

Rod C Scott

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

2,700
citations

218677

26
h-index

189892

50
g-index

61
all docs

61
docs citations

61
times ranked

3014
citing authors

#	ARTICLE	IF	CITATIONS
1	Incidence, cause, and short-term outcome of convulsive status epilepticus in childhood: prospective population-based study. <i>Lancet, The</i> , 2006, 368, 222-229.	13.7	532
2	Neurobehavioral Comorbidities in Children With Active Epilepsy: A Population-Based Study. <i>Pediatrics</i> , 2014, 133, e1586-e1593.	2.1	283
3	Magnetic resonance imaging findings within 5 days of status epilepticus in childhood. <i>Brain</i> , 2002, 125, 1951-1959.	7.6	160
4	Mutations in SLC12A5 in epilepsy of infancy with migrating focal seizures. <i>Nature Communications</i> , 2015, 6, 8038.	12.8	160
5	The Epidemiology of Convulsive Status Epilepticus in Children: A Critical Review. <i>Epilepsia</i> , 2007, 48, 1652-1663.	5.1	106
6	A population-based study of newly diagnosed epilepsy in infants. <i>Epilepsia</i> , 2013, 54, 437-445.	5.1	75
7	Focal epileptiform activity in the prefrontal cortex is associated with long-term attention and sociability deficits. <i>Neurobiology of Disease</i> , 2014, 63, 25-34.	4.4	64
8	Recognition memory is impaired in children after prolonged febrile seizures. <i>Brain</i> , 2012, 135, 3153-3164.	7.6	61
9	Symptoms of depression, anxiety, and stress in parents of young children with epilepsy: A case controlled population-based study. <i>Epilepsy and Behavior</i> , 2018, 80, 177-183.	1.7	60
10	Early developmental outcomes in children following convulsive status epilepticus: A longitudinal study. <i>Epilepsia</i> , 2013, 54, 1012-1019.	5.1	59
11	Death within 8 years after childhood convulsive status epilepticus: a population-based study. <i>Brain</i> , 2011, 134, 2819-2827.	7.6	53
12	Short duration waveforms recorded extracellularly from freely moving rats are representative of axonal activity. <i>Frontiers in Neural Circuits</i> , 2013, 7, 181.	2.8	53
13	Long-term prognosis after childhood convulsive status epilepticus: a prospective cohort study. <i>The Lancet Child and Adolescent Health</i> , 2018, 2, 103-111.	5.6	53
14	Impaired cognition in rats with cortical dysplasia: additional impact of early-life seizures. <i>Brain</i> , 2011, 134, 1684-1693.	7.6	52
15	Factors associated with quality of life in active childhood epilepsy: A population-based study. <i>European Journal of Paediatric Neurology</i> , 2015, 19, 308-313.	1.6	51
16	The medical management of the epilepsies in children: conceptual and practical considerations. <i>Lancet Neurology, The</i> , 2008, 7, 57-69.	10.2	50
17	Attention Deficit Associated with Early Life Interictal Spikes in a Rat Model Is Improved with ACTH. <i>PLoS ONE</i> , 2014, 9, e89812.	2.5	44
18	Proteome changes associated with hippocampal MRI abnormalities in the lithium pilocarpine-induced model of convulsive status epilepticus. <i>Proteomics</i> , 2007, 7, 1336-1344.	2.2	35

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19	Current understanding of febrile seizures and their long-term outcomes. <i>Developmental Medicine and Child Neurology</i> , 2020, 62, 1245-1249.	2.1	34
20	Abnormalities in hippocampi remote from the seizure focus: a T2 relaxometry study. <i>Brain</i> , 2003, 126, 1968-1974.	7.6	33
21	State-Dependent Differences in Functional Connectivity in Young Children With Autism Spectrum Disorder. <i>EBioMedicine</i> , 2015, 2, 1905-1915.	6.1	33
22	Enrichment and Training Improve Cognition in Rats with Cortical Malformations. <i>PLoS ONE</i> , 2013, 8, e84492.	2.5	30
23	Temporal Coordination of Hippocampal Neurons Reflects Cognitive Outcome Post-febrile Status Epilepticus. <i>EBioMedicine</i> , 2016, 7, 175-190.	6.1	30
24	The health, education, and social care costs of school-aged children with active epilepsy: A population-based study. <i>Epilepsia</i> , 2015, 56, 1056-1064.	5.1	27
25	WONOEPP APPRAISAL: The many facets of epilepsy networks. <i>Epilepsia</i> , 2018, 59, 1475-1483.	5.1	27
26	Functional Network Changes in Hippocampal CA1 after Status Epilepticus Predict Spatial Memory Deficits in Rats. <i>Journal of Neuroscience</i> , 2012, 32, 11365-11376.	3.6	26
27	What are the effects of prolonged seizures in the brain?. <i>Epileptic Disorders</i> , 2014, 16, S6-11.	1.3	26
28	Features of autism spectrum disorder (ASD) in childhood epilepsy: A population-based study. <i>Epilepsy and Behavior</i> , 2015, 42, 86-92.	1.7	26
29	Parenting stress and perceived stigma in mothers of young children with epilepsy: A case-control study. <i>Epilepsy and Behavior</i> , 2018, 89, 112-117.	1.7	26
30	Experiences and needs of parents of young children with active epilepsy: A population-based study. <i>Epilepsy and Behavior</i> , 2019, 90, 37-44.	1.7	26
31	Symptoms of anxiety and depression in school-aged children with active epilepsy: A population-based study. <i>Epilepsy and Behavior</i> , 2015, 52, 174-179.	1.7	25
32	Intelligence and memory outcomes within 10 years of childhood convulsive status epilepticus. <i>Epilepsy and Behavior</i> , 2019, 95, 18-25.	1.7	25
33	T2 relaxation time post febrile status epilepticus predicts cognitive outcome. <i>Experimental Neurology</i> , 2015, 269, 242-252.	4.1	24
34	The effects of epilepsy surgery on emotions, behavior, and psychosocial impairment in children and adolescents with drug-resistant epilepsy: A prospective study. <i>Epilepsy and Behavior</i> , 2009, 15, 318-324.	1.7	22
35	A comparison of continuous video-EEG monitoring and 30-minute EEG in an ICU. <i>Epileptic Disorders</i> , 2014, 16, 439-448.	1.3	21
36	Consequences of febrile seizures in childhood. <i>Current Opinion in Pediatrics</i> , 2014, 26, 662-667.	2.0	21

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37	Screening for mental health disorders in active childhood epilepsy: Population-based data. <i>Epilepsy Research</i> , 2014, 108, 1917-1926.	1.6	19
38	Oscillation Phase Locking and Late ERP Components of Intracranial Hippocampal Recordings Correlate to Patient Performance in a Working Memory Task. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 287.	2.0	19
39	Efficacy of nonselective optogenetic control of the medial septum over hippocampal oscillations: the influence of speed and implications for cognitive enhancement. <i>Physiological Reports</i> , 2016, 4, e13048.	1.7	19
40	Child and parental sleep in young children with epilepsy: A population-based case-control study. <i>Epilepsia Open</i> , 2018, 3, 383-391.	2.4	19
41	Environmental enrichment normalizes hippocampal timing coding in a malformed hippocampus. <i>PLoS ONE</i> , 2018, 13, e0191488.	2.5	19
42	Long-term white matter tract reorganization following prolonged febrile seizures. <i>Epilepsia</i> , 2017, 58, 772-780.	5.1	18
43	Methodological standards and functional correlates of depth in vivo electrophysiological recordings in control rodents. A TASK 1 WG 3 report of the AES / ILAE Translational Task Force of the ILAE. <i>Epilepsia</i> , 2017, 58, 28-39.	5.1	17
44	Cognitive outcomes following epilepsy in infancy: A longitudinal community-based study. <i>Epilepsia</i> , 2018, 59, 2240-2248.	5.1	16
45	Focal Dorsal Hippocampal Nav1.1 Knock Down Alters Place Cell Temporal Coordination and Spatial Behavior. <i>Cerebral Cortex</i> , 2020, 30, 5049-5066.	2.9	13
46	Long-term outcomes after childhood convulsive status epilepticus. <i>Current Opinion in Pediatrics</i> , 2019, 31, 763-768.	2.0	12
47	Network science for the identification of novel therapeutic targets in epilepsy. <i>F1000Research</i> , 2016, 5, 893.	1.6	11
48	Drug-resistant focal epilepsy in children is associated with increased modal controllability of the whole brain and epileptogenic regions. <i>Communications Biology</i> , 2022, 5, 394.	4.4	11
49	Adverse outcomes following convulsive status epilepticus in children: Relationship with hippocampal injury. <i>Epilepsia</i> , 2010, 51, 178-181.	5.1	10
50	Autism, ADHD and parent-reported behavioural difficulties in young children with epilepsy. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2019, 71, 233-239.	2.0	10
51	Epilepsy and autism spectrum disorders. <i>Neurology</i> , 2016, 87, 130-131.	1.1	9
52	Features of developmental coordination disorder in active childhood epilepsy: a population-based study. <i>Developmental Medicine and Child Neurology</i> , 2015, 57, 829-834.	2.1	7
53	Status Epilepticus Induced Spontaneous Dentate Gyrus Spikes: In Vivo Current Source Density Analysis. <i>PLoS ONE</i> , 2015, 10, e0132630.	2.5	7
54	Mechanisms for Cognitive Impairment in Epilepsy: Moving Beyond Seizures. <i>Frontiers in Neurology</i> , 2022, 13, .	2.4	7

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55	Standard dose valproic acid does not cause additional cognitive impact in a rodent model of intractable epilepsy. <i>Epilepsy Research</i> , 2015, 110, 88-94.	1.6	6
56	ACTH Prevents Deficits in Fear Extinction Associated with Early Life Seizures. <i>Frontiers in Neurology</i> , 2016, 7, 65.	2.4	5
57	Global development and adaptive behaviour in children with early-onset epilepsy: a population-based case-control study. <i>Developmental Medicine and Child Neurology</i> , 2019, 61, 145-151.	2.1	5
58	Brains, complex systems and therapeutic opportunities in epilepsy. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2021, 90, 155-159.	2.0	3
59	Short-Range Temporal Interactions in Sleep; Hippocampal Spike Avalanches Support a Large Milieu of Sequential Activity Including Replay. <i>PLoS ONE</i> , 2016, 11, e0147708.	2.5	3
60	Fine Spike Timing in Hippocampal Prefrontal Ensembles Predicts Poor Encoding and Underlies Behavioral Performance in Healthy and Malformed Brains. <i>Cerebral Cortex</i> , 2021, 31, 147-158.	2.9	2