

# 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  | 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        |
| 2  | Mechanisms for Cognitive Impairment in Epilepsy: Moving Beyond Seizures. <i>Frontiers in Neurology</i> , 2022, 13, .   | 2.4 | 7         |
| 3  | 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         |
| 4  | 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         |
| 5  | Current understanding of febrile seizures and their long-term outcomes. <i>Developmental Medicine and Child Neurology</i> , 2020, 62, 1245-1249.   | 2.1 | 34        |
| 6  | 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        |
| 7  | 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         |
| 8  | 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        |
| 9  | Intelligence and memory outcomes within 10 years of childhood convulsive status epilepticus. <i>Epilepsy and Behavior</i> , 2019, 95, 18-25.   | 1.7 | 25        |
| 10 | Long-term outcomes after childhood convulsive status epilepticus. <i>Current Opinion in Pediatrics</i> , 2019, 31, 763-768.  | 2.0 | 12        |
| 11 | 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        |
| 12 | 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        |
| 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 | 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        |
| 15 | Cognitive outcomes following epilepsy in infancy: A longitudinal community-based study. <i>Epilepsia</i> , 2018, 59, 2240-2248.  | 5.1 | 16        |
| 16 | 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        |
| 17 | WONOE APPRAISAL: The many facets of epilepsy networks. <i>Epilepsia</i> , 2018, 59, 1475-1483.   | 5.1 | 27        |
| 18 | Environmental enrichment normalizes hippocampal timing coding in a malformed hippocampus. <i>PLoS ONE</i> , 2018, 13, e0191488.  | 2.5 | 19        |

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|----|--|------|-----------|
| 19 | Long-term white matter tract reorganization following prolonged febrile seizures. <i>Epilepsia</i> , 2017, 58, 772-780.  | 5.1  | 18        |
| 20 | 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        |
| 21 | ACTH Prevents Deficits in Fear Extinction Associated with Early Life Seizures. <i>Frontiers in Neurology</i> , 2016, 7, 65.  | 2.4  | 5         |
| 22 | 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        |
| 23 | 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        |
| 24 | Temporal Coordination of Hippocampal Neurons Reflects Cognitive Outcome Post-febrile Status Epilepticus. <i>EBioMedicine</i> , 2016, 7, 175-190.   | 6.1  | 30        |
| 25 | Epilepsy and autism spectrum disorders. <i>Neurology</i> , 2016, 87, 130-131.  | 1.1  | 9         |
| 26 | Network science for the identification of novel therapeutic targets in epilepsy. <i>F1000Research</i> , 2016, 5, 893.  | 1.6  | 11        |
| 27 | 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         |
| 28 | State-Dependent Differences in Functional Connectivity in Young Children With Autism Spectrum Disorder. <i>EBioMedicine</i> , 2015, 2, 1905-1915.  | 6.1  | 33        |
| 29 | 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         |
| 30 | 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        |
| 31 | T2 relaxation time post febrile status epilepticus predicts cognitive outcome. <i>Experimental Neurology</i> , 2015, 269, 242-252.   | 4.1  | 24        |
| 32 | 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        |
| 33 | Mutations in SLC12A5 in epilepsy of infancy with migrating focal seizures. <i>Nature Communications</i> , 2015, 6, 8038.   | 12.8 | 160       |
| 34 | 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        |
| 35 | 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        |
| 36 | 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         |

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|----|---|-----|-----------|
| 37 | Status Epilepticus Induced Spontaneous Dentate Gyrus Spikes: In Vivo Current Source Density Analysis. PLoS ONE, 2015, 10, e0132630.   | 2.5 | 7         |
| 38 | A comparison of continuous video-EEG monitoring and 30-minute EEG in an ICU. Epileptic Disorders, 2014, 16, 439-448.  | 1.3 | 21        |
| 39 | Screening for mental health disorders in active childhood epilepsy: Population-based data. Epilepsy Research, 2014, 108, 1917-1926.   | 1.6 | 19        |
| 40 | What are the effects of prolonged seizures in the brain?. Epileptic Disorders, 2014, 16, S6-11.   | 1.3 | 26        |
| 41 | Consequences of febrile seizures in childhood. Current Opinion in Pediatrics, 2014, 26, 662-667.  | 2.0 | 21        |
| 42 | Focal epileptiform activity in the prefrontal cortex is associated with long-term attention and sociability deficits. Neurobiology of Disease, 2014, 63, 25-34.   | 4.4 | 64        |
| 43 | Neurobehavioral Comorbidities in Children With Active Epilepsy: A Population-Based Study. Pediatrics, 2014, 133, e1586-e1593.   | 2.1 | 283       |
| 44 | Attention Deficit Associated with Early Life Interictal Spikes in a Rat Model Is Improved with ACTH. PLoS ONE, 2014, 9, e89812.   | 2.5 | 44        |
| 45 | Early developmental outcomes in children following convulsive status epilepticus: A longitudinal study. Epilepsia, 2013, 54, 1012-1019.   | 5.1 | 59        |
| 46 | A population-based study of newly diagnosed epilepsy in infants. Epilepsia, 2013, 54, 437-445.  | 5.1 | 75        |
| 47 | Enrichment and Training Improve Cognition in Rats with Cortical Malformations. PLoS ONE, 2013, 8, e84492.   | 2.5 | 30        |
| 48 | Short duration waveforms recorded extracellularly from freely moving rats are representative of axonal activity. Frontiers in Neural Circuits, 2013, 7, 181.  | 2.8 | 53        |
| 49 | Functional Network Changes in Hippocampal CA1 after Status Epilepticus Predict Spatial Memory Deficits in Rats. Journal of Neuroscience, 2012, 32, 11365-11376.   | 3.6 | 26        |
| 50 | Recognition memory is impaired in children after prolonged febrile seizures. Brain, 2012, 135, 3153-3164.   | 7.6 | 61        |
| 51 | Impaired cognition in rats with cortical dysplasia: additional impact of early-life seizures. Brain, 2011, 134, 1684-1693.  | 7.6 | 52        |
| 52 | Death within 8 years after childhood convulsive status epilepticus: a population-based study. Brain, 2011, 134, 2819-2827.  | 7.6 | 53        |
| 53 | Adverse outcomes following convulsive status epilepticus in children: Relationship with hippocampal injury. Epilepsia, 2010, 51, 178-181.   | 5.1 | 10        |
| 54 | The effects of epilepsy surgery on emotions, behavior, and psychosocial impairment in children and adolescents with drug-resistant epilepsy: A prospective study. Epilepsy and Behavior, 2009, 15, 318-324. | 1.7 | 22        |

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|----|---|------|-----------|
| 55 | The medical management of the epilepsies in children: conceptual and practical considerations. <i>Lancet Neurology, The</i> , 2008, 7, 57-69.                                     | 10.2 | 50        |
| 56 | 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        |
| 57 | The Epidemiology of Convulsive Status Epilepticus in Children: A Critical Review. <i>Epilepsia</i> , 2007, 48, 1652-1663.   | 5.1  | 106       |
| 58 | 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       |
| 59 | Abnormalities in hippocampi remote from the seizure focus: a T2 relaxometry study. <i>Brain</i> , 2003, 126, 1968-1974.   | 7.6  | 33        |
| 60 | Magnetic resonance imaging findings within 5 days of status epilepticus in childhood. <i>Brain</i> , 2002, 125, 1951-1959.  | 7.6  | 160       |