

Soheyl Noachtar

List of Publications by Year in descending order

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Version: 2024-02-01

64
papers

2,253
citations

331670

21
h-index

223800

46
g-index

64
all docs

64
docs citations

64
times ranked

3009
citing authors

#	ARTICLE	IF	CITATIONS
1	Differential effects on motorcortical inhibition induced by blockade of GABA uptake in humans. <i>Journal of Physiology</i> , 1999, 517, 591-597.	2.9	758
2	The role of EEG in epilepsy: A critical review. <i>Epilepsy and Behavior</i> , 2009, 15, 22-33.	1.7	263
3	Semiology of epileptic seizures: A critical review. <i>Epilepsy and Behavior</i> , 2009, 15, 2-9.	1.7	104
4	Epilepsy surgery: A critical review. <i>Epilepsy and Behavior</i> , 2009, 15, 66-72.	1.7	98
5	Reduction of Benzodiazepine Receptor Binding is Related to the Seizure Onset Zone in Extratemporal Focal Cortical Dysplasia. <i>Epilepsia</i> , 2000, 41, 818-824.	5.1	57
6	Temporal-Pattern Similarity Analysis Reveals the Beneficial and Detrimental Effects of Context Reinstatement on Human Memory. <i>Journal of Neuroscience</i> , 2015, 35, 5373-5384.	3.6	57
7	Ictal technetium-99m ethyl cysteinate dimer single-photon emission tomographic findings and propagation of epileptic seizure activity in patients with extratemporal epilepsies. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 1998, 25, 166-172.	6.4	55
8	Exonic microdeletions of the gephyrin gene impair GABAergic synaptic inhibition in patients with idiopathic generalized epilepsy. <i>Neurobiology of Disease</i> , 2014, 67, 88-96.	4.4	51
9	Saccades are phase-locked to alpha oscillations in the occipital and medial temporal lobe during successful memory encoding. <i>PLoS Biology</i> , 2017, 15, e2003404.	5.6	50
10	Interictal regional polyspikes in noninvasive EEG suggest cortical dysplasia as etiology of focal epilepsies. <i>Epilepsia</i> , 2008, 49, 1011-1017.	5.1	49
11	NeuroKinect: A Novel Low-Cost 3Dvideo-EEG System for Epileptic Seizure Motion Quantification. <i>PLoS ONE</i> , 2016, 11, e0145669.	2.5	46
12	Cardiovascular adverse effects of phenytoin. <i>Journal of Neurology</i> , 2016, 263, 861-870.	3.6	44
13	Convolutional neural networks for real-time epileptic seizure detection. <i>Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization</i> , 2018, 6, 264-269.	1.9	44
14	Systematic Testing of Medical Intractability for Carbamazepine, Phenytoin, and Phenobarbital or Primidone in Monotherapy for Patients Considered for Epilepsy Surgery. <i>Epilepsia</i> , 1996, 37, 675-679.	5.1	38
15	Seizures in Alzheimer's disease are highly recurrent and associated with a poor disease course. <i>Journal of Neurology</i> , 2020, 267, 2941-2948.	3.6	38
16	Tonic Seizures: Their Significance for Lateralization and Frequency in Different Focal Epileptic Syndromes. <i>Epilepsia</i> , 2000, 41, 1153-1161.	5.1	34
17	Regional Differences in the Cerebral Blood Flow Velocity Response to Hypobaric Hypoxia at High Altitudes. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015, 35, 1846-1851.	4.3	34
18	Visual Auras in Epilepsy and Migraine – An Analysis of Clinical Characteristics. <i>Headache</i> , 2017, 57, 908-916.	3.9	29

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19	Seizures as an early symptom of autosomal dominant Alzheimer's disease. <i>Neurobiology of Aging</i> , 2019, 76, 18-23.	3.1	27
20	Critique of the 2017 epileptic seizure and epilepsy classifications. <i>Epilepsia</i> , 2019, 60, 1032-1039.	5.1	26
21	Parkinson's disease: Less epileptic seizures more status epilepticus. <i>Epilepsy Research</i> , 2014, 108, 349-354.	1.6	23
22	Outcome after individualized stereoelectroencephalography (sEEG) implantation and navigated resection in patients with lesional and non-lesional focal epilepsy. <i>Journal of Neurology</i> , 2019, 266, 910-920.	3.6	23
23	A reduction of sleep spindles heralds seizures in focal epilepsy. <i>Clinical Neurophysiology</i> , 2014, 125, 2207-2211.	1.5	21
24	Classification of paroxysmal events and the four-dimensional epilepsy classification system. <i>Epileptic Disorders</i> , 2019, 21, 1-29.	1.3	20
25	Two Patients With Visual Aura – Migraine, Epilepsy, or Migralepsy?. <i>Headache</i> , 2015, 55, 1148-1151.	3.9	19
26	Latency of interictal epileptiform discharges in long-term EEG recordings in epilepsy patients. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2015, 29, 20-25.	2.0	19
27	Seizure-associated aphasia has good lateralizing but poor localizing significance. <i>Epilepsia</i> , 2017, 58, 1551-1555.	5.1	18
28	Could the 2017 ILAE and the four-dimensional epilepsy classifications be merged to a new –Integrated Epilepsy Classification–?. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2020, 78, 31-37.	2.0	18
29	Acute effects of spaced cathodal transcranial direct current stimulation in drug resistant focal epilepsies. <i>Clinical Neurophysiology</i> , 2021, 132, 1444-1451.	1.5	17
30	Is ictal dystonia associated with an inhibitory effect on seizure propagation in focal epilepsies?. <i>Epilepsy Research</i> , 2012, 99, 274-280.	1.6	14
31	Unilateral temporal interictal epileptiform discharges correctly predict the epileptogenic zone in lesional temporal lobe epilepsy. <i>Epilepsia</i> , 2018, 59, 1577-1582.	5.1	14
32	Seizure semiology identifies patients with bilateral temporal lobe epilepsy. <i>Epilepsy Research</i> , 2015, 109, 197-202.	1.6	13
33	Lateralization of cortical negative motor areas. <i>Clinical Neurophysiology</i> , 2016, 127, 3314-3321.	1.5	11
34	PET imaging in extratemporal epilepsy requires consideration of electroclinical findings. <i>Epilepsy Research</i> , 2016, 125, 72-76.	1.6	10
35	Ictal ipsilateral sweating in focal epilepsy. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2017, 50, 4-5.	2.0	9
36	Does semiology of status epilepticus have an impact on treatment response and outcome?. <i>Epilepsy and Behavior</i> , 2018, 83, 81-86.	1.7	8

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37	Who seizes longest? Impact of clinical and demographic factors. <i>Epilepsia</i> , 2020, 61, 1376-1385.	5.1	8
38	Severe depression as the sole symptom of affective focal status epilepticus. <i>BMJ Case Reports</i> , 2014, 2014, bcr2013201149-bcr2013201149.	0.5	7
39	Bilateral fractures of the proximal humerus: a rare non-traumatic complication of generalized tonic-clonic seizures following withdrawal of antiepileptic medication. <i>Journal of Neurology</i> , 1998, 245, 123-124.	3.6	6
40	Seizures From Solving Sudoku Puzzles. <i>JAMA Neurology</i> , 2015, 72, 1524.	9.0	6
41	Seizure reductions outlast DBS explantation. <i>Brain Stimulation</i> , 2018, 11, 636-638.	1.6	6
42	Seizure prevalence in neurodegenerative diseases—a study of autopsy proven cases. <i>European Journal of Neurology</i> , 2022, 29, 12-18.	3.3	6
43	Ictal asystole mimicking seizure deterioration in temporal lobe epilepsy. <i>Epileptic Disorders</i> , 2015, 17, 332-335.	1.3	5
44	From theory to practice: Critical points in the 2017 ILAE classification of epileptic seizures and epilepsies. <i>Epilepsia</i> , 2020, 61, 350-353.	5.1	5
45	Hemispheric differences in the duration of focal onset seizures. <i>Acta Neurologica Scandinavica</i> , 2021, 143, 248-255.	2.1	5
46	Do all patients in the epilepsy monitoring unit experience the same level of comfort? A quantitative exploratory secondary analysis. <i>Journal of Advanced Nursing</i> , 2022, 78, 2004-2014.	3.3	5
47	Epilepsy surgery in the first months of life: a large type IIb focal cortical dysplasia causing neonatal drug-resistant epilepsy. <i>Epileptic Disorders</i> , 2019, 21, 122-127.	1.3	5
48	Introduction. <i>Epilepsy and Behavior</i> , 2010, 19, 95.	1.7	4
49	Eye movements differ between ictal ipsilateral and contralateral head turning. <i>Epilepsy Research</i> , 2015, 114, 73-77.	1.6	4
50	NeuroKinect 3.0: Multi-Bed 3Dvideo-EEG System for Epilepsy Clinical Motion Monitoring. <i>Studies in Health Technology and Informatics</i> , 2018, 247, 46-50.	0.3	4
51	Notch filter artefact mimicking high frequency oscillation in epilepsy. <i>Clinical Neurophysiology</i> , 2016, 127, 979-981.	1.5	3
52	Seizure Control and Active Termination by Anterior Thalamic Deep Brain Stimulation. <i>Brain Stimulation</i> , 2017, 10, 168-170.	1.6	3
53	Pharmacotherapy of Seizures Associated with Lennox-Gastaut Syndrome. <i>Clinical Medicine Insights Therapeutics</i> , 2010, 2, CMT.S2014.	0.4	2
54	Positive interictal epileptiform discharges in adults: A case series of a rare phenomenon. <i>Clinical Neurophysiology</i> , 2018, 129, 952-955.	1.5	2

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55	Stimulation-induced ictal vocalisation of left frontal lobe origin. <i>Epileptic Disorders</i> , 2018, 20, 418-422.	1.3	2
56	Assessing comfort in the epilepsy monitoring unit: Psychometric testing of an instrument. <i>Epilepsy and Behavior</i> , 2020, 112, 107460.	1.7	2
57	Multimodal Imaging in Extratemporal Epilepsy Surgery. <i>Cureus</i> , 2018, 10, e2338.	0.5	2
58	Unilateral Blinking: Insights from Stereo-EEG and Tractography. <i>Brain Topography</i> , 2021, 34, 698-707.	1.8	1
59	Kinesigenic dyskinesias after ENT surgery misdiagnosed as focal epilepsy. <i>BMJ Case Reports</i> , 2022, 15, e247760.	0.5	1
60	Teaching EEG 5: A familiar EEG pattern with atypical morphology. <i>International Journal of Epilepsy</i> , 2017, 04, 106-107.	0.5	0
61	Ictal SPECT reveals different epileptogenic zones in frontal lobe epilepsy. <i>Epileptic Disorders</i> , 2018, 20, 447-450.	1.3	0
62	Aphasia elicited by electrical stimulation of the right anterior corpus callosum. <i>Aphasiology</i> , 2019, 33, 372-377.	2.2	0
63	Subdural electrodes in focal cortical dysplasia. <i>Epileptic Disorders</i> , 2003, 5 Suppl 2, S91-4.	1.3	0
64	Self-stimulation in an adult misdiagnosed with focal epilepsy. <i>Epileptic Disorders</i> , 2019, 21, 463-465.	1.3	0