

Tetiana Aksenova

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

379
citations

1040018

9
h-index

1199563

12
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13
all docs

13
docs citations

13
times ranked

515
citing authors

#	ARTICLE	IF	CITATIONS
1	Workshops of the eighth international brain-computer interface meeting: BCIs: the next frontier. <i>Brain-Computer Interfaces</i> , 2022, 9, 69-101.	1.8	4
2	An adaptive closed-loop ECoG decoder for long-term and stable bimanual control of an exoskeleton by a tetraplegic. <i>Journal of Neural Engineering</i> , 2022, 19, 026021.	3.5	13
3	Decoding ECoG signal into 3D hand translation using deep learning. <i>Journal of Neural Engineering</i> , 2022, 19, 026023.	3.5	15
4	Long-term stability of the chronic epidural wireless recorder WIMAGINE in tetraplegic patients. <i>Journal of Neural Engineering</i> , 2021, 18, 056026.	3.5	16
5	Evaluation criteria for closed-loop adaptive dynamic discrete-continuous brain-computer interfaces: clinical study case with tetraplegic patient.. , 2020, , .		0
6	Personalized adaptive instruction design (PAID) for brain-computer interface using reinforcement learning and deep learning: simulated data study. <i>Brain-Computer Interfaces</i> , 2019, 6, 36-48.	1.8	3
7	Long-Term Sheep Implantation of WIMAGINE®, a Wireless 64-Channel Electrocorticogram Recorder. <i>Frontiers in Neuroscience</i> , 2019, 13, 847.	2.8	19
8	An exoskeleton controlled by an epidural wireless brain-machine interface in a tetraplegic patient: a proof-of-concept demonstration. <i>Lancet Neurology</i> , The, 2019, 18, 1112-1122.	10.2	212
9	Data-Driven Transducer Design and Identification for Internally-Paced Motor Brain Computer Interfaces: A Review. <i>Frontiers in Neuroscience</i> , 2018, 12, 540.	2.8	5
10	Recursive Exponentially Weighted N-way Partial Least Squares Regression with Recursive-Validation of Hyper-Parameters in Brain-Computer Interface Applications. <i>Scientific Reports</i> , 2017, 7, 16281.	3.3	25
11	Switching Markov decoders for asynchronous trajectory reconstruction from ECoG signals in monkeys for BCI applications. <i>Journal of Physiology (Paris)</i> , 2016, 110, 348-360.	2.1	10
12	Recursive N-Way Partial Least Squares for Brain-Computer Interface. <i>PLoS ONE</i> , 2013, 8, e69962.	2.5	28
13	L1-Penalized N-way PLS for subset of electrodes selection in BCI experiments. <i>Journal of Neural Engineering</i> , 2012, 9, 045010.	3.5	29