

Daniel Fabo

List of Publications by Year in descending order

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Version: 2024-02-01

65
papers

2,409
citations

331670

21
h-index

233421

45
g-index

83
all docs

83
docs citations

83
times ranked

3149
citing authors

#	ARTICLE	IF	CITATIONS
1	Overnight verbal memory retention correlates with the number of sleep spindles. <i>Neuroscience</i> , 2005, 132, 529-535.	2.3	377
2	The generation and propagation of the human alpha rhythm. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 23772-23782.	7.1	229
3	Laminar analysis of slow wave activity in humans. <i>Brain</i> , 2010, 133, 2814-2829.	7.6	207
4	Phase Segregation of Medial Septal GABAergic Neurons during Hippocampal Theta Activity. <i>Journal of Neuroscience</i> , 2004, 24, 8470-8479.	3.6	171
5	Twenty-four hours retention of visuospatial memory correlates with the number of parietal sleep spindles. <i>Neuroscience Letters</i> , 2006, 403, 52-56.	2.1	158
6	European trends in epilepsy surgery. <i>Neurology</i> , 2018, 91, e96-e106.	1.1	108
7	Current use of imaging and electromagnetic source localization procedures in epilepsy surgery centers across Europe. <i>Epilepsia</i> , 2016, 57, 770-776.	5.1	89
8	Evoked effective connectivity of the human neocortex. <i>Human Brain Mapping</i> , 2014, 35, 5736-5753.	3.6	72
9	Current standards of neuropsychological assessment in epilepsy surgery centers across Europe. <i>Epilepsia</i> , 2017, 58, 343-355.	5.1	69
10	Current practices in long-term video-EEG monitoring services: A survey among partners of the E-PILEPSY pilot network of reference for refractory epilepsy and epilepsy surgery. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2016, 38, 38-45.	2.0	67
11	Competition between frontal lobe functions and implicit sequence learning: evidence from the long-term effects of alcohol. <i>Experimental Brain Research</i> , 2015, 233, 2081-2089.	1.5	56
12	Superficial Slow Rhythms Integrate Cortical Processing in Humans. <i>Scientific Reports</i> , 2018, 8, 2055.	3.3	56
13	Properties of in vivo interictal spike generation in the human subiculum. <i>Brain</i> , 2008, 131, 485-499.	7.6	52
14	Strong relationship between NREM sleep, epilepsy and plastic functions – A conceptual review on the neurophysiology background. <i>Epilepsy Research</i> , 2019, 150, 95-105.	1.6	48
15	Heterogeneous Origins of Human Sleep Spindles in Different Cortical Layers. <i>Journal of Neuroscience</i> , 2018, 38, 3013-3025.	3.6	40
16	Complex Propagation Patterns Characterize Human Cortical Activity during Slow-Wave Sleep. <i>Journal of Neuroscience</i> , 2011, 31, 8770-8779.	3.6	38
17	Hyperexcitability of the network contributes to synchronization processes in the human epileptic neocortex. <i>Journal of Physiology</i> , 2018, 596, 317-342.	2.9	35
18	In vivo laminar electrophysiology co-registered with histology in the hippocampus of patients with temporal lobe epilepsy. <i>Experimental Neurology</i> , 2004, 187, 310-318.	4.1	33

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19	Outcome of vagus nerve stimulation for epilepsy in Budapest. <i>Epilepsia</i> , 2010, 51, 98-101.	5.1	33
20	European Expert Opinion on ANT-DBS therapy for patients with drug-resistant epilepsy (a Delphi) <i>Trends in Neurosciences</i> , 2010, 33, 507-510.	2.0	33
21	Intracortical Dynamics Underlying Repetitive Stimulation Predicts Changes in Network Connectivity. <i>Journal of Neuroscience</i> , 2019, 39, 6122-6135.	3.6	32
22	Microscale Physiological Events on the Human Cortical Surface. <i>Cerebral Cortex</i> , 2021, 31, 3678-3700.	2.9	29
23	The risk of paradoxical levetiracetam effect is increased in mentally retarded patients. <i>Epilepsia</i> , 2008, 49, 1174-1179.	5.1	23
24	Intracranial neuronal ensemble recordings and analysis in epilepsy. <i>Journal of Neuroscience Methods</i> , 2016, 260, 261-269.	2.5	21
25	Neuronavigation and fluoroscopy-assisted subdural strip electrode positioning: a simple method to increase intraoperative accuracy of strip localization in epilepsy surgery. <i>Journal of Neurosurgery</i> , 2009, 110, 327-331.	1.6	18
26	Thalamic oscillatory activity may predict response to deep brain stimulation of the anterior nuclei of the thalamus. <i>Epilepsia</i> , 2021, 62, e70-e75.	5.1	16
27	Epileptic interictal discharges are more frequent during NREM slow wave downstates. <i>Neuroscience Letters</i> , 2017, 658, 37-42.	2.1	15
28	Increased mesiotemporal delta activity characterizes virtual navigation in humans. <i>Neuroscience Research</i> , 2013, 76, 67-75.	1.9	14
29	Epilepsy as a derailment of sleep plastic functions may cause chronic cognitive impairment - A theoretical review. <i>Sleep Medicine Reviews</i> , 2019, 45, 31-41.	8.5	14
30	The laminar profile of sleep spindles in humans. <i>NeuroImage</i> , 2021, 226, 117587.	4.2	13
31	Thalamic activity during scalp slow waves in humans. <i>NeuroImage</i> , 2022, 257, 119325.	4.2	12
32	Delay differential analysis for dynamical sleep spindle detection. <i>Journal of Neuroscience Methods</i> , 2019, 316, 12-21.	2.5	11
33	Cost-effectiveness analysis of invasive EEG monitoring in drug-resistant epilepsy. <i>Epilepsy and Behavior</i> , 2021, 114, 107488.	1.7	11
34	Nonmanipulative proximal upper extremity automatisms lateralize contralaterally in temporal lobe epilepsy. <i>Epilepsia</i> , 2010, 51, 214-220.	5.1	10
35	Presence of synchrony-generating hubs in the human epileptic neocortex. <i>Journal of Physiology</i> , 2019, 597, 5639-5670.	2.9	10
36	The role of hybrid FDG-PET/MRI on decision-making in presurgical evaluation of drug-resistant epilepsy. <i>BMC Neurology</i> , 2021, 21, 363.	1.8	10

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37	Prolongation of cortical sleep spindles during hippocampal interictal epileptiform discharges in epilepsy patients. <i>Epilepsia</i> , 2022, 63, 2256-2268.	5.1	10
38	Increased interictal spike activity associated with transient slow wave trains during non-rapid eye movement sleep. <i>Sleep and Biological Rhythms</i> , 2015, 13, 155-162.	1.0	9
39	Dabrafenib Therapy in 30 Patients with Melanoma Metastatic to the Brain: a Single-centre Controlled Retrospective Study in Hungary. <i>Pathology and Oncology Research</i> , 2018, 24, 401-406.	1.9	9
40	REM Sleep Microstates in the Human Anterior Thalamus. <i>Journal of Neuroscience</i> , 2021, 41, 5677-5686.	3.6	9
41	Ictal analgesia in temporal lobe epilepsy – The mechanism of seizure-related burns. <i>Medical Hypotheses</i> , 2015, 85, 173-177.	1.5	8
42	Interictal Epileptiform Activity in the Foramen Ovale Electrodes of a Frontotemporal Dementia Patient. <i>Journal of Alzheimer's Disease Reports</i> , 2017, 1, 89-96.	2.2	8
43	Real-world user experience with seizure detection wearable devices in the home environment. <i>Epilepsia</i> , 2023, 64, .	5.1	8
44	Factors affecting quality of life in Hungarian adults with epilepsy: A comparison of four psychiatric instruments. <i>Epilepsy and Behavior</i> , 2017, 74, 45-58.	1.7	7
45	Web-based decision support system for patient-tailored selection of antiseizure medication in adolescents and adults: An external validation study. <i>European Journal of Neurology</i> , 2022, 29, 382-389.	3.3	7
46	Bursting of excitatory cells is linked to interictal epileptic discharge generation in humans. <i>Scientific Reports</i> , 2022, 12, 6280.	3.3	6
47	PET/MRI in the Presurgical Evaluation of Patients with Epilepsy: A Concordance Analysis. <i>Biomedicines</i> , 2022, 10, 949.	3.2	6
48	Increased cortical involvement and synchronization during CAP A1 slow waves. <i>Brain Structure and Function</i> , 2018, 223, 3531-3542.	2.3	5
49	Simulating human sleep spindle MEG and EEG from ion channel and circuit level dynamics. <i>Journal of Neuroscience Methods</i> , 2019, 316, 46-57.	2.5	5
50	Distance from Primary Tumor Is the Strongest Predictor for Early Onset of Brain Metastases in Melanoma. <i>Anticancer Research</i> , 2016, 36, 3065-9.	1.1	5
51	Interhemispheric propagation of seizures in mesial temporal lobe epilepsy. <i>Ideggyogyaszati Szemle</i> , 2009, 62, 319-25.	0.7	4
52	Our clinical experience with zonisamide in resistant generalized epilepsy syndromes. <i>Ideggyogyaszati Szemle</i> , 2011, 64, 187-92.	0.7	4
53	Personalized microstructural evaluation using a Mahalanobis-distance based outlier detection strategy on epilepsy patients' DTI data – Theory, simulations and example cases. <i>PLoS ONE</i> , 2019, 14, e0222720.	2.5	3
54	Laminar distribution of electrically evoked hippocampal short latency ripple activity highlights the importance of the subiculum in vivo in human epilepsy, an intraoperative study. <i>Epilepsy Research</i> , 2021, 169, 106509.	1.6	3

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55	Case Report of a Woman with Anti Amphiphysin Positive Stiff Person Syndrome. Ideggyogyaszati Szemle, 2017, 70, 213-216.	0.7	3
56	Perisomatic Inhibition and Its Relation to Epilepsy and to Synchrony Generation in the Human Neocortex. International Journal of Molecular Sciences, 2022, 23, 202.	4.1	3
57	Reorganization of Large-Scale Functional Networks During Low-Frequency Electrical Stimulation of the Cortical Surface. International Journal of Neural Systems, 2020, 30, 1950022.	5.2	2
58	EEG in fitness to drive evaluations in people with epilepsy – Considerable variations across Europe. Seizure: the Journal of the British Epilepsy Association, 2020, 79, 56-60.	2.0	2
59	The Role of the Insula in the Parieto-Frontomedial Epileptic Network. Clues from Successful Surgical Treatment. Ideggyogyaszati Szemle, 2017, 70, 203-208.	0.7	2
60	Manifold-adaptive dimension estimation revisited. PeerJ Computer Science, 2022, 8, e790.	4.5	2
61	Hawkes processes: some key ideas, links to neuroscience and system identification. Communications in Information and Systems, 2021, 21, 385-413.	0.5	1
62	Modeling Neuronal Firing in Epilepsy: Fitting Hawkes Processes to Single-Unit Activity. Mathematics in Industry, 2019, , 257-265.	0.3	1
63	Synergism of spectral and coupling modalities in epileptic focus localization from iEEG recordings. , 2016, , .		0
64	Inferring causal relations between neurophysiological signals with dimensional causality. IBRO Reports, 2019, 6, S135.	0.3	0
65	Reorganization of Parvalbumin Immunopositive Perisomatic Innervation of Principal Cells in Focal Cortical Dysplasia Type IIB in Human Epileptic Patients. International Journal of Molecular Sciences, 2022, 23, 4746.	4.1	0