

Patrick Ofner

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

730
citations

1040056

9
h-index

1281871

11
g-index

20
all docs

20
docs citations

20
times ranked

634
citing authors

#	ARTICLE	IF	CITATIONS
1	Non-invasive Brain-Computer Interfaces for Control of Grasp Neuroprosthesis: The European MoreGrasp Initiative. , 2021, , 307-352.		0
2	Online detection of movement during natural and self-initiated reach-and-grasp actions from EEG signals. Journal of Neural Engineering, 2021, 18, 046095.	3.5	7
3	Dealing with missing usage data in defect prediction: A case study of a welding supplier. Computers in Industry, 2021, 132, 103505.	9.9	10
4	Mesh-Free Surrogate Models for Structural Mechanic FEM Simulation: A Comparative Study of Approaches. Applied Sciences (Switzerland), 2021, 11, 9411.	2.5	10
5	Decoding hand movements from human EEG to control a robotic arm in a simulation environment. Journal of Neural Engineering, 2020, 17, 036010.	3.5	32
6	Attempted Arm and Hand Movements can be Decoded from Low-Frequency EEG from Persons with Spinal Cord Injury. Scientific Reports, 2019, 9, 7134.	3.3	91
7	Applying intuitive EEG-controlled grasp neuroprostheses in individuals with spinal cord injury: Preliminary results from the MoreGrasp clinical feasibility study. , 2019, 2019, 5949-5955.		22
8	Towards non-invasive brain-computer interface for hand/arm control in users with spinal cord injury. , 2018, , .		5
9	Decoding natural reach-and-grasp actions from human EEG. Journal of Neural Engineering, 2018, 15, 016005.	3.5	100
10	EEG neural correlates of goal-directed movement intention. NeuroImage, 2017, 149, 129-140.	4.2	92
11	Towards non-invasive EEG-based arm/hand-control in users with spinal cord injury. , 2017, , .		13
12	Upper limb movements can be decoded from the time-domain of low-frequency EEG. PLoS ONE, 2017, 12, e0182578.	2.5	161
13	From classic motor imagery to complex movement intention decoding. Progress in Brain Research, 2016, 228, 39-70.	1.4	62
14	Movement target decoding from EEG and the corresponding discriminative sources: A preliminary study. , 2015, 2015, 1468-71.		4
15	Goal-directed or aimless? EEG differences during the preparation of a reach-and-touch task. , 2015, 2015, 1488-91.		2
16	Using a Noninvasive Decoding Method to Classify Rhythmic Movement Imaginations of the Arm in Two Planes. IEEE Transactions on Biomedical Engineering, 2015, 62, 972-981.	4.2	59
17	EEG-Based Classification of Imagined Arm Trajectories. Biosystems and Biorobotics, 2014, , 611-620.	0.3	5
18	Decoding of velocities and positions of 3D arm movement from EEG. , 2012, 2012, 6406-9.		53

#	ARTICLE	IF	CITATIONS
19	Brisk movement imagination for the non-invasive control of neuroprostheses: A first attempt. , 2011, 2011, 4219-22.		2