

Katja Kobow

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

3,556
citations

304743

22
h-index

302126

39
g-index

43
all docs

43
docs citations

43
times ranked

5901
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use of flow cytometry and cell sorting in immunological studies (second edition). <i>European Journal of Immunology</i> , 2019, 49, 1457-1973.	2.9	766
2	Histopathological Findings in Brain Tissue Obtained during Epilepsy Surgery. <i>New England Journal of Medicine</i> , 2017, 377, 1648-1656.	27.0	621
3	Commonalities in epileptogenic processes from different acute brain insults: Do they translate?. <i>Epilepsia</i> , 2018, 59, 37-66.	5.1	206
4	Deep sequencing reveals increased DNA methylation in chronic rat epilepsy. <i>Acta Neuropathologica</i> , 2013, 126, 741-756.	7.7	172
5	Epilepsy, hippocampal sclerosis and febrile seizures linked by common genetic variation around SCN1A. <i>Brain</i> , 2013, 136, 3140-3150.	7.6	168
6	Low proliferation and differentiation capacities of adult hippocampal stem cells correlate with memory dysfunction in humans. <i>Brain</i> , 2010, 133, 3359-3372.	7.6	164
7	Increased Reelin Promoter Methylation Is Associated With Granule Cell Dispersion in Human Temporal Lobe Epilepsy. <i>Journal of Neuropathology and Experimental Neurology</i> , 2009, 68, 356-364.	1.7	154
8	Low-grade epilepsy-associated neuroepithelial tumours – the 2016 WHO classification. <i>Nature Reviews Neurology</i> , 2016, 12, 732-740.	10.1	113
9	Neuropathologic measurements in focal cortical dysplasias: validation of the ILAE 2011 classification system and diagnostic implications for MRI. <i>Acta Neuropathologica</i> , 2012, 123, 259-272.	7.7	106
10	The methylation hypothesis: Do epigenetic chromatin modifications play a role in epileptogenesis?. <i>Epilepsia</i> , 2011, 52, 15-19.	5.1	93
11	The ILAE consensus classification of focal cortical dysplasia: An update proposed by an ad hoc task force of the ILAE diagnostic methods commission. <i>Epilepsia</i> , 2022, 63, 1899-1919.	5.1	88
12	Etiology matters – Genomic DNA Methylation Patterns in Three Rat Models of Acquired Epilepsy. <i>Scientific Reports</i> , 2016, 6, 25668.	3.3	87
13	Finding a better drug for epilepsy: Antiepileptogenesis targets. <i>Epilepsia</i> , 2012, 53, 1868-1876.	5.1	82
14	The emerging role of DNA methylation in epileptogenesis. <i>Epilepsia</i> , 2012, 53, 11-20.	5.1	82
15	Epigenetics in epilepsy. <i>Neuroscience Letters</i> , 2018, 667, 40-46.	2.1	73
16	Epigenetics and Epilepsy. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2015, 5, a022731.	6.2	68
17	Frequent SLC35A2 brain mosaicism in mild malformation of cortical development with oligodendroglial hyperplasia in epilepsy (MOGHE). <i>Acta Neuropathologica Communications</i> , 2021, 9, 3.	5.2	62
18	Genomic DNA methylation distinguishes subtypes of human focal cortical dysplasia. <i>Epilepsia</i> , 2019, 60, 1091-1103.	5.1	61

#	ARTICLE	IF	CITATIONS
19	Epigenetic mechanisms in epilepsy. <i>Progress in Brain Research</i> , 2014, 213, 279-316.	1.4	54
20	Neocortical development and epilepsy: insights from focal cortical dysplasia and brain tumours. <i>Lancet Neurology</i> , The, 2021, 20, 943-955.	10.2	47
21	Dynamic Regulation of the Adenosine Kinase Gene during Early Postnatal Brain Development and Maturation. <i>Frontiers in Molecular Neuroscience</i> , 2016, 9, 99.	2.9	30
22	Mosaic trisomy of chromosome 1q in human brain tissue associates with unilateral polymicrogyria, very early-onset focal epilepsy, and severe developmental delay. <i>Acta Neuropathologica</i> , 2020, 140, 881-891.	7.7	28
23	WONOE APPRAISAL: The many facets of epilepsy networks. <i>Epilepsia</i> , 2018, 59, 1475-1483.	5.1	27
24	Big data in epilepsy: Clinical and research considerations. Report from the Epilepsy Big Data Task Force of the International League Against Epilepsy. <i>Epilepsia</i> , 2020, 61, 1869-1883.	5.1	23
25	Epigenetic control of epilepsy target genes contributes to a cellular memory of epileptogenesis in cultured rat hippocampal neurons. <i>Acta Neuropathologica Communications</i> , 2017, 5, 79.	5.2	19
26	DNA methylation-based classification of malformations of cortical development in the human brain. <i>Acta Neuropathologica</i> , 2022, 143, 93-104.	7.7	18
27	Same same but different: A Web-based deep learning application revealed classifying features for the histopathologic distinction of cortical malformations. <i>Epilepsia</i> , 2020, 61, 421-432.	5.1	17
28	Epigenetics explained: a topic primer for the epilepsy community by the ILAE Genetics/Epigenetics Task Force. <i>Epileptic Disorders</i> , 2020, 22, 127-141.	1.3	17
29	No evidence for human papillomavirus infection in focal cortical dysplasia <sc>II</sc>. <i>Annals of Neurology</i> , 2015, 77, 312-319.	5.3	15
30	<sc>WONOE</sc> appraisal: New genetic approaches to study epilepsy. <i>Epilepsia</i> , 2014, 55, 1170-1186.	5.1	13
31	WONOE appraisal: Development of epilepsy biomarkersâ€”What we can learn from our patients?. <i>Epilepsia</i> , 2017, 58, 951-961.	5.1	13
32	Molecular diagnostics in drug-resistant focal epilepsy define new disease entities. <i>Brain Pathology</i> , 2021, 31, e12963.	4.1	13
33	Assessment of genetic variant burden in epilepsy-associated brain lesions. <i>European Journal of Human Genetics</i> , 2019, 27, 1738-1744.	2.8	12
34	2017 WONOE appraisal: Studying epilepsy as a network disease using systems biology approaches. <i>Epilepsia</i> , 2019, 60, 1045-1053.	5.1	12
35	Multilobar unilateral hypoplasia with emphasis on the posterior quadrant and severe epilepsy in children with FCD ILAE Type 1A. <i>Epilepsia</i> , 2022, 63, 42-60.	5.1	12
36	Glucocorticoid modulation of synaptic plasticity in the human temporal cortex of epilepsy patients: Does chronic stress contribute to memory impairment?. <i>Epilepsia</i> , 2022, 63, 209-221.	5.1	7

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37	Experimental Epileptogenesis in a Cell Culture Model of Primary Neurons from Rat Brain: A Temporal Multi-Scale Study. <i>Cells</i> , 2021, 10, 3004.	4.1	7
38	Histological correlates of hippocampal magnetization transfer images in drug-resistant temporal lobe epilepsy patients. <i>NeuroImage: Clinical</i> , 2020, 28, 102463.	2.7	4