

Alexander Rotenberg

List of Publications by Year in descending order

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147
papers

10,034
citations

50244

46
h-index

40954

93
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151
all docs

151
docs citations

151
times ranked

11493
citing authors

#	ARTICLE	IF	CITATIONS
1	Clinical research with transcranial direct current stimulation (tDCS): Challenges and future directions. <i>Brain Stimulation</i> , 2012, 5, 175-195.	0.7	1,122
2	Safety of Transcranial Direct Current Stimulation: Evidence Based Update 2016. <i>Brain Stimulation</i> , 2016, 9, 641-661.	0.7	971
3	Safety and recommendations for TMS use in healthy subjects and patient populations, with updates on training, ethical and regulatory issues: Expert Guidelines. <i>Clinical Neurophysiology</i> , 2021, 132, 269-306.	0.7	553
4	A Mouse Model of Tuberous Sclerosis: Neuronal Loss of Tsc1 Causes Dysplastic and Ectopic Neurons, Reduced Myelination, Seizure Activity, and Limited Survival. <i>Journal of Neuroscience</i> , 2007, 27, 5546-5558.	1.7	410
5	Antibody against early driver of neurodegeneration cis P-tau blocks brain injury and tauopathy. <i>Nature</i> , 2015, 523, 431-436.	13.7	374
6	Glutamate and GABA Imbalance Following Traumatic Brain Injury. <i>Current Neurology and Neuroscience Reports</i> , 2015, 15, 27.	2.0	336
7	Characterizing Brain Cortical Plasticity and Network Dynamics Across the Age-Span in Health and Disease with TMS-EEG and TMS-fMRI. <i>Brain Topography</i> , 2011, 24, 302-315.	0.8	318
8	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. <i>Journal of Neuroscience</i> , 2015, 35, 5187-5201.	1.7	249
9	Mice Expressing Activated CaMKII Lack Low Frequency LTP and Do Not Form Stable Place Cells in the CA1 Region of the Hippocampus. <i>Cell</i> , 1996, 87, 1351-1361.	13.5	243
10	Contribution of axonal orientation to pathway-dependent modulation of excitatory transmission by direct current stimulation in isolated rat hippocampus. <i>Journal of Neurophysiology</i> , 2012, 107, 1881-1889.	0.9	195
11	Safety and tolerability of repetitive transcranial magnetic stimulation in patients with epilepsy: a review of the literature. <i>Epilepsy and Behavior</i> , 2007, 10, 521-528.	0.9	176
12	Regulation of lifespan by neural excitation and REST. <i>Nature</i> , 2019, 574, 359-364.	13.7	153
13	Transcranial Magnetic Stimulation in Child Neurology: Current and Future Directions. <i>Journal of Child Neurology</i> , 2008, 23, 79-96.	0.7	149
14	Transcranial Direct Current Stimulation for Treatment of Refractory Childhood Focal Epilepsy. <i>Brain Stimulation</i> , 2013, 6, 696-700.	0.7	146
15	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. <i>Journal of Neurotrauma</i> , 2013, 30, 1434-1441.	1.7	142
16	Replicable in vivo physiological and behavioral phenotypes of the Shank3B null mutant mouse model of autism. <i>Molecular Autism</i> , 2017, 8, 26.	2.6	135
17	Transcranial Magnetic and Direct Current Stimulation in Children. <i>Current Neurology and Neuroscience Reports</i> , 2017, 17, 11.	2.0	118
18	Bumetanide Enhances Phenobarbital Efficacy in a Rat Model of Hypoxic Neonatal Seizures. <i>PLoS ONE</i> , 2013, 8, e57148.	1.1	117

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19	Parallel Instabilities of Long-Term Potentiation, Place Cells, and Learning Caused by Decreased Protein Kinase A Activity. <i>Journal of Neuroscience</i> , 2000, 20, 8096-8102.	1.7	116
20	Repetitive transcranial magnetic stimulation in the treatment of epilepsia partialis continua. <i>Epilepsy and Behavior</i> , 2009, 14, 253-257.	0.9	115
21	Characterizing and Modulating Brain Circuitry through Transcranial Magnetic Stimulation Combined with Electroencephalography. <i>Frontiers in Neural Circuits</i> , 2016, 10, 73.	1.4	113
22	Seizure-Induced Changes in Place Cell Physiology: Relationship to Spatial Memory. <i>Journal of Neuroscience</i> , 2003, 23, 11505-11515.	1.7	111
23	Development of later life spontaneous seizures in a rodent model of hypoxia-induced neonatal seizures. <i>Epilepsia</i> , 2011, 52, 753-765.	2.6	102
24	Interindividual variability in response to continuous theta-burst stimulation in healthy adults. <i>Clinical Neurophysiology</i> , 2017, 128, 2268-2278.	0.7	88
25	De Novo Pathogenic Variants in CACNA1E Cause Developmental and Epileptic Encephalopathy with Contractures, Macrocephaly, and Dyskinesias. <i>American Journal of Human Genetics</i> , 2018, 103, 666-678.	2.6	87
26	A mouse model of DEPDC5-related epilepsy: Neuronal loss of Depdc5 causes dysplastic and ectopic neurons, increased mTOR signaling, and seizure susceptibility. <i>Neurobiology of Disease</i> , 2018, 111, 91-101.	2.1	79
27	Transcranial magnetic stimulation provides means to assess cortical plasticity and excitability in humans with fragile X syndrome and autism spectrum disorder. <i>Frontiers in Synaptic Neuroscience</i> , 2010, 2, 26.	1.3	74
28	Lateralization of forelimb motor evoked potentials by transcranial magnetic stimulation in rats. <i>Clinical Neurophysiology</i> , 2010, 121, 104-108.	0.7	73
29	Transcranial magnetic stimulation in autism spectrum disorder: Challenges, promise, and roadmap for future research. <i>Autism Research</i> , 2016, 9, 184-203.	2.1	71
30	Safety of repetitive transcranial magnetic stimulation in patients with epilepsy: A systematic review. <i>Epilepsy and Behavior</i> , 2016, 57, 167-176.	0.9	71
31	Construction and Evaluation of Rodent-Specific rTMS Coils. <i>Frontiers in Neural Circuits</i> , 2016, 10, 47.	1.4	70
32	Electroencephalographic recording during transcranial magnetic stimulation in humans and animals. <i>Clinical Neurophysiology</i> , 2006, 117, 1870-1875.	0.7	68
33	Seizure-like activity in a juvenile Angelman syndrome mouse model is attenuated by reducing <i>Arc</i> expression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 5129-5134.	3.3	66
34	Use of Transcranial Magnetic Stimulation in Autism Spectrum Disorders. <i>Journal of Autism and Developmental Disorders</i> , 2015, 45, 524-536.	1.7	66
35	Experience With Lacosamide in a Series of Children With Drug-Resistant Focal Epilepsy. <i>Pediatric Neurology</i> , 2011, 44, 414-419.	1.0	65
36	Huperzine A as a neuroprotective and antiepileptic drug: a review of preclinical research. <i>Expert Review of Neurotherapeutics</i> , 2016, 16, 671-680.	1.4	65

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37	Electrophysiological Phenotype in Angelman Syndrome Differs Between Genotypes. <i>Biological Psychiatry</i> , 2019, 85, 752-759.	0.7	65
38	Trajectory of Parvalbumin Cell Impairment and Loss of Cortical Inhibition in Traumatic Brain Injury. <i>Cerebral Cortex</i> , 2017, 27, 5509-5524.	1.6	64
39	Clinical staging and electroencephalographic evolution of continuous spikes and waves during sleep. <i>Epilepsia</i> , 2012, 53, 1185-1195.	2.6	60
40	Suppression of Motor Cortical Excitability in Anesthetized Rats by Low Frequency Repetitive Transcranial Magnetic Stimulation. <i>PLoS ONE</i> , 2014, 9, e91065.	1.1	59
41	An estimate of placebo effect of repetitive transcranial magnetic stimulation in epilepsy. <i>Epilepsy and Behavior</i> , 2011, 20, 355-359.	0.9	58
42	Repurposed molecules for antiepileptogenesis: Missing an opportunity to prevent epilepsy?. <i>Epilepsia</i> , 2020, 61, 359-386.	2.6	57
43	Seizure suppression by EEG-guided repetitive transcranial magnetic stimulation in the rat. <i>Clinical Neurophysiology</i> , 2008, 119, 2697-2702.	0.7	55
44	Experience With Rufinamide in a Pediatric Population: A Single Center's Experience. <i>Pediatric Neurology</i> , 2010, 43, 155-158.	1.0	54
45	Noninvasive Brain Stimulation in Pediatric Attention-Deficit Hyperactivity Disorder (ADHD). <i>Journal of Child Neurology</i> , 2016, 31, 784-796.	0.7	53
46	Transcranial Brain Stimulation: Clinical Applications and Future Directions. <i>Neurosurgery Clinics of North America</i> , 2011, 22, 233-251.	0.8	50
47	Direct current stimulation induces mGluR5-dependent neocortical plasticity. <i>Annals of Neurology</i> , 2016, 80, 233-246.	2.8	50
48	Acute seizure suppression by transcranial direct current stimulation in rats. <i>Annals of Clinical and Translational Neurology</i> , 2015, 2, 843-856.	1.7	48
49	Prospects for Clinical Applications of Transcranial Magnetic Stimulation and Real-Time EEG in Epilepsy. <i>Brain Topography</i> , 2010, 22, 257-266.	0.8	47
50	Transcranial magnetic stimulation for refractory focal status epilepticus in the intensive care unit. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2013, 22, 893-896.	0.9	47
51	In-session seizures during low-frequency repetitive transcranial magnetic stimulation in patients with epilepsy. <i>Epilepsy and Behavior</i> , 2009, 16, 353-355.	0.9	45
52	A new measure of cortical inhibition by mechanomyography and paired-pulse transcranial magnetic stimulation in unanesthetized rats. <i>Journal of Neurophysiology</i> , 2012, 107, 966-972.	0.9	45
53	Functional Dopaminergic Neurons in Substantia Nigra are Required for Transcranial Magnetic Stimulation-Induced Motor Plasticity. <i>Cerebral Cortex</i> , 2015, 25, 1806-1814.	1.6	45
54	Memantine improves outcomes after repetitive traumatic brain injury. <i>Behavioural Brain Research</i> , 2018, 340, 195-204.	1.2	43

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55	Modulation of corticospinal excitability by transcranial magnetic stimulation in children and adolescents with autism spectrum disorder. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 627.	1.0	42
56	Testâ€Retest Reliability of the Effects of Continuous Theta-Burst Stimulation. <i>Frontiers in Neuroscience</i> , 2019, 13, 447.	1.4	41
57	Measures of Cortical Inhibition by Paired-Pulse Transcranial Magnetic Stimulation in Anesthetized Rats. <i>Journal of Neurophysiology</i> , 2011, 105, 615-624.	0.9	39
58	Corticosteroid therapy in regressive autism: a retrospective study of effects on the Frequency Modulated Auditory Evoked Response (FMAER), language, and behavior. <i>BMC Neurology</i> , 2014, 14, 70.	0.8	36
59	Surface EEG-Transcranial Direct Current Stimulation (tDCS) Closed-Loop System. <i>International Journal of Neural Systems</i> , 2017, 27, 1750026.	3.2	35
60	Translational Neuromodulation: Approximating Human Transcranial Magnetic Stimulation Protocols in Rats. <i>Neuromodulation</i> , 2012, 15, 296-305.	0.4	34
61	Huperzine A prophylaxis against pentylenetetrazole-induced seizures in rats is associated with increased cortical inhibition. <i>Epilepsy Research</i> , 2015, 117, 97-103.	0.8	34
62	Review of Transcranial Magnetic Stimulation in Epilepsy. <i>Clinical Therapeutics</i> , 2020, 42, 1155-1168.	1.1	34
63	Cis P-tau underlies vascular contribution to cognitive impairment and dementia and can be effectively targeted by immunotherapy in mice. <i>Science Translational Medicine</i> , 2021, 13, .	5.8	34
64	Safety and tolerability of repetitive transcranial magnetic stimulation in patients with pathologic positive sensory phenomena: A review of literature. <i>Brain Stimulation</i> , 2012, 5, 320-329.e27.	0.7	33
65	Abnormal Mechanisms of Plasticity and Metaplasticity in Autism Spectrum Disorders and Fragile X Syndrome. <i>Journal of Child and Adolescent Psychopharmacology</i> , 2016, 26, 617-624.	0.7	33
66	Huperzine A: A promising anticonvulsant, disease modifying, and memory enhancing treatment option in Alzheimerâ€™s disease. <i>Medical Hypotheses</i> , 2017, 99, 57-62.	0.8	33
67	EEG abnormalities and seizures in genetically diagnosed Fragile X syndrome. <i>International Journal of Developmental Neuroscience</i> , 2014, 38, 155-160.	0.7	32
68	mGluR5 Modulation of Behavioral and Epileptic Phenotypes in a Mouse Model of Tuberous Sclerosis Complex. <i>Neuropsychopharmacology</i> , 2018, 43, 1457-1465.	2.8	32
69	Minimal heating of titanium skull plates during 1Hz repetitive transcranial magnetic stimulation. <i>Clinical Neurophysiology</i> , 2007, 118, 2536-2538.	0.7	31
70	Transient suppression of seizures by repetitive transcranial magnetic stimulation in a case of Rasmussenâ€™s encephalitis. <i>Epilepsy and Behavior</i> , 2008, 13, 260-262.	0.9	31
71	â€œRAGE-Controlâ€ A Game to Build Emotional Strength. <i>Games for Health Journal</i> , 2013, 2, 53-57.	1.1	30
72	Passive fMRI mapping of language function for pediatric epilepsy surgical planning: Validation using Wada, ECS, and FMAER. <i>Epilepsy Research</i> , 2014, 108, 1874-1888.	0.8	30

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73	A Measure of Acoustic Noise Generated From Transcranial Magnetic Stimulation's Coils. <i>Brain Stimulation</i> , 2014, 7, 432-434.	0.7	30
74	Succinic semialdehyde dehydrogenase deficiency, a disorder of GABA metabolism: an update on pharmacological and enzyme replacement therapeutic strategies. <i>Journal of Inherited Metabolic Disease</i> , 2018, 41, 699-708.	1.7	30
75	Biomarkers Obtained by Transcranial Magnetic Stimulation of the Motor Cortex in Epilepsy. <i>Frontiers in Integrative Neuroscience</i> , 2019, 13, 57.	1.0	30
76	Circadian patterns of generalized tonic-clonic evolutions in pediatric epilepsy patients. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2012, 21, 535-539.	0.9	29
77	Automated quantification of spikes. <i>Epilepsy and Behavior</i> , 2013, 26, 143-152.	0.9	29
78	Relationship of mechanical impact magnitude to neurologic dysfunction severity in a rat traumatic brain injury model. <i>PLoS ONE</i> , 2017, 12, e0178186.	1.1	29
79	Ceftriaxone Treatment Preserves Cortical Inhibitory Interneuron Function via Transient Salvage of GLT-1 in a Rat Traumatic Brain Injury Model. <i>Cerebral Cortex</i> , 2019, 29, 4506-4518.	1.6	28
80	High-dose intravenous levetiracetam for acute seizure exacerbation in children with intractable epilepsy. <i>Epilepsia</i> , 2010, 51, 1319-1322.	2.6	27
81	The Potential of Repetitive Transcranial Magnetic Stimulation for Autism Spectrum Disorder: A Consensus Statement. <i>Biological Psychiatry</i> , 2019, 85, e21-e22.	0.7	27
82	Short-Term Response of Sleep-Potentiated Spiking to High-Dose Diazepam in Electric Status Epilepticus During Sleep. <i>Pediatric Neurology</i> , 2012, 46, 312-318.	1.0	25
83	Noninvasive Brain Stimulation in Epilepsy. <i>Journal of Clinical Neurophysiology</i> , 2020, 37, 118-130.	0.9	25
84	Outcomes of vagal nerve stimulation in a pediatric population: A single center experience. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2014, 23, 105-111.	0.9	24
85	H-coil repetitive transcranial magnetic stimulation for treatment of temporal lobe epilepsy: A case report. <i>Epilepsy & Behavior Case Reports</i> , 2016, 5, 52-56.	1.5	24
86	Microarray Noninvasive Neuronal Seizure Recordings from Intact Larval Zebrafish. <i>PLoS ONE</i> , 2016, 11, e0156498.	1.1	24
87	Recurrent SLC1A2 variants cause epilepsy via a dominant negative mechanism. <i>Annals of Neurology</i> , 2019, 85, 921-926.	2.8	23
88	Increase in Seizure Susceptibility After Repetitive Concussion Results from Oxidative Stress, Parvalbumin-Positive Interneuron Dysfunction and Biphasic Increases in Glutamate/GABA Ratio. <i>Cerebral Cortex</i> , 2020, 30, 6108-6120.	1.6	22
89	Safety and retention rate of rufinamide in 300 patients: A single pediatric epilepsy center experience. <i>Epilepsia</i> , 2014, 55, 1235-1244.	2.6	21
90	Hippocampal immediate early gene transcription in the rat fluid percussion traumatic brain injury model. <i>NeuroReport</i> , 2014, 25, 954-959.	0.6	20

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91	Early auditory processing evoked potentials (N100) show a continuum of blunting from clinical high risk to psychosis in a pediatric sample. <i>Schizophrenia Research</i> , 2015, 169, 340-345.	1.1	20
92	Bursts of high-frequency repetitive transcranial magnetic stimulation (rTMS), together with lorazepam, suppress seizures in a rat kainate status epilepticus model. <i>Epilepsy and Behavior</i> , 2016, 62, 136-139.	0.9	20
93	Dietary, immunological, surgical, and other emerging treatments for pediatric refractory status epilepticus. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2019, 68, 89-96.	0.9	20
94	The frequency modulated auditory evoked response (FMAER), a technical advance for study of childhood language disorders: cortical source localization and selected case studies. <i>BMC Neurology</i> , 2013, 13, 12.	0.8	19
95	The Transcranial Magnetic Stimulation (TMS) Device and Foundational Techniques. <i>Neuromethods</i> , 2014, , 3-13.	0.2	19
96	Patients With Electrical Status Epilepticus in Sleep Share Similar Clinical Features Regardless of Their Focal or Generalized Sleep Potentiation of Epileptiform Activity. <i>Journal of Child Neurology</i> , 2013, 28, 83-89.	0.7	18
97	Clobazam: Effect on Frequency of Seizures and Safety Profile in Different Subgroups of Children With Epilepsy. <i>Pediatric Neurology</i> , 2014, 51, 60-66.	1.0	18
98	A randomized controlled trial of levodopa in patients with Angelman syndrome. <i>American Journal of Medical Genetics, Part A</i> , 2018, 176, 1099-1107.	0.7	18
99	Maturation of Corticospinal Tracts in Children With Hemiplegic Cerebral Palsy Assessed by Diffusion Tensor Imaging and Transcranial Magnetic Stimulation. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 254.	1.0	18
100	Early transcranial direct current stimulation treatment exerts neuroprotective effects on 6-OHDA-induced Parkinsonism in rats. <i>Brain Stimulation</i> , 2020, 13, 655-663.	0.7	18
101	Continuous Theta-Burst Stimulation in Children With High-Functioning Autism Spectrum Disorder and Typically Developing Children. <i>Frontiers in Integrative Neuroscience</i> , 2020, 14, 13.	1.0	18
102	Safety of 1Hz repetitive transcranial magnetic stimulation (rTMS) in patients with titanium skull plates. <i>Clinical Neurophysiology</i> , 2009, 120, 1417.	0.7	17
103	Minimal heating of aneurysm clips during repetitive transcranial magnetic stimulation. <i>Clinical Neurophysiology</i> , 2012, 123, 1471-1473.	0.7	17
104	Targeting Gamma-Related Pathophysiology in Autism Spectrum Disorder Using Transcranial Electrical Stimulation: Opportunities and Challenges. <i>Autism Research</i> , 2020, 13, 1051-1071.	2.1	16
105	Drug-Responsive Inhomogeneous Cortical Modulation by Direct Current Stimulation. <i>Annals of Neurology</i> , 2020, 88, 489-502.	2.8	16
106	Cortical Excitability, Synaptic Plasticity, and Cognition in Benign Epilepsy With Centrotemporal Spikes: A Pilot TMS-EMG-EEG Study. <i>Journal of Clinical Neurophysiology</i> , 2020, 37, 170-180.	0.9	15
107	Automated detection of absence seizures using a wearable electroencephalographic device: a phase 3 validation study and feasibility of automated behavioral testing. <i>Epilepsia</i> , 2023, 64, .	2.6	15
108	Pediatric Neuromodulation Comes of Age. <i>Journal of Child and Adolescent Psychopharmacology</i> , 2016, 26, 578-581.	0.7	14

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109	Electrographic spikes are common in wildtype mice. <i>Epilepsy and Behavior</i> , 2018, 89, 94-98.	0.9	13
110	Factors influencing the acute pentylenetetrazole-induced seizure paradigm and a literature review. <i>Annals of Clinical and Translational Neurology</i> , 2021, 8, 1388-1397.	1.7	13
111	Biomarkers Obtained by Transcranial Magnetic Stimulation in Neurodevelopmental Disorders. <i>Journal of Clinical Neurophysiology</i> , 2022, 39, 135-148.	0.9	13
112	Neuronal Loss of the Glutamate Transporter GLT-1 Promotes Excitotoxic Injury in the Hippocampus. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 788262.	1.8	13
113	Comparison of pediatric patients with status epilepticus lasting 5–29min versus ≥30min. <i>Epilepsy and Behavior</i> , 2014, 37, 1-6.	0.9	12
114	Novel Use of Theta Burst Cortical Electrical Stimulation for Modulating Motor Plasticity in Rats. <i>Journal of Medical and Biological Engineering</i> , 2015, 35, 62-68.	1.0	12
115	The Number of Pulses Needed to Measure Corticospinal Excitability by Navigated Transcranial Magnetic Stimulation: Eyes Open vs. Close Condition. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 121.	1.0	12
116	Neuromodulatory Effects of Transcranial Direct Current Stimulation on Motor Excitability in Rats. <i>Neural Plasticity</i> , 2019, 2019, 1-9.	1.0	12
117	Localized Disruption of Blood Albumin-Phenytoin Binding Using Transcranial Focused Ultrasound. <i>Ultrasound in Medicine and Biology</i> , 2020, 46, 1986-1997.	0.7	12
118	The Need for Antiepileptic Drug Chronotherapy to Treat Selected Childhood Epilepsy Syndromes and Avert the Harmful Consequences of Drug Resistance. <i>Journal of Central Nervous System Disease</i> , 2017, 9, 117957351668588.	0.7	11
119	Understanding the Molecular Mechanisms of Succinic Semialdehyde Dehydrogenase Deficiency (SSADHD): Towards the Development of SSADH-Targeted Medicine. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2606.	1.8	11
120	Personalised, image-guided, noninvasive brain stimulation in gliomas: Rationale, challenges and opportunities. <i>EBioMedicine</i> , 2021, 70, 103514.	2.7	10
121	A Proof of Concept Randomized Controlled Trial of a Video Game Requiring Emotional Regulation to Augment Anger Control Training. <i>Frontiers in Psychiatry</i> , 2021, 12, 591906.	1.3	10
122	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. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 1034.	1.0	9
123	Clinical Characterization of Epilepsy in Children With Angelman Syndrome. <i>Pediatric Neurology</i> , 2021, 124, 42-50.	1.0	9
124	Comparison of risk factors for pediatric convulsive status epilepticus when defined as seizures ≥5min versus seizures ≥30min. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2014, 23, 692-698.	0.9	8
125	Response to letter to the editor: Safety of transcranial direct current stimulation: Evidence based update 2016. <i>Brain Stimulation</i> , 2017, 10, 986-987.	0.7	8
126	Quantitative Electroencephalography for Early Detection of Elevated Intracranial Pressure in Critically Ill Children: Case Series and Proposed Protocol. <i>Journal of Child Neurology</i> , 2022, 37, 5-11.	0.7	8

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127	EEG markers predictive of epilepsy risk in pediatric cerebral malaria – A feasibility study. <i>Epilepsy and Behavior</i> , 2020, 113, 107536.	0.9	7
128	Safety and Tolerability of Repetitive Transcranial Magnetic Stimulation During Pregnancy: A Case Report and Literature Review. <i>Journal of Clinical Neurophysiology</i> , 2020, 37, 164-169.	0.9	7
129	In-session seizures during transcranial direct current stimulation in patients with epilepsy. <i>Brain Stimulation</i> , 2021, 14, 152-153.	0.7	7
130	Transcranial magnetic stimulation as a translational biomarker for AMPA receptor modulation. <i>Translational Psychiatry</i> , 2021, 11, 325.	2.4	7
131	Early Repetitive Transcranial Magnetic Stimulation Exerts Neuroprotective Effects and Improves Motor Functions in Hemiparkinsonian Rats. <i>Neural Plasticity</i> , 2021, 2021, 1-14.	1.0	7
132	N100 Repetition Suppression Indexes Neuroplastic Defects in Clinical High Risk and Psychotic Youth. <i>Neural Plasticity</i> , 2016, 2016, 1-11.	1.0	6
133	Persistent uncrossed corticospinal connections in patients with intractable focal epilepsy. <i>Epilepsy and Behavior</i> , 2017, 75, 66-71.	0.9	6
134	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.	1.7	6
135	Modulation of motor cortical excitability by continuous theta-burst stimulation in adults with autism spectrum disorder. <i>Clinical Neurophysiology</i> , 2021, 132, 1647-1662.	0.7	6
136	Mosaic and non-mosaic protocadherin 19 mutation leads to neuronal hyperexcitability in zebrafish. <i>Neurobiology of Disease</i> , 2022, 169, 105738.	2.1	6
137	Epilepsy. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2013, 116, 491-497.	1.0	5
138	Neurophysiological differences between patients clinically at high risk for schizophrenia and neurotypical controls – first steps in development of a biomarker. <i>BMC Medicine</i> , 2015, 13, 276.	2.3	3
139	Transcranial magnetic stimulation tracks subminute changes in cortical excitability during propofol anesthesia. <i>Annals of Clinical and Translational Neurology</i> , 2020, 7, 384-389.	1.7	2
140	Safety of rTMS in patients with intracranial metallic objects. <i>Brain Stimulation</i> , 2020, 13, 928-929.	0.7	2
141	Patterns of anti-seizure medication (ASM) use in pediatric patients with surgically managed epilepsy: A retrospective review of data from Boston Children’s Hospital. <i>Epilepsy Research</i> , 2020, 160, 106257.	0.8	2
142	Transcranial Magnetic Stimulation in Succinic Semialdehyde Dehydrogenase Deficiency: A Measure of Maturational Trajectory of Cortical Excitability. <i>Journal of Child Neurology</i> , 2021, 36, 1169-1176.	0.7	2
143	The Developing Brain – Relevance to Pediatric Neurotechnology. , 2019, , 9-30.		1
144	Preliminary Report of the Safety and Tolerability of 1ÂHz Repetitive Transcranial Magnetic Stimulation in Temporal Lobe Epilepsy. <i>Journal of Central Nervous System Disease</i> , 2022, 14, 117957352210885.	0.7	1

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145	Transcranial magnetic stimulation induces current pulses in transcranial direct current stimulation electrodes. , 2012, 2012, 811-4.		0
146	Neuromodulation in Epilepsy. , 2017, , 619-623.		0
147	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.	0.6	0