

Guy Hotson

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10471171/publications.pdf>

Version: 2024-02-01

7
papers

449
citations

1684188

5
h-index

1872680

6
g-index

7
all docs

7
docs citations

7
times ranked

728
citing authors

#	ARTICLE	IF	CITATIONS
1	Individual finger control of a modular prosthetic limb using high-density electrocorticography in a human subject. <i>Journal of Neural Engineering</i> , 2016, 13, 026017.	3.5	169
2	Demonstration of a Semi-Autonomous Hybrid Brain-Machine Interface Using Human Intracranial EEG, Eye Tracking, and Computer Vision to Control a Robotic Upper Limb Prosthetic. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2014, 22, 784-796.	4.9	162
3	Simultaneous Neural Control of Simple Reaching and Grasping With the Modular Prosthetic Limb Using Intracranial EEG. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2014, 22, 695-705.	4.9	65
4	Coarse Electrocorticographic Decoding of Ipsilateral Reach in Patients with Brain Lesions. <i>PLoS ONE</i> , 2014, 9, e115236.	2.5	25
5	High Precision Neural Decoding of Complex Movement Trajectories Using Recursive Bayesian Estimation With Dynamic Movement Primitives. <i>IEEE Robotics and Automation Letters</i> , 2016, 1, 676-683.	5.1	23
6	Electrocorticographic decoding of ipsilateral reach in the setting of contralateral arm weakness from a cortical lesion. , 2012, 2012, 4104-7.		4
7	Brain-Machine Interface Development for Finger Movement Control. <i>Springer Briefs in Electrical and Computer Engineering</i> , 2017, , 31-49.	0.5	1