

George Petkov

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7279005/publications.pdf>

Version: 2024-02-01

17
papers

421
citations

1040018

9
h-index

1281846

11
g-index

18
all docs

18
docs citations

18
times ranked

683
citing authors

#	ARTICLE	IF	CITATIONS
1	Automated video-based detection of nocturnal motor seizures in children. <i>Epilepsia</i> , 2020, 61, S36-S40.	5.1	17
2	Prospecting epilepsy surgery outcome using virtual resection paradigm. <i>Computational-model validation.</i> , 2020, , .		0
3	Remote-sensor automated system for SUDEP (sudden unexplained death in epilepsy) forecast and alerting. , 2019, , .		1
4	Modelling of nickel release dynamics for three types of nickel-titan orthodontic wires. , 2019, , .		2
5	Epilepsy as a manifestation of a multistate network of oscillatory systems. <i>Neurobiology of Disease</i> , 2019, 130, 104488.	4.4	37
6	Critical remark on the "heart rate differential method"/"HR Δ diff" parameter. <i>Epilepsia</i> , 2019, 60, 2530-2531.	5.1	0
7	Multimodal seizure detection: A review. <i>Epilepsia</i> , 2018, 59, 42-47.	5.1	51
8	Multimodal, automated detection of nocturnal motor seizures at home: Is a reliable seizure detector feasible?. <i>Epilepsia Open</i> , 2017, 2, 424-431.	2.4	38
9	Quality Assessment Criteria and Their Role in the Development of a Successful Educational Project Proposal. <i>Periodica Polytechnica, Social and Management Sciences</i> , 2015, 23, 84-97.	0.7	0
10	MULTIPLE OSCILLATORY STATES IN MODELS OF COLLECTIVE NEURONAL DYNAMICS. <i>International Journal of Neural Systems</i> , 2014, 24, 1450020.	5.2	28
11	Dynamics on Networks: The Role of Local Dynamics and Global Networks on the Emergence of Hypersynchronous Neural Activity. <i>PLoS Computational Biology</i> , 2014, 10, e1003947.	3.2	72
12	A Critical Role for Network Structure in Seizure Onset: A Computational Modeling Approach. <i>Frontiers in Neurology</i> , 2014, 5, 261.	2.4	84
13	Integral single-event scene reconstruction from general over-complete sets of measurements with application to explosions localization and charge estimation. <i>Integrated Computer-Aided Engineering</i> , 2013, 20, 95-110.	4.6	3
14	Electroencephalographic events prior to epileptic major motor seizures. , 2012, 2012, 1028-31.		1
15	Quantification of spontaneous and evoked HFO's in SEEG recording and prospective for pre-surgical diagnostics. Case study. , 2012, 2012, 1024-7.		7
16	Automatic Segmentation of Episodes Containing Epileptic Clonic Seizures in Video Sequences. <i>IEEE Transactions on Biomedical Engineering</i> , 2012, 59, 3379-3385.	4.2	48
17	Computational model prospective on the observation of proictal states in epileptic neuronal systems. <i>Epilepsy and Behavior</i> , 2011, 22, S102-S109.	1.7	31