

Sebastian Bauer

List of Publications by Year in descending order

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Version: 2024-02-01

54
papers

1,985
citations

236925

25
h-index

265206

42
g-index

56
all docs

56
docs citations

56
times ranked

2475
citing authors

#	ARTICLE	IF	CITATIONS
1	Hippocampal Cytokine Release in Experimental Epileptogenesis—A Longitudinal In Vivo Microdialysis Study. <i>Brain Sciences</i> , 2022, 12, 677.	2.3	2
2	Enrichment of Circular RNA Expression Deregulation at the Transition to Recurrent Spontaneous Seizures in Experimental Temporal Lobe Epilepsy. <i>Frontiers in Genetics</i> , 2021, 12, 627907.	2.3	13
3	Postoperative outcomes and surgical ratio at a newly established epilepsy center: The first 100 procedures. <i>Epilepsy and Behavior</i> , 2021, 116, 107715.	1.7	3
4	Wada test results contribute to the prediction of change in verbal learning and verbal memory function after temporal lobe epilepsy surgery. <i>Scientific Reports</i> , 2021, 11, 10979.	3.3	4
5	Circulating P2X7 Receptor Signaling Components as Diagnostic Biomarkers for Temporal Lobe Epilepsy. <i>Cells</i> , 2021, 10, 2444.	4.1	23
6	Transcutaneous auricular vagus nerve stimulation influences gastric motility: A randomized, double-blind trial in healthy individuals. <i>Brain Stimulation</i> , 2021, 14, 1126-1132.	1.6	13
7	Treatment of status epilepticus with zonisamide: A multicenter cohort study of 34 patients and review of literature. <i>Epilepsy and Behavior</i> , 2020, 109, 107139.	1.7	4
8	Quantification of tRNA fragments by electrochemical direct detection in small volume biofluid samples. <i>Scientific Reports</i> , 2020, 10, 7516.	3.3	12
9	Advantages of methohexital over amobarbital in determining hemispheric language and memory lateralization in the Wada test — A retrospective study. <i>Epilepsy and Behavior</i> , 2020, 113, 107551.	1.7	3
10	SARS-CoV-2-related rapid reorganization of an epilepsy outpatient clinic from personal appointments to telemedicine services: A German single-center experience. <i>Epilepsy and Behavior</i> , 2020, 112, 107483.	1.7	31
11	Therapeutic Options for Patients with Refractory Status Epilepticus in Palliative Settings or with a Limitation of Life-Sustaining Therapies: A Systematic Review. <i>CNS Drugs</i> , 2020, 34, 801-826.	5.9	12
12	Risk incidence of fractures and injuries: a multicenter video-EEG study of 626 generalized convulsive seizures. <i>Journal of Neurology</i> , 2020, 267, 3632-3642.	3.6	17
13	Cenobamate for the treatment of focal epilepsies. <i>Expert Opinion on Pharmacotherapy</i> , 2020, 21, 2215-2223.	1.8	15
14	Laser microdissection-based microproteomics of the hippocampus of a rat epilepsy model reveals regional differences in protein abundances. <i>Scientific Reports</i> , 2020, 10, 4412.	3.3	17
15	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
16	Is there a role for microRNAs in epilepsy diagnostics?. <i>Expert Review of Molecular Diagnostics</i> , 2020, 20, 693-701.	3.1	7
17	A systems approach delivers a functional microRNA catalog and expanded targets for seizure suppression in temporal lobe epilepsy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 15977-15988.	7.1	41
18	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

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19	International Consensus Based Review and Recommendations for Minimum Reporting Standards in Research on Transcutaneous Vagus Nerve Stimulation (Version 2020). <i>Frontiers in Human Neuroscience</i> , 2020, 14, 568051.	2.0	143
20	Genome-wide microRNA profiling of plasma from three different animal models identifies biomarkers of temporal lobe epilepsy. <i>Neurobiology of Disease</i> , 2020, 144, 105048.	4.4	35
21	Invasive EEG-electrodes in presurgical evaluation of epilepsies: Systematic analysis of implantation-, video-EEG-monitoring- and explantation-related complications, and review of literature. <i>Epilepsy and Behavior</i> , 2019, 91, 30-37.	1.7	28
22	Recent advances in the pharmacotherapy of epilepsies: brivaracetam and perampanel as broad-spectrum antiseizure drugs for the treatment of epilepsies and status epilepticus. <i>Expert Opinion on Pharmacotherapy</i> , 2019, 20, 1755-1765.	1.8	22
23	Intranasal midazolam as first-line in-hospital treatment for status epilepticus: a pharmacokinetic EEG cohort study. <i>Annals of Clinical and Translational Neurology</i> , 2019, 6, 2413-2425.	3.7	24
24	Electrical stimulation of the ventral hippocampal commissure delays experimental epilepsy and is associated with altered microRNA expression. <i>Brain Stimulation</i> , 2019, 12, 1390-1401.	1.6	10
25	Lessons learned from transcutaneous vagus nerve stimulation (tVNS). <i>Epilepsy Research</i> , 2019, 153, 83-84.	1.6	29
26	Elevation of plasma tRNA fragments precedes seizures in human epilepsy. <i>Journal of Clinical Investigation</i> , 2019, 129, 2946-2951.	8.2	71
27	Trends in resource utilization and prescription of anticonvulsants for patients with active epilepsy in Germany from 2003 to 2013 – A ten-year overview. <i>Epilepsy and Behavior</i> , 2018, 83, 28-35.	1.7	57
28	Dual-center, dual-platform microRNA profiling identifies potential plasma biomarkers of adult temporal lobe epilepsy. <i>EBioMedicine</i> , 2018, 38, 127-141.	6.1	88
29	Use of brivaracetam in genetic generalized epilepsies and for acute, intravenous treatment of absence status epilepticus. <i>Epilepsia</i> , 2018, 59, 1549-1556.	5.1	63
30	Use of Emergency Medication in Adult Patients with Epilepsy: A Multicentre Cohort Study from Germany. <i>CNS Drugs</i> , 2018, 32, 771-781.	5.9	29
31	A novel animal model of acquired human temporal lobe epilepsy based on the simultaneous administration of kainic acid and lorazepam. <i>Epilepsia</i> , 2017, 58, 222-230.	5.1	29
32	Postmarketing experience with brivaracetam in the treatment of epilepsies: A multicenter cohort study from Germany. <i>Epilepsia</i> , 2017, 58, 1208-1216.	5.1	97
33	A microRNA-miR-129-5p/Rbfox crosstalk coordinates homeostatic downscaling of excitatory synapses. <i>EMBO Journal</i> , 2017, 36, 1770-1787.	7.8	85
34	Cerebrospinal fluid microRNAs are potential biomarkers of temporal lobe epilepsy and status epilepticus. <i>Scientific Reports</i> , 2017, 7, 3328.	3.3	93
35	Lacosamide in status epilepticus: Systematic review of current evidence. <i>Epilepsia</i> , 2017, 58, 933-950.	5.1	100
36	Potent Anti-seizure Effects of Locked Nucleic Acid Antagomirs Targeting miR-134 in Multiple Mouse and Rat Models of Epilepsy. <i>Molecular Therapy - Nucleic Acids</i> , 2017, 6, 45-56.	5.1	62

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37	Personalized translational epilepsy research – Novel approaches and future perspectives. <i>Epilepsy and Behavior</i> , 2017, 76, 7-12.	1.7	14
38	Personalized translational epilepsy research – Novel approaches and future perspectives. <i>Epilepsy and Behavior</i> , 2017, 76, 13-18.	1.7	26
39	Neuroinflammatory targets and treatments for epilepsy validated in experimental models. <i>Epilepsia</i> , 2017, 58, 27-38.	5.1	131
40	Ictal conduction aphasia and ictal angular gyrus syndrome as rare manifestations of epilepsy: The importance of ictal testing during video-EEG monitoring. <i>Epilepsy & Behavior Case Reports</i> , 2017, 8, 55-62.	1.5	5
41	The efficacy of lacosamide as monotherapy and adjunctive therapy in focal epilepsy and its use in status epilepticus: clinical trial evidence and experience. <i>Therapeutic Advances in Neurological Disorders</i> , 2017, 10, 103-126.	3.5	22
42	Removing entorhinal cortex input to the dentate gyrus does not impede low frequency oscillations, an EEG-biomarker of hippocampal epileptogenesis. <i>Scientific Reports</i> , 2016, 6, 25660.	3.3	6
43	Biceps electromyography in dialeptic and automotor seizures with and without secondary generalization. <i>Clinical Neurophysiology</i> , 2016, 127, 1163-1169.	1.5	3
44	Brivaracetam in the treatment of focal and idiopathic generalized epilepsies and of status epilepticus. <i>Expert Review of Clinical Pharmacology</i> , 2016, 9, 637-645.	3.1	50
45	Perampanel in the treatment of focal and idiopathic generalized epilepsies and of status epilepticus. <i>Expert Review of Clinical Pharmacology</i> , 2015, 8, 733-740.	3.1	40
46	Chronic valproate or levetiracetam treatment does not influence cytokine levels in humans. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2014, 23, 666-669.	2.0	20
47	Intravenous initiation and maintenance of ketogenic diet: Proof of concept in super-refractory status epilepticus. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2013, 22, 581-583.	2.0	60
48	Early detection of bone metabolism changes under different antiepileptic drugs (ED-BoM-AED) – A prospective multicenter study. <i>Epilepsy Research</i> , 2013, 106, 417-422.	1.6	19
49	Extratemporal epilepsies. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2012, 107, 241-256.	1.8	5
50	Interictal alterations of cytokines and leukocytes in patients with active epilepsy. <i>Brain, Behavior, and Immunity</i> , 2011, 25, 423-428.	4.1	66
51	Lacosamide intoxication in attempted suicide. <i>Epilepsy and Behavior</i> , 2010, 17, 549-551.	1.7	29
52	Etiology and site of temporal lobe epilepsy influence postictal cytokine release. <i>Epilepsy Research</i> , 2009, 86, 82-88.	1.6	108
53	NK and CD4+ T cell changes in blood after seizures in temporal lobe epilepsy. <i>Experimental Neurology</i> , 2008, 211, 370-377.	4.1	72
54	Seizures induced by the sight of moving water. <i>Epileptic Disorders</i> , 2008, 10, 49-52.	1.3	1