Alexander Rotenberg

List of Publications by Year
in descending order

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147 papers	10,034 citations	50273 46 h-index	40976 93 g-index
151 all docs	151 docs citations	151 times ranked	11493 citing authors

#	Article	IF	Citations
1	Automated detection of absence seizures using a wearable electroencephalographic device: a phase 3 validation study and feasibility of automated behavioral testing. Epilepsia, 2023, 64, .	5.1	15
2	Biomarkers Obtained by Transcranial Magnetic Stimulation in Neurodevelopmental Disorders. Journal of Clinical Neurophysiology, 2022, 39, 135-148.	1.7	13
3	Quantitative Electroencephalography for Early Detection of Elevated Intracranial Pressure in Critically Ill Children: Case Series and Proposed Protocol. Journal of Child Neurology, 2022, 37, 5-11.	1.4	8
4	Understanding the Molecular Mechanisms of Succinic Semialdehyde Dehydrogenase Deficiency (SSADHD): Towards the Development of SSADH-Targeted Medicine. International Journal of Molecular Sciences, 2022, 23, 2606.	4.1	11
5	Mosaic and non-mosaic protocadherin 19 mutation leads to neuronal hyperexcitability in zebrafish. Neurobiology of Disease, 2022, 169, 105738.	4.4	6
6	Single-stage resection of bottom-of-a-sulcus dysplasia involving eloquent cortex using navigated transcranial magnetic stimulation and intraoperative modalities. Child's Nervous System, 2022, , 1.	1.1	0
7	Preliminary Report of the Safety and Tolerability of 1ÂHz Repetitive Transcranial Magnetic Stimulation in Temporal Lobe Epilepsy. Journal of Central Nervous System Disease, 2022, 14, 117957352210885.	1.9	1
8	Safety and recommendations for TMS use in healthy subjects and patient populations, with updates on training, ethical and regulatory issues: Expert Guidelines. Clinical Neurophysiology, 2021, 132, 269-306.	1.5	553
9	In-session seizures during transcranial direct current stimulation in patients with epilepsy. Brain Stimulation, 2021, 14, 152-153.	1.6	7
10	Transcranial magnetic stimulation as a translational biomarker for AMPA receptor modulation. Translational Psychiatry, 2021, 11, 325.	4.8	7
11	Transcranial Magnetic Stimulation in Succinic Semialdehyde Dehydrogenase Deficiency: A Measure of Maturational Trajectory of Cortical Excitability. Journal of Child Neurology, 2021, 36, 1169-1176.	1.4	2
12	Factors influencing the acute pentylenetetrazoleâ€induced seizure paradigm and a literature review. Annals of Clinical and Translational Neurology, 2021, 8, 1388-1397.	3.7	13
13	Cis P-tau underlies vascular contribution to cognitive impairment and dementia and can be effectively targeted by immunotherapy in mice. Science Translational Medicine, 2021, 13, .	12.4	34
14	Modulation of motor cortical excitability by continuous theta-burst stimulation in adults with autism spectrum disorder. Clinical Neurophysiology, 2021, 132, 1647-1662.	1.5	6
15	Personalised, image-guided, noninvasive brain stimulation in gliomas: Rationale, challenges and opportunities. EBioMedicine, 2021, 70, 103514.	6.1	10
16	A â€œProof of Conceptâ€•Randomized Controlled Trial of a Video Game Requiring Emotional Regulation to Augment Anger Control Training. Frontiers in Psychiatry, 2021, 12, 591906.	2.6	10
17	Clinical Characterization of Epilepsy in Children With Angelman Syndrome. Pediatric Neurology, 2021, 124, 42-50.	2.1	9
18	Neuronal Loss of the Glutamate Transporter GLT-1 Promotes Excitotoxic Injury in the Hippocampus. Frontiers in Cellular Neuroscience, 2021, 15, 788262.	3.7	13

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19	Early Repetitive Transcranial Magnetic Stimulation Exerts Neuroprotective Effects and Improves Motor Functions in Hemiparkinsonian Rats. Neural Plasticity, 2021, 2021, 1-14.	2.2	7
20	Localized Disruption of Blood Albuminâ€“Phenytoin Binding Using Transcranial Focused Ultrasound. Ultrasound in Medicine and Biology, 2020, 46, 1986-1997.	1.5	12
21	Increase in Seizure Susceptibility After Repetitive Concussion Results from Oxidative Stress, Parvalbumin-Positive Interneuron Dysfunction and Biphasic Increases in Glutamate/GABA Ratio. Cerebral Cortex, 2020, 30, 6108-6120.	2.9	22
22	EEG markers predictive of epilepsy risk in pediatric cerebral malaria â€“ A feasibility study. Epilepsy and Behavior, 2020, 113, 107536.	1.7	7
23	Targeting Gammaâ€Related Pathophysiology in Autism Spectrum Disorder Using Transcranial Electrical Stimulation: Opportunities and Challenges. Autism Research, 2020, 13, 1051-1071.	3.8	16
24	Drugâ€Responsive Inhomogeneous Cortical Modulation by Direct Current Stimulation. Annals of Neurology, 2020, 88, 489-502.	5.3	16
25	Cortical Excitability, Synaptic Plasticity, and Cognition in Benign Epilepsy With Centrotemporal Spikes: A Pilot TMS-EMG-EEG Study. Journal of Clinical Neurophysiology, 2020, 37, 170-180.	1.7	15
26	Safety and Tolerability of Repetitive Transcranial Magnetic Stimulation During Pregnancy: A Case Report and Literature Review. Journal of Clinical Neurophysiology, 2020, 37, 164-169.	1.7	7
27	Repurposed molecules for antiepileptogenesis: Missing an opportunity to prevent epilepsy?. Epilepsia, 2020, 61, 359-386.	5.1	57
28	Noninvasive Brain Stimulation in Epilepsy. Journal of Clinical Neurophysiology, 2020, 37, 118-130.	1.7	25
29	Review of Transcranial Magnetic Stimulation in Epilepsy. Clinical Therapeutics, 2020, 42, 1155-1168.	2.5	34
30	Early transcranial direct current stimulation treatment exerts neuroprotective effects on 6-OHDA-induced Parkinsonism in rats. Brain Stimulation, 2020, 13, 655-663.	1.6	18
31	Transcranial magnetic stimulation tracks subminute changes in cortical excitability during propofol anesthesia. Annals of Clinical and Translational Neurology, 2020, 7, 384-389.	3.7	2
32	Safety of rTMS in patients with intracranial metallic objects. Brain Stimulation, 2020, 13, 928-929.	1.6	2
33	Patterns of anti-seizure medication (ASM) use in pediatric patients with surgically managed epilepsy: A retrospective review of data from Boston Childrenâ€™s Hospital. Epilepsy Research, 2020, 160, 106257.	1.6	2
34	Continuous Theta-Burst Stimulation in Children With High-Functioning Autism Spectrum Disorder and Typically Developing Children. Frontiers in Integrative Neuroscience, 2020, 14, 13.	2.1	18
35	The Potential of Repetitive Transcranial Magnetic Stimulation for Autism Spectrum Disorder: A Consensus Statement. Biological Psychiatry, 2019, 85, e21-e22.	1.3	27
36	Maturation of Corticospinal Tracts in Children With Hemiplegic Cerebral Palsy Assessed by Diffusion Tensor Imaging and Transcranial Magnetic Stimulation. Frontiers in Human Neuroscience, 2019, 13, 254.	2.0	18

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37	The Developing Brainâ€"Relevance to Pediatric Neurotechnology. , 2019, , 9-30.		1
38	Electrophysiological Phenotype in Angelman Syndrome Differs Between Genotypes. Biological Psychiatry, 2019, 85, 752-759.	1.3	65
39	Testâ€"Retest Reliability of the Effects of Continuous Theta-Burst Stimulation. Frontiers in Neuroscience, 2019, 13, 447.	2.8	41
40	Recurrent SLC1A2 variants cause epilepsy via a dominant negative mechanism. Annals of Neurology, 2019, 85, 921-926.	5.3	23
41	Neuromodulatory Effects of Transcranial Direct Current Stimulation on Motor Excitability in Rats. Neural Plasticity, 2019, 2019, 1-9.	2.2	12
42	Biomarkers Obtained by Transcranial Magnetic Stimulation of the Motor Cortex in Epilepsy. Frontiers in Integrative Neuroscience, 2019, 13, 57.	2.1	30
43	Regulation of lifespan by neural excitation and REST. Nature, 2019, 574, 359-364.	27.8	153
44	Ceftriaxone Treatment Preserves Cortical Inhibitory Interneuron Function via Transient Salvage of GLT-1 in a Rat Traumatic Brain Injury Model. Cerebral Cortex, 2019, 29, 4506-4518.	2.9	28
45	Dietary, immunological, surgical, and other emerging treatments for pediatric refractory status epilepticus. Seizure: the Journal of the British Epilepsy Association, 2019, 68, 89-96.	2.0	20
46	Succinic semialdehyde dehydrogenase deficiency, a disorder of GABA metabolism: an update on pharmacological and enzymeâ€replacement therapeutic strategies. Journal of Inherited Metabolic Disease, 2018, 41, 699-708.	3.6	30
47	A mouse model of DEPDC5-related epilepsy: Neuronal loss of Depdc5 causes dysplastic and ectopic neurons, increased mTOR signaling, and seizure susceptibility. Neurobiology of Disease, 2018, 111, 91-101.	4.4	79
48	Memantine improves outcomes after repetitive traumatic brain injury. Behavioural Brain Research, 2018, 340, 195-204.	2.2	43
49	Alterations in the Timing of Huperzine A Cerebral Pharmacodynamics in the Acute Traumatic Brain Injury Setting. Journal of Neurotrauma, 2018, 35, 393-397.	3.4	6
50	A randomized controlled trial of levodopa in patients with Angelman syndrome. American Journal of Medical Genetics, Part A, 2018, 176, 1099-1107.	1.2	18
51	Electrographic spikes are common in wildtype mice. Epilepsy and Behavior, 2018, 89, 94-98.	1.7	13
52	De Novo Pathogenic Variants in CACNA1E Cause Developmental and Epileptic Encephalopathy with Contractures, Macrocephaly, and Dyskinesias. American Journal of Human Genetics, 2018, 103, 666-678.	6.2	87
53	mGluR5 Modulation of Behavioral and Epileptic Phenotypes in a Mouse Model of Tuberous Sclerosis Complex. Neuropsychopharmacology, 2018, 43, 1457-1465.	5.4	32
54	Transcranial Magnetic and Direct Current Stimulation in Children. Current Neurology and Neuroscience Reports, 2017, 17, 11.	4.2	118

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55	Surface EEG-Transcranial Direct Current Stimulation (tDCS) Closed-Loop System. International Journal of Neural Systems, 2017, 27, 1750026.	5.2	35
56	Trajectory of Parvalbumin Cell Impairment and Loss of Cortical Inhibition in Traumatic Brain Injury. Cerebral Cortex, 2017, 27, 5509-5524.	2.9	64
57	Huperzine A: A promising anticonvulsant, disease modifying, and memory enhancing treatment option in Alzheimerâ€™s disease. Medical Hypotheses, 2017, 99, 57-62.	1.5	33
58	Interindividual variability in response to continuous theta-burst stimulation in healthy adults. Clinical Neurophysiology, 2017, 128, 2268-2278.	1.5	88
59	Persistent uncrossed corticospinal connections in patients with intractable focal epilepsy. Epilepsy and Behavior, 2017, 75, 66-71.	1.7	6
60	Response to letter to the editor: Safety of transcranial direct current stimulation: Evidence based update 2016. Brain Stimulation, 2017, 10, 986-987.	1.6	8
61	Replicable in vivo physiological and behavioral phenotypes of the Shank3B null mutant mouse model of autism. Molecular Autism, 2017, 8, 26.	4.9	135
62	The Need for Antiepileptic Drug Chronotherapy to Treat Selected Childhood Epilepsy Syndromes and Avert the Harmful Consequences of Drug Resistance. Journal of Central Nervous System Disease, 2017, 9, 117957351668588.	1.9	11
63	The Number of Pulses Needed to Measure Corticospinal Excitability by Navigated Transcranial Magnetic Stimulation: Eyes Open vs. Close Condition. Frontiers in Human Neuroscience, 2017, 11, 121.	2.0	12
64	Neuromodulation in Epilepsy. , 2017, , 619-623.		0
65	Relationship of mechanical impact magnitude to neurologic dysfunction severity in a rat traumatic brain injury model. PLoS ONE, 2017, 12, e0178186.	2.5	29
66	N100 Repetition Suppression Indexes Neuroplastic Defects in Clinical High Risk and Psychotic Youth. Neural Plasticity, 2016, 2016, 1-11.	2.2	6
67	Construction and Evaluation of Rodent-Specific rTMS Coils. Frontiers in Neural Circuits, 2016, 10, 47.	2.8	70
68	Characterizing and Modulating Brain Circuitry through Transcranial Magnetic Stimulation Combined with Electroencephalography. Frontiers in Neural Circuits, 2016, 10, 73.	2.8	113
69	Direct current stimulation induces mGluR5â€dependent neocortical plasticity. Annals of Neurology, 2016, 80, 233-246.	5.3	50
70	Huperzine A as a neuroprotective and antiepileptic drug: a review of preclinical research. Expert Review of Neurotherapeutics, 2016, 16, 671-680.	2.8	65
71	H-coil repetitive transcranial magnetic stimulation for treatment of temporal lobe epilepsy: A case report. Epilepsy & Behavior Case Reports, 2016, 5, 52-56.	1.5	24
72	Bursts of high-frequency repetitive transcranial magnetic stimulation (rTMS), together with lorazepam, suppress seizures in a rat kainate status epilepticus model. Epilepsy and Behavior, 2016, 62, 136-139.	1.7	20

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73	Pediatric Neuromodulation Comes of Age. Journal of Child and Adolescent Psychopharmacology, 2016, 26, 578-581.	1.3	14
74	Safety of Transcranial Direct Current Stimulation: Evidence Based Update 2016. Brain Stimulation, 2016, 9, 641-661.	1.6	971
75	Abnormal Mechanisms of Plasticity and Metaplasticity in Autism Spectrum Disorders and Fragile X Syndrome. Journal of Child and Adolescent Psychopharmacology, 2016, 26, 617-624.	1.3	33
76	Transcranial magnetic stimulation in autism spectrum disorder: Challenges, promise, and roadmap for future research. Autism Research, 2016, 9, 184-203.	3.8	71
77	Safety of repetitive transcranial magnetic stimulation in patients with epilepsy: A systematic review. Epilepsy and Behavior, 2016, 57, 167-176.	1.7	71
78	Noninvasive Brain Stimulation in Pediatric Attention-Deficit Hyperactivity Disorder (ADHD). Journal of Child Neurology, 2016, 31, 784-796.	1.4	53
79	Microarray Noninvasive Neuronal Seizure Recordings from Intact Larval Zebrafish. PLoS ONE, 2016, 11, e0156498.	2.5	24
80	Acute seizure suppression by transcranial direct current stimulation in rats. Annals of Clinical and Translational Neurology, 2015, 2, 843-856.	3.7	48
81	Neurophysiological differences between patients clinically at high risk for schizophrenia and neurotypical controls â€“ first steps in development of a biomarker. BMC Medicine, 2015, 13, 276.	5.5	3
82	Novel Use of Theta Burst Cortical Electrical Stimulation for Modulating Motor Plasticity in Rats. Journal of Medical and Biological Engineering, 2015, 35, 62-68.	1.8	12
83	Antibody against early driver of neurodegeneration cis P-tau blocks brain injury and tauopathy. Nature, 2015, 523, 431-436.	27.8	374
84	Seizure-like activity in a juvenile Angelman syndrome mouse model is attenuated by reducing Arc expression. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 5129-5134.	7.1	66
85	Glutamate and GABA Imbalance Following Traumatic Brain Injury. Current Neurology and Neuroscience Reports, 2015, 15, 27.	4.2	336
86	Conditional Deletion of the Glutamate Transporter GLT-1 Reveals That Astrocytic GLT-1 Protects against Fatal Epilepsy While Neuronal GLT-1 Contributes Significantly to Glutamate Uptake into Synaptosomes. Journal of Neuroscience, 2015, 35, 5187-5201.	3.6	249
87	Huperzine A prophylaxis against pentylenetetrazole-induced seizures in rats is associated with increased cortical inhibition. Epilepsy Research, 2015, 117, 97-103.	1.6	34
88	Early auditory processing evoked potentials (N100) show a continuum of blunting from clinical high risk to psychosis in a pediatric sample. Schizophrenia Research, 2015, 169, 340-345.	2.0	20
89	Functional Dopaminergic Neurons in Substantia Nigra are Required for Transcranial Magnetic Stimulation-Induced Motor Plasticity. Cerebral Cortex, 2015, 25, 1806-1814.	2.9	45
90	Use of Transcranial Magnetic Stimulation in Autism Spectrum Disorders. Journal of Autism and Developmental Disorders, 2015, 45, 524-536.	2.7	66

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91	Suppression of Motor Cortical Excitability in Anesthetized Rats by Low Frequency Repetitive Transcranial Magnetic Stimulation. PLoS ONE, 2014, 9, e91065.	2.5	59
92	Modulation of corticospinal excitability by transcranial magnetic stimulation in children and adolescents with autism spectrum disorder. Frontiers in Human Neuroscience, 2014, 8, 627.	2.0	42
93	EEG abnormalities and seizures in genetically diagnosed Fragile X syndrome. International Journal of Developmental Neuroscience, 2014, 38, 155-160.	1.6	32
94	Passive fMRI mapping of language function for pediatric epilepsy surgical planning: Validation using Wada, ECS, and FMAER. Epilepsy Research, 2014, 108, 1874-1888.	1.6	30
95	Hippocampal immediate early gene transcription in the rat fluid percussion traumatic brain injury model. NeuroReport, 2014, 25, 954-959.	1.2	20
96	Outcomes of vagal nerve stimulation in a pediatric population: A single center experience. Seizure: the Journal of the British Epilepsy Association, 2014, 23, 105-111.	2.0	24
97	Clobazam: Effect on Frequency of Seizures and Safety Profile inÂDifferent Subgroups of Children With Epilepsy. Pediatric Neurology, 2014, 51, 60-66.	2.1	18
98	Comparison of pediatric patients with status epilepticus lasting 5â€“29min versus â‰¥30min. Epilepsy and Behavior, 2014, 37, 1-6.	1.7	12
99	Safety and retention rate of rufinamide in 300 patients: A single pediatric epilepsy center experience. Epilepsia, 2014, 55, 1235-1244.	5.1	21
100	Corticosteroid therapy in regressive autism: a retrospective study of effects on the Frequency Modulated Auditory Evoked Response (FMAER), language, and behavior. BMC Neurology, 2014, 14, 70.	1.8	36
101	A Measure of Acoustic Noise Generated From Transcranial Magnetic StimulationÂCoils. Brain Stimulation, 2014, 7, 432-434.	1.6	30
102	Comparison of risk factors for pediatric convulsive status epilepticus when defined as seizures â‰¥5min versus seizures â‰¥30min. Seizure: the Journal of the British Epilepsy Association, 2014, 23, 692-698.	2.0	8
103	Transcranial magnetic stimulation (TMS) therapy for autism: an international consensus conference held in conjunction with the international meeting for autism research on May 13th and 14th, 2014. Frontiers in Human Neuroscience, 2014, 8, 1034.	2.0	9
104	The Transcranial Magnetic Stimulation (TMS) Device and Foundational Techniques. Neuromethods, 2014, , 3-13.	0.3	19
105	Ceftriaxone Treatment after Traumatic Brain Injury Restores Expression of the Glutamate Transporter, GLT-1, Reduces Regional Gliosis, and Reduces Post-Traumatic Seizures in the Rat. Journal of Neurotrauma, 2013, 30, 1434-1441.	3.4	142
106	The frequency modulated auditory evoked response (FMAER), a technical advance for study of childhood language disorders: cortical source localization and selected case studies. BMC Neurology, 2013, 13, 12.	1.8	19
107	Epilepsy. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2013, 116, 491-497.	1.8	5
108	Transcranial magnetic stimulation for refractory focal status epilepticus in the intensive care unit. Seizure: the Journal of the British Epilepsy Association, 2013, 22, 893-896.	2.0	47

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109	Transcranial Direct Current Stimulation for Treatment of Refractory Childhood FocalÂEpilepsy. Brain Stimulation, 2013, 6, 696-700.	1.6	146
110	Automated quantification of spikes. Epilepsy and Behavior, 2013, 26, 143-152.	1.7	29
111	Patients With Electrical Status Epilepticus in Sleep Share Similar Clinical Features Regardless of Their Focal or Generalized Sleep Potentiation of Epileptiform Activity. Journal of Child Neurology, 2013, 28, 83-89.	1.4	18
112	â€œRAGE-Controlâ€ A Game to Build Emotional Strength. Games for Health Journal, 2013, 2, 53-57.	2.0	30
113	Bumetanide Enhances Phenobarbital Efficacy in a Rat Model of Hypoxic Neonatal Seizures. PLoS ONE, 2013, 8, e57148.	2.5	117
114	Contribution of axonal orientation to pathway-dependent modulation of excitatory transmission by direct current stimulation in isolated rat hippocampus. Journal of Neurophysiology, 2012, 107, 1881-1889.	1.8	195
115	A new measure of cortical inhibition by mechanomyography and paired-pulse transcranial magnetic stimulation in unanesthetized rats. Journal of Neurophysiology, 2012, 107, 966-972.	1.8	45
116	Transcranial magnetic stimulation induces current pulses in transcranial direct current stimulation electrodes. , 2012, 2012, 811-4.		0
117	Short-Term Response of Sleep-Potentiated Spiking to High-Dose Diazepam in Electric Status Epilepticus During Sleep. Pediatric Neurology, 2012, 46, 312-318.	2.1	25
118	Translational Neuromodulation: Approximating Human Transcranial Magnetic Stimulation Protocols in Rats. Neuromodulation, 2012, 15, 296-305.	0.8	34
119	Minimal heating of aneurysm clips during repetitive transcranial magnetic stimulation. Clinical Neurophysiology, 2012, 123, 1471-1473.	1.5	17
120	Clinical research with transcranial direct current stimulation (tDCS): Challenges and future directions. Brain Stimulation, 2012, 5, 175-195.	1.6	1,122
121	Safety and tolerability of repetitive transcranial magnetic stimulation in patients with pathologic positive sensory phenomena: A review of literature. Brain Stimulation, 2012, 5, 320-329.e27.	1.6	33
122	Circadian patterns of generalized tonicâ€“clonic evolutions in pediatric epilepsy patients. Seizure: the Journal of the British Epilepsy Association, 2012, 21, 535-539.	2.0	29
123	Clinical staging and electroencephalographic evolution of continuous spikes and waves during sleep. Epilepsia, 2012, 53, 1185-1195.	5.1	60
124	Transcranial Brain Stimulation: Clinical Applications and Future Directions. Neurosurgery Clinics of North America, 2011, 22, 233-251.	1.7	50
125	An estimate of placebo effect of repetitive transcranial magnetic stimulation in epilepsy. Epilepsy and Behavior, 2011, 20, 355-359.	1.7	58
126	Experience With Lacosamide in a Series of Children With Drug-Resistant Focal Epilepsy. Pediatric Neurology, 2011, 44, 414-419.	2.1	65

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127	Measures of Cortical Inhibition by Paired-Pulse Transcranial Magnetic Stimulation in Anesthetized Rats. Journal of Neurophysiology, 2011, 105, 615-624.	1.8	39
128	Development of later life spontaneous seizures in a rodent model of hypoxiaâ€induced neonatal seizures. Epilepsia, 2011, 52, 753-765.	5.1	102
129	Characterizing Brain Cortical Plasticity and Network Dynamics Across the Age-Span in Health and Disease with TMS-EEG and TMS-fMRI. Brain Topography, 2011, 24, 302-315.	1.8	318
130	Prospects for Clinical Applications of Transcranial Magnetic Stimulation and Real-Time EEG in Epilepsy. Brain Topography, 2010, 22, 257-266.	1.8	47
131	Highâ€dose intravenous levetiracetam for acute seizure exacerbation in children with intractable epilepsy. Epilepsia, 2010, 51, 1319-1322.	5.1	27
132	Transcranial magnetic stimulation provides means to assess cortical plasticity and excitability in humans with fragile X syndrome and autism spectrum disorder. Frontiers in Synaptic Neuroscience, 2010, 2, 26.	2.5	74
133	Lateralization of forelimb motor evoked potentials by transcranial magnetic stimulation in rats. Clinical Neurophysiology, 2010, 121, 104-108.	1.5	73
134	Experience With Rufinamide in a Pediatric Population: A Single Center's Experience. Pediatric Neurology, 2010, 43, 155-158.	2.1	54
135	Repetitive transcranial magnetic stimulation in the treatment of epilepsia partialis continua. Epilepsy and Behavior, 2009, 14, 253-257.	1.7	115
136	In-session seizures during low-frequency repetitive transcranial magnetic stimulation in patients with epilepsy. Epilepsy and Behavior, 2009, 16, 353-355.	1.7	45
137	Safety of 1Hz repetitive transcranial magnetic stimulation (rTMS) in patients with titanium skull plates. Clinical Neurophysiology, 2009, 120, 1417.	1.5	17
138	Seizure suppression by EEG-guided repetitive transcranial magnetic stimulation in the rat. Clinical Neurophysiology, 2008, 119, 2697-2702.	1.5	55
139	Transient suppression of seizures by repetitive transcranial magnetic stimulation in a case of Rasmussenâ€™s encephalitis. Epilepsy and Behavior, 2008, 13, 260-262.	1.7	31
140	Transcranial Magnetic Stimulation in Child Neurology: Current and Future Directions. Journal of Child Neurology, 2008, 23, 79-96.	1.4	149
141	A Mouse Model of Tuberous Sclerosis: Neuronal Loss of Tsc1 Causes Dysplastic and Ectopic Neurons, Reduced Myelination, Seizure Activity, and Limited Survival. Journal of Neuroscience, 2007, 27, 5546-5558.	3.6	410
142	Safety and tolerability of repetitive transcranial magnetic stimulation in patients with epilepsy: a review of the literature. Epilepsy and Behavior, 2007, 10, 521-528.	1.7	176
143	Minimal heating of titanium skull plates during 1Hz repetitive transcranial magnetic stimulation. Clinical Neurophysiology, 2007, 118, 2536-2538.	1.5	31
144	Electroencephalographic recording during transcranial magnetic stimulation in humans and animals. Clinical Neurophysiology, 2006, 117, 1870-1875.	1.5	68

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145	Seizure-Induced Changes in Place Cell Physiology: Relationship to Spatial Memory. Journal of Neuroscience, 2003, 23, 11505-11515.	3.6	111
146	Parallel Instabilities of Long-Term Potentiation, Place Cells, and Learning Caused by Decreased Protein Kinase A Activity. Journal of Neuroscience, 2000, 20, 8096-8102.	3.6	116
147	Mice Expressing Activated CaMKII Lack Low Frequency LTP and Do Not Form Stable Place Cells in the CA1 Region of the Hippocampus. Cell, 1996, 87, 1351-1361.	28.9	243