitation, 2013, 10, 111.	4.6	135
2	Brain-Computer Interface Controlled Functional Electrical Stimulation System for Ankle Movement. Journal of NeuroEngineering and Rehabilitation, 2011, 8, 49.	4.6	101
3	Extracting kinetic information from human motor cortical signals. NeuroImage, 2014, 101, 695-703.	4.2	84
4	The feasibility of a brain-computer interface functional electrical stimulation system for the restoration of overground walking after paraplegia. Journal of NeuroEngineering and Rehabilitation, 2015, 12, 80.	4.6	80
5	A Survey of Smartwatches in Remote Health Monitoring. Journal of Healthcare Informatics Research, 2018, 2, 1-24.	7.6	70
6	Operation of a brain-computer interface walking simulator for individuals with spinal cord injury. Journal of NeuroEngineering and Rehabilitation, 2013, 10, 77.	4.6	68
7	A durable, low-cost electrogoniometer for dynamic measurement of joint trajectories. Medical Engineering and Physics, 2011, 33, 546-552.	1.7	49
8	Smartwatch Based Activity Recognition Using Active Learning. , 2017, , .		47
9	Self-paced brain-computer interface control of ambulation in a virtual reality environment. Journal of Neural Engineering, 2012, 9, 056016.	3.5	44
10	Brain-controlled functional electrical stimulation therapy for gait rehabilitation after stroke: a safety study. Journal of NeuroEngineering and Rehabilitation, 2015, 12, 57.	4.6	43
11	Comparison of decoding resolution of standard and high-density electrocorticogram electrodes. Journal of Neural Engineering, 2016, 13, 026016.	3.5	42
12	Brain-computer interface controlled functional electrical stimulation device for foot drop due to stroke. , 2012, 2012, 6414-7.		36
13	Temperature and humidity calibration of a low-cost wireless dust sensor for real-time monitoring. , 2017, 2017, .		35
14	Applying Multivariate Segmentation Methods to Human Activity Recognition From Wearable Sensorsâ€™ Data. JMIR MHealth and UHealth, 2019, 7, e11201.	3.7	28
15	HIPAA compliant wireless sensing smartwatch application for the self-management of pediatric asthma. , 2016, 2016, 49-54.		23
16	Feasibility of a Secure Wireless Sensing Smartwatch Application for the Self-Management of Pediatric Asthma. Sensors, 2017, 17, 1780.	3.8	23
17	Performance Assessment of a Brain-Computer Interface Driven Hand Orthosis. Annals of Biomedical Engineering, 2014, 42, 2095-2105.	2.5	22
18	Noninvasive brain-computer interface driven hand orthosis. , 2011, 2011, 5786-9.		18

#	ARTICLE	IF	CITATIONS
19	Characterization of electrocorticogram high-gamma signal in response to varying upper extremity movement velocity. <i>Brain Structure and Function</i> , 2017, 222, 3705-3748.	2.3	18
20	A co-registration approach for electrocorticogram electrode localization using post-implantation MRI and CT of the head. , 2013, , .		15
21	Brain-computer interface driven functional electrical stimulation system for overground walking in spinal cord injury participant. , 2014, 2014, 1238-42.		14
22	State and trajectory decoding of upper extremity movements from electrocorticogram. , 2013, , .		6
23	Sensitivity and specificity of upper extremity movements decoded from electrocorticogram. , 2013, 2013, 5618-21.		6
24	Feasibility and Acceptability of Peer Assessment for Coding Assignments in Large Lecture Based Programming Engineering Courses. , 2018, , .		5
25	Online Laboratory Experiment Learning Module for Biomedical Engineering Physiological Laboratory Courses. <i>Biomedical Engineering Education</i> , 2021, 1, 201-208.	0.7	5
26	Introducing Entrepreneurship Into A Biomedical Engineering Capstone Course At The University of California, Irvine. <i>Technology and Innovation</i> , 2019, 20, 179-195.	0.2	5
27	Electrocorticogram encoding of upper extremity movement trajectories. , 2013, , .		4
28	Electrocorticogram encoding of upper extremity movement duration. , 2014, 2014, 1243-6.		4
29	Wearable Wireless Sensors for Rehabilitation. , 2016, , 605-615.		3
30	Effect of controlling group heterogeneity on student performance in a graphical programming course. , 2019, , .		3