Sebastian Bauer

List of Publications by Year
in descending order

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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	International Consensus Based Review and Recommendations for Minimum Reporting Standards in Research on Transcutaneous Vagus Nerve Stimulation (Version 2020). Frontiers in Human Neuroscience, 2020, 14, 568051.	2.0	143
2	Neuroinflammatory targets and treatments for epilepsy validated in experimental models. Epilepsia, 2017, 58, 27-38.	5.1	131
3	Etiology and site of temporal lobe epilepsy influence postictal cytokine release. Epilepsy Research, 2009, 86, 82-88.	1.6	108
4	Lacosamide in status epilepticus: Systematic review of current evidence. Epilepsia, 2017, 58, 933-950.	5.1	100
5	Postmarketing experience with brivaracetam in the treatment of epilepsies: A multicenter cohort study from Germany. Epilepsia, 2017, 58, 1208-1216.	5.1	97
6	Cerebrospinal fluid microRNAs are potential biomarkers of temporal lobe epilepsy and status epilepticus. Scientific Reports, 2017, 7, 3328.	3.3	93
7	Dual-center, dual-platform microRNA profiling identifies potential plasma biomarkers of adult temporal lobe epilepsy. EBioMedicine, 2018, 38, 127-141.	6.1	88
8	A microRNAâ€129â€5p/Rbfox crosstalk coordinates homeostatic downscaling of excitatory synapses. EMBO Journal, 2017, 36, 1770-1787.	7.8	85
9	NK and CD4+ T cell changes in blood after seizures in temporal lobe epilepsy. Experimental Neurology, 2008, 211, 370-377.	4.1	72
10	Elevation of plasma tRNA fragments precedes seizures in human epilepsy. Journal of Clinical Investigation, 2019, 129, 2946-2951.	8.2	71
11	Interictal alterations of cytokines and leukocytes in patients with active epilepsy. Brain, Behavior, and Immunity, 2011, 25, 423-428.	4.1	66
12	Use of brivaracetam in genetic generalized epilepsies and for acute, intravenous treatment of absence status epilepticus. Epilepsia, 2018, 59, 1549-1556.	5.1	63
13	Potent Anti-seizure Effects of Locked Nucleic Acid Antagomirs Targeting miR-134 in Multiple Mouse and Rat Models of Epilepsy. Molecular Therapy - Nucleic Acids, 2017, 6, 45-56.	5.1	62
14	Intravenous initiation and maintenance of ketogenic diet: Proof of concept in super-refractory status epilepticus. Seizure: the Journal of the British Epilepsy Association, 2013, 22, 581-583.	2.0	60
15	Trends in resource utilization and prescription of anticonvulsants for patients with active epilepsy in Germany from 2003 to 2013 â€" A ten-year overview. Epilepsy and Behavior, 2018, 83, 28-35.	1.7	57
16	Brivaracetam in the treatment of focal and idiopathic generalized epilepsies and of status epilepticus. Expert Review of Clinical Pharmacology, 2016, 9, 637-645.	3.1	50
17	A systems approach delivers a functional microRNA catalog and expanded targets for seizure suppression in temporal lobe epilepsy. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 15977-15988.	7.1	41
18	Perampanel in the treatment of focal and idiopathic generalized epilepsies and of status epilepticus. Expert Review of Clinical Pharmacology, 2015, 8, 733-740.	3.1	40

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19	Genome-wide microRNA profiling of plasma from three different animal models identifies biomarkers of temporal lobe epilepsy. Neurobiology of Disease, 2020, 144, 105048.	4.4	35
20	SARS-CoV-2-related rapid reorganization of an epilepsy outpatient clinic from personal appointments to telemedicine services: A German single-center experience. Epilepsy and Behavior, 2020, 112, 107483.	1.7	31
21	Lacosamide intoxication in attempted suicide. Epilepsy and Behavior, 2010, 17, 549-551.	1.7	29
22	A novel animal model of acquired human temporal lobe epilepsy based on the simultaneous administration of kainic acid and lorazepam. Epilepsia, 2017, 58, 222-230.	5.1	29
23	Use of Emergency Medication in Adult Patients with Epilepsy: A Multicentre Cohort Study from Germany. CNS Drugs, 2018, 32, 771-781.	5.9	29
24	Lessons learned from transcutaneous vagus nerve stimulation (tVNS). Epilepsy Research, 2019, 153, 83-84.	1.6	29
25	Invasive EEG-electrodes in presurgical evaluation of epilepsies: Systematic analysis of implantation-, video-EEG-monitoring- and explantation-related complications, and review of literature. Epilepsy and Behavior, 2019, 91, 30-37.	1.7	28
26	Personalized translational epilepsy research â€" Novel approaches and future perspectives. Epilepsy and Behavior, 2017, 76, 13-18.	1.7	26
27	Intranasal midazolam as firstâ€line inhospital treatment for status epilepticus: a pharmacoâ€EEG cohort study. Annals of Clinical and Translational Neurology, 2019, 6, 2413-2425.	3.7	24
28	Circulating P2X7 Receptor Signaling Components as Diagnostic Biomarkers for Temporal Lobe Epilepsy. Cells, 2021, 10, 2444.	4.1	23
29	The efficacy of lacosamide as monotherapy and adjunctive therapy in focal epilepsy and its use in status epilepticus: clinical trial evidence and experience. Therapeutic Advances in Neurological Disorders, 2017, 10, 103-126.	3.5	22
30	Recent advances in the pharmacotherapy of epilepsy: brivaracetam and perampanel as broad-spectrum antiseizure drugs for the treatment of epilepsies and status epilepticus. Expert Opinion on Pharmacotherapy, 2019, 20, 1755-1765.	1.8	22
31	Chronic valproate or levetiracetam treatment does not influence cytokine levels in humans. Seizure: the Journal of the British Epilepsy Association, 2014, 23, 666-669.	2.0	20
32	Early detection of bone metabolism changes under different antiepileptic drugs (ED-BoM-AED) â€" A prospective multicenter study. Epilepsy Research, 2013, 106, 417-422.	1.6	19
33	Could the 2017 ILAE and the four-dimensional epilepsy classifications be merged to a new â€œIntegrated Epilepsy Classificationâ€?. Seizure: the Journal of the British Epilepsy Association, 2020, 78, 31-37.	2.0	18
34	Risk incidence of fractures and injuries: a multicenter video-EEG study of 626 generalized convulsive seizures. Journal of Neurology, 2020, 267, 3632-3642.	3.6	17
35	Laser microdissection-based microproteomics of the hippocampus of a rat epilepsy model reveals regional differences in protein abundances. Scientific Reports, 2020, 10, 4412.	3.3	17
36	Cenobamate for the treatment of focal epilepsies. Expert Opinion on Pharmacotherapy, 2020, 21, 2215-2223.	1.8	15

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37	Personalized translational epilepsy research â€" Novel approaches and future perspectives. Epilepsy and Behavior, 2017, 76, 7-12.	1.7	14
38	Enrichment of Circular RNA Expression Deregulation at the Transition to Recurrent Spontaneous Seizures in Experimental Temporal Lobe Epilepsy. Frontiers in Genetics, 2021, 12, 627907.	2.3	13
39	Transcutaneous auricular vagus nerve stimulation influences gastric motility: A randomized, double-blind trial in healthy individuals. Brain Stimulation, 2021, 14, 1126-1132.	1.6	13
40	Quantification of tRNA fragments by electrochemical direct detection in small volume biofluid samples. Scientific Reports, 2020, 10, 7516.	3.3	12
41	Therapeutic Options for Patients with Refractory Status Epilepticus in Palliative Settings or with a Limitation of Life-Sustaining Therapies: A Systematic Review. CNS Drugs, 2020, 34, 801-826.	5.9	12
42	Electrical stimulation of the ventral hippocampal commissure delays experimental epilepsy and is associated with altered microRNA expression. Brain Stimulation, 2019, 12, 1390-1401.	1.6	10
43	Is there a role for microRNAs in epilepsy diagnostics?. Expert Review of Molecular Diagnostics, 2020, 20, 693-701.	3.1	7
44	Removing entorhinal cortex input to the dentate gyrus does not impede low frequency oscillations, an EEG-biomarker of hippocampal epileptogenesis. Scientific Reports, 2016, 6, 25660.	3.3	6
45	Extratemporal epilepsies. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2012, 107, 241-256.	1.8	5
46	Ictal conduction aphasia and ictal angular gyrus syndrome as rare manifestations of epilepsy: The importance of ictal testing during video-EEG monitoring. Epilepsy & Behavior Case Reports, 2017, 8, 55-62.	1.5	5
47	From theory to practice: Critical points in the 2017 ILAE classification of epileptic seizures and epilepsies. Epilepsia, 2020, 61, 350-353.	5.1	5
48	Treatment of status epilepticus with zonisamide: A multicenter cohort study of 34 patients and review of literature. Epilepsy and Behavior, 2020, 109, 107139.	1.7	4
49	Wada test results contribute to the prediction of change in verbal learning and verbal memory function after temporal lobe epilepsy surgery. Scientific Reports, 2021, 11, 10979.	3.3	4
50	Biceps electromyography in dialeptic and automotor seizures with and without secondary generalization. Clinical Neurophysiology, 2016, 127, 1163-1169.	1.5	3
51	Advantages of methohexital over amobarbital in determining hemispheric language and memory lateralization in the Wada test â€" A retrospective study. Epilepsy and Behavior, 2020, 113, 107551.	1.7	3
52	Postoperative outcomes and surgical ratio at a newly established epilepsy center: The first 100 procedures. Epilepsy and Behavior, 2021, 116, 107715.	1.7	3
53	Hippocampal Cytokine Release in Experimental Epileptogenesisâ€"A Longitudinal In Vivo Microdialysis Study. Brain Sciences, 2022, 12, 677.	2.3	2
54	Seizures induced by the sight of moving water. Epileptic Disorders, 2008, 10, 49-52.	1.3	1