

Steven Schachter

List of Publications by Year in descending order

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Version: 2024-02-01

165
papers

2,457
citations

567281

15
h-index

839539

18
g-index

175
all docs

175
docs citations

175
times ranked

6257
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of shared heritability in common disorders of the brain. <i>Science</i> , 2018, 360, .	12.6	1,085
2	Seizure detection, seizure prediction, and closed-loop warning systems in epilepsy. <i>Epilepsy and Behavior</i> , 2014, 37, 291-307.	1.7	377
3	Ultra-Rare Genetic Variation in the Epilepsies: A Whole-Exome Sequencing Study of 17,606 Individuals. <i>American Journal of Human Genetics</i> , 2019, 105, 267-282.	6.2	237
4	A Workshop on Antiepileptic Drug Monotherapy Indications. <i>Epilepsia</i> , 2002, 43, 3-27.	5.1	184
5	NON-INVASIVE COMPUTERIZED SYSTEM FOR AUTOMATICALLY INITIATING VAGUS NERVE STIMULATION FOLLOWING PATIENT-SPECIFIC DETECTION OF SEIZURES OR EPILEPTIFORM DISCHARGES. <i>International Journal of Neural Systems</i> , 2009, 19, 157-172.	5.2	78
6	Exploring the efficacy of a 5-day course of transcranial direct current stimulation (TDCS) on depression and memory function in patients with well-controlled temporal lobe epilepsy. <i>Epilepsy and Behavior</i> , 2016, 55, 11-20.	1.7	59
7	Putting it all together: Options for intractable epilepsy. <i>Epilepsy and Behavior</i> , 2018, 88, 33-38.	1.7	59
8	Telephone Validation of the Quality of Life in Epilepsy Inventory-89 (QOLIE-89). <i>Epilepsia</i> , 1999, 40, 97-106.	5.1	55
9	Development of a Body Sensor Network to Detect Motor Patterns of Epileptic Seizures. <i>IEEE Transactions on Biomedical Engineering</i> , 2012, 59, 3204-3211.	4.2	53
10	Epilepsy subtype-specific copy number burden observed in a genome-wide study of 17,458 subjects. <i>Brain</i> , 2020, 143, 2106-2118.	7.6	47
11	Sub-genic intolerance, ClinVar, and the epilepsies: A whole-exome sequencing study of 29,165 individuals. <i>American Journal of Human Genetics</i> , 2021, 108, 965-982.	6.2	35
12	Huperzine A Provides Robust and Sustained Protection against Induced Seizures in Scn1a Mutant Mice. <i>Frontiers in Pharmacology</i> , 2016, 7, 357.	3.5	33
13	Huperzine A: A promising anticonvulsant, disease modifying, and memory enhancing treatment option in Alzheimer's disease. <i>Medical Hypotheses</i> , 2017, 99, 57-62.	1.5	33
14	Double-Blind Randomized Study Comparing Brand-Name and Generic Phenytoin Monotherapy. <i>Epilepsia</i> , 1992, 33, 359-365.	5.1	26
15	Detecting Seizure Onset in the Ambulatory Setting: Demonstrating Feasibility. , 2005, 2005, 3546-50.		23
16	Tools for assessing quality of life in epilepsy patients. <i>Expert Review of Neurotherapeutics</i> , 2013, 13, 1355-1369.	2.8	20
17	Idiopathic Generalized Epilepsies. , 2019, , 121-133.		19
18	Detecting epileptic seizures using wearable sensors. , 2009, , .		14

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19	Herb-drug interaction of gastrodiae rhizoma on carbamazepine: A pharmacokinetic study in rats. <i>Epilepsy Research</i> , 2020, 165, 106376.	1.6	7
20	Alterations in the Timing of Huperzine A Cerebral Pharmacodynamics in the Acute Traumatic Brain Injury Setting. <i>Journal of Neurotrauma</i> , 2018, 35, 393-397.	3.4	6
21	Atypical handedness in mesial temporal lobe epilepsy. <i>Epilepsy and Behavior</i> , 2017, 72, 78-81.	1.7	2
22	Errors in the Diagnosis of Seizure Types and Epilepsy Syndromes. , 0, , 66-96.		1
23	Dentatorubral-Pallidoluysian Atrophy; DRPLA. , 2019, , 330-3305.		1
24	Emerging and Less Common Central Nervous System Viral Encephalitides. , 2019, , 666-675.		1
25	Epilepsy Associated with Inflammatory and Immunological Diseases of the Central Nervous System. , 2019, , 735-748.		1
26	STXBP1 Encephalopathy. , 2019, , 202-205.		1
27	Introduction. <i>International Journal of Neural Systems</i> , 2015, 25, 1503001.	5.2	0
28	Looking back and moving forward. <i>Epilepsy and Behavior</i> , 2015, 44, 250.	1.7	0
29	Introduction. <i>International Journal of Neural Systems</i> , 2017, 27, 1702002.	5.2	0
30	Radiographic Errors in Epilepsy. , 0, , 43-48.		0
31	Mistaking EEG Changes for Epilepsy. , 0, , 25-42.		0
32	Mistaking Nonepileptic Events for Epilepsy. , 0, , 1-24.		0
33	The First Seizure: Is It Epilepsy?. , 0, , 49-65.		0
34	When to Start Treatment?. , 0, , 97-107.		0
35	Which Drug is Best?. , 0, , 108-139.		0
36	How to Optimize Treatment and What can Go Wrong?. , 0, , 140-155.		0

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37	What to Do If Drugs Don't Work?. , 0, , 156-170.		0
38	How to Avoid Management Errors. , 0, , 171-174.		0
39	When to Stop Treatment?. , 0, , 175-188.		0
40	Women with Epilepsy. , 0, , 189-203.		0
41	Management of Psychiatric Issues in Epilepsy. , 0, , 204-214.		0
42	Management of Emergencies in Epilepsy. , 0, , 215-228.		0
43	Management of Social Issues. , 0, , 229-238.		0
44	Introduction. International Journal of Neural Systems, 2019, 29, 1902001.	5.2	0
45	KCNQ2 Encephalopathy. , 2019, , 193-195.		0
46	Urea Cycle Disorders. , 2019, , 305-308.		0
47	Hyperinsulinismâ€“Hyperammonemia and Biotin Pathway Defects. , 2019, , 309-311.		0
48	Other Single-Gene Disorders. , 2019, , 312-325.		0
49	Unverrichtâ€“Lundborg Disease (or Progressive Myoclonus Epilepsy Type 1). , 2019, , 326-329.		0
50	Lafora Body Disease. , 2019, , 336-341.		0
51	Epilepsies in Mitochondrial Cytopathies. , 2019, , 342-351.		0
52	Neuronal Ceroid Lipofuscinoses. , 2019, , 352-358.		0
53	Sialidosis. , 2019, , 359-363.		0
54	Progressive Myoclonic Epilepsies: Other Rarer Causes. , 2019, , 364-368.		0

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55	Tuberous Sclerosis Complex. , 2019, , 369-377.		0
56	Sturge-Weber Syndrome. , 2019, , 382-388.		0
57	Other Neurocutaneous Syndromes. , 2019, , 389-397.		0
58	Copy Number Variations Causing Epilepsy. , 2019, , 398-405.		0
59	MECP2 Duplication Syndrome. , 2019, , 406-410.		0
60	4p Deletion (Wolf-Hirschhorn) Syndrome. , 2019, , 427-430.		0
61	Inverted Duplicated Chromosome 15 (Isodicentric Chromosome 15). , 2019, , 431-434.		0
62	Ring Chromosome 20. , 2019, , 435-438.		0
63	Ring Chromosome 14 and Other Rare Ring Chromosomal Disorders. , 2019, , 439-443.		0
64	Angelman Syndrome. , 2019, , 444-447.		0
65	Hemimegalencephaly. , 2019, , 448-454.		0
66	Focal Cortical Dysplasia. , 2019, , 455-565.		0
67	Agyria-pachygyria band spectrum. , 2019, , 466-474.		0
68	Corpus Callosum and Epilepsies. , 2019, , 475-479.		0
69	Polymicrogyria and Schizencephaly. , 2019, , 480-491.		0
70	Periventricular Nodular Heterotopia. , 2019, , 492-496.		0
71	Microcephaly. , 2019, , 497-507.		0
72	Arachnoid Cysts. , 2019, , 508-512.		0

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73	Disorders Associated with Tubulinopathies and mTORopathies. , 2019, , 513-520.		0
74	Epilepsy Associated with Head Injury. , 2019, , 521-534.		0
75	â€De Novoâ€™ Epilepsy after Neurosurgery. , 2019, , 535-539.		0
76	Epilepsy after epilepsy surgery. , 2019, , 540-550.		0
77	Epilepsy after Abusive Head Trauma. , 2019, , 551-560.		0
78	Epilepsy Associated with Glioma. , 2019, , 561-569.		0
79	Epilepsy Associated with Ganglioglioma, Dysembryoplastic Neuroepithelial Tumor, and Related Tumors. , 2019, , 570-580.		0
80	Hypothalamic Hamartoma and Gelastic Epilepsy. , 2019, , 581-584.		0
81	Epilepsy Associated with Meningioma. , 2019, , 585-588.		0
82	Metastatic Disease. , 2019, , 589-596.		0
83	Epilepsy Associated with Viral Encephalitis. , 2019, , 597-606.		0
84	Bacterial Meningitis and Focal Suppurative Intracranial Infections in Children. , 2019, , 607-615.		0
85	Bacterial Meningitis and Pyogenic Abscess in Adults. , 2019, , 616-627.		0
86	Epilepsy Associated with Malaria. , 2019, , 628-631.		0
87	Epilepsy Associated with Neurocysticercosis. , 2019, , 632-637.		0
88	Other Parasitic Diseases. , 2019, , 638-646.		0
89	Epilepsy Associated with Tuberculosis. , 2019, , 647-655.		0
90	HIV and Seizures. , 2019, , 656-665.		0

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91	Epilepsy Associated with Intracerebral Hemorrhage. , 2019, , 676-684.		0
92	Epilepsy Associated with Subarachnoid Hemorrhage. , 2019, , 685-692.		0
93	Epilepsy and Cerebrovascular Disease. , 2019, , 693-701.		0
94	Epilepsy Associated with Arteriovenous Malformations. , 2019, , 702-707.		0
95	Epilepsy Associated with Cavernous Malformations. , 2019, , 708-713.		0
96	Epilepsy Associated with Other Vascular Disorders. , 2019, , 714-720.		0
97	Rasmussenâ€™s Encephalitis and Related Conditions. , 2019, , 721-726.		0
98	Epilepsy Associated with Systemic Lupus Erythematosus and Other Collagen Vascular Diseases. , 2019, , 727-734.		0
99	Epilepsy in Multiple Sclerosis and Other Acquired Demyelinating Diseases. , 2019, , 749-756.		0
100	Immune-Mediated Epilepsy. , 2019, , 757-762.		0
101	Hippocampal Sclerosis. , 2019, , 763-771.		0
102	Epilepsy Associated with Psychiatric Disorders. , 2019, , 772-776.		0
103	Hydrocephalus and Porencephaly. , 2019, , 777-782.		0
104	Epilepsy Associated with Alzheimerâ€™s Disease and Other Adult Neurodegenerative Disorders. , 2019, , 783-789.		0
105	Epilepsy Associated with Eclampsia and the Posterior Reversible Encephalopathy Syndrome. , 2019, , 790-793.		0
106	Seizures and Epilepsy Associated with Pertussis and Other Vaccinations. , 2019, , 801-804.		0
107	Fever as a Precipitating Factor for Epileptic Seizures. , 2019, , 805-810.		0
108	The Menstrual Cycle and Catamenial Epilepsy. , 2019, , 811-820.		0

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109	Sleep and Epilepsy. , 2019, , 821-829.		0
110	Electrolyte and Sugar Disturbances. , 2019, , 830-838.		0
111	Drug-Induced Seizures. , 2019, , 839-847.		0
112	Recreational and Illicit Drugs Causing Seizures and Epilepsy. , 2019, , 848-851.		0
113	Alcohol- and Toxin-Induced Seizures. , 2019, , 852-862.		0
114	Visual Stimuli, Photosensitivity and Photosensitive Epilepsy. , 2019, , 863-871.		0
115	Startle-Induced and Other Sensory-Induced Epilepsy. , 2019, , 872-877.		0
116	Primary Reading Epilepsy. , 2019, , 878-881.		0
117	Auditory-Induced Epilepsy. , 2019, , 882-887.		0
118	Seizures Induced by Eating, a Rare but Special Form of Reflex Epilepsy. , 2019, , 888-889.		0
119	Hot Water Epilepsy. , 2019, , 890-897.		0
120	Reflex Epilepsy with Higher-Level Processing. , 2019, , 898-903.		0
121	The Causes of Status Epilepticus in Children. , 2019, , 904-913.		0
122	The Common Causes of Convulsive Status Epilepticus in Adults. , 2019, , 914-936.		0
123	Uncommon Causes of Status Epilepticus. , 2019, , 937-945.		0
124	Causes of Nonconvulsive Status Epilepticus in Adults. , 2019, , 946-960.		0
125	The Causes of Epilepsia Partialis Continua. , 2019, , 961-967.		0
126	Concept of Causation in Epilepsy. , 2019, , 1-7.		0

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127	Epileptogenesis in Idiopathic Epilepsy. , 2019 , , 8-23.		0
128	An Introduction to Epilepsy Genetics. , 2019 , , 24-34.		0
129	Epileptogenesis in Symptomatic Epilepsy. , 2019 , , 35-45.		0
130	Animal Models of Causation of Epilepsy. , 2019 , , 46-52.		0
131	Approach to the Diagnosis of Neonatal Seizures. , 2019 , , 53-59.		0
132	Approach to the Genetic Diagnosis of Epileptic Encephalopathies and Developmental Encephalopathies with Epilepsy of Early Childhood. , 2019 , , 60-68.		0
133	Approach to the Diagnosis Of Childhood-Onset Epilepsy Associated with Developmental Delay. , 2019 , , 69-75.		0
134	Approach to the Diagnosis of Cortical Developmental Disorders and their Clinical Genetics. , 2019 , , 76-85.		0
135	Approach to the Diagnosis of the Inborn Errors of Metabolism Associated with Epilepsy and their Clinical Genetics. , 2019 , , 86-94.		0
136	Approach to the Diagnosis of Epilepsy Presenting with Myoclonus. , 2019 , , 95-102.		0
137	Approach to the Diagnosis of Epilepsy Syndromes with Multiple Causes. , 2019 , , 103-111.		0
138	Approach to the Diagnosis of Causation in Epilepsy in Adults. , 2019 , , 112-120.		0
139	Benign Partial Epilepsies of Childhood. , 2019 , , 134-142.		0
140	Benign Familial Neonatal Epilepsy (BFNE). , 2019 , , 143-153.		0
141	Sleep-Related Hypermotor Epilepsy (SHE). , 2019 , , 147-153.		0
142	Genetic Epilepsy with Febrile Seizures Plus (GEFS+). , 2019 , , 154-157.		0
143	Dravet Syndrome and Other SCN1A Disorders. , 2019 , , 158-165.		0
144	Familial Lateral Temporal Lobe Epilepsy. , 2019 , , 166-170.		0

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145	Familial Focal Epilepsy with Variable Foci. , 2019, , 171-174.		0
146	PCDH19 Mutations Related Epilepsy: Phenotype and Genotype. , 2019, , 175-187.		0
147	CDKL5 Encephalopathy. , 2019, , 188-192.		0
148	FOXG1 Encephalopathy. , 2019, , 196-201.		0
149	Rett Syndrome. , 2019, , 206-211.		0
150	Epilepsy and GLUT1 DS. , 2019, , 212-218.		0
151	Other Rare Single-Gene Disorders Causing Epileptic Encephalopathy. , 2019, , 219-224.		0
152	Mitochondrial Epilepsies. , 2019, , 225-233.		0
153	Lysosomal Disorders and Epilepsy. , 2019, , 234-249.		0
154	Peroxisomal Disorders and Epilepsy. , 2019, , 250-254.		0
155	Menkesâ€™ Disease. , 2019, , 255-258.		0
156	Neuroacanthocytosis. , 2019, , 259-262.		0
157	Organic Acid and Amino Acid Metabolism Disorders. , 2019, , 263-273.		0
158	Porphyrias. , 2019, , 274-280.		0
159	Pyridoxine-Dependent Epilepsy. , 2019, , 281-287.		0
160	Fatty Acid Oxidation Disorders. , 2019, , 288-291.		0
161	GABA Syndromes. , 2019, , 292-295.		0
162	Disorders of Creatine Metabolism and Epilepsy. , 2019, , 296-299.		0

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163	Epilepsy Caused by Congenital Disorders of Glycosylation. , 2019, , 300-304.		0
164	Introduction. International Journal of Neural Systems, 2021, 31, 2103007.	5.2	0
165	Introduction. International Journal of Neural Systems, 2020, 30, 2003008.	5.2	0