Ethan M Goldberg

List of Publications by Year
in descending order

59 papers	3,676 citations	159585 30 h-index	161849 54 g-index
70 all docs	70 docs citations	70 times ranked	5258 citing authors

#	Article	IF	Citations
1	Mechanisms of epileptogenesis: a convergence on neural circuit dysfunction. Nature Reviews Neuroscience, 2013, 14, 337-349.	10.2	396
2	The CD26-Related Dipeptidyl Aminopeptidase-like Protein DPPX Is a Critical Component of Neuronal A-Type K+ Channels. Neuron, 2003, 37, 449-461.	8.1	324
3	Sliced Human Cortical Organoids for Modeling Distinct Cortical Layer Formation. Cell Stem Cell, 2020, 26, 766-781.e9.	11.1	268
4	K+ Channels at the Axon Initial Segment Dampen Near-Threshold Excitability of Neocortical Fast-Spiking GABAergic Interneurons. Neuron, 2008, 58, 387-400.	8.1	224
5	Targeted treatment of migrating partial seizures of infancy with quinidine. Annals of Neurology, 2014, 76, 457-461.	5.3	224
6	GRIN2Bencephalopathy: novel findings on phenotype, variant clustering, functional consequences and treatment aspects. Journal of Medical Genetics, 2017, 54, 460-470.	3.2	190
7	Complementary control of sensory adaptation by two types of cortical interneurons. ELife, 2015, 4, .	6.0	165
8	Smaller Anterior Hippocampal Formation Volume in Antipsychotic-Naive Patients With First-Episode Schizophrenia. American Journal of Psychiatry, 2003, 160, 2190-2197.	7.2	147
9	A Transient Developmental Window of Fast-Spiking Interneuron Dysfunction in a Mouse Model of Dravet Syndrome. Journal of Neuroscience, 2018, 38, 7912-7927.	3.6	119
10	Rapid Developmental Maturation of Neocortical FS Cell Intrinsic Excitability. Cerebral Cortex, 2011, 21, 666-682.	2.9	101
11	Specific Functions of Synaptically Localized Potassium Channels in Synaptic Transmission at the Neocortical GABAergic Fast-Spiking Cell Synapse. Journal of Neuroscience, 2005, 25, 5230-5235.	3.6	93
12	Electrogenic Tuning of the Axon Initial Segment. Neuroscientist, 2009, 15, 651-668.	3.5	88
13	Electrographic seizures and status epilepticus in critically ill children and neonates with encephalopathy. Lancet Neurology, The, 2013, 12, 1170-1179.	10.2	86
14	De novo GABRG2mutations associated with epileptic encephalopathies. Brain, 2017, 140, 49-67.	7.6	80
15	Neurodevelopmental Disorders Caused by De Novo Variants in KCNB1 Genotypes and Phenotypes. JAMA Neurology, 2017, 74, 1228.	9.0	79
16	Vasoactive intestinal peptide-expressing interneurons are impaired in a mouse model of Dravet syndrome. ELife, 2019, 8, .	6.0	70
17	Mutations in SCN3A cause early infantile epileptic encephalopathy. Annals of Neurology, 2018, 83, 703-717.	5.3	69
18	Genotype-phenotype correlations in SCN8A-related disorders reveal prognostic and therapeutic implications. Brain, 2022, 145, 2991-3009.	7.6	69

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19	Antiâ€“N-methyl-D-aspartate Receptor-Mediated Encephalitis in Infants and Toddlers: Case Report and Review of the Literature. Pediatric Neurology, 2014, 50, 181-184.	2.1	66
20	Mitochondrial deficits in human iPSC-derived neurons from patients with 22q11.2 deletion syndrome and schizophrenia. Translational Psychiatry, 2019, 9, 302.	4.8	62
21	Interneuron Desynchronization Precedes Seizures in a Mouse Model of Dravet Syndrome. Journal of Neuroscience, 2020, 40, 2764-2775.	3.6	62
22	Spectrum of K_V2.1 Dysfunction in KCNB1â€Associated Neurodevelopmental Disorders. Annals of Neurology, 2019, 86, 899-912.	5.3	52
23	Precision medicine for genetic epilepsy on the horizon: Recent advances, present challenges, and suggestions for continued progress. Epilepsia, 2022, 63, 2461-2475.	5.1	50
24	Stichodactyla helianthus Peptide, a Pharmacological Tool for Studying Kv3.2 Channels. Molecular Pharmacology, 2005, 67, 1513-1521.	2.3	49
25	IQSEC2-related encephalopathy in males and females: a comparative study including 37 novel patients. Genetics in Medicine, 2019, 21, 837-849.	2.4	47
26	Use of a Dynamic Genetic Testing Approach for Childhood-Onset Epilepsy. JAMA Network Open, 2019, 2, e192129.	5.9	45
27	<scp>SCN3A</scp>â€Related Neurodevelopmental Disorder: A Spectrum of Epilepsy and Brain Malformation. Annals of Neurology, 2020, 88, 348-362.	5.3	42
28	Hippocampal microcircuit dynamics probed using optical imaging approaches. Journal of Physiology, 2011, 589, 1893-1903.	2.9	40
29	Duration of culture and sonic hedgehog signaling differentially specify PV versus SST cortical interneuron fates from embryonic stem cells. Development (Cambridge), 2015, 142, 1267-1278.	2.5	38
30	Anti-NMDA Receptor Encephalitis Presenting with Focal Non-Convulsive Status Epilepticus in a Child. Neuropediatrics, 2011, 42, 188-190.	0.6	36
31	A singleâ€center SCN8Aâ€related epilepsy cohort: clinical, genetic, and physiologic characterization. Annals of Clinical and Translational Neurology, 2019, 6, 1445-1455.	3.7	32
32	Corticohippocampal circuit dysfunction in a mouse model of Dravet syndrome. ELife, 2022, 11, .	6.0	28
33	Reply. Annals of Neurology, 2016, 79, 503-504.	5.3	27
34	Developmentally regulated impairment of parvalbumin interneuron synaptic transmission in an experimental model of Dravet syndrome. Cell Reports, 2022, 38, 110580.	6.4	21
35	Two-photon calcium imaging of seizures in awake, head-fixed mice. Cell Calcium, 2021, 96, 102380.	2.4	19
36	Assessing seizure burden in pediatric epilepsy using an electronic medical recordâ€“based tool through a common data element approach. Epilepsia, 2021, 62, 1617-1628.	5.1	19

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37	A patient with lissencephaly, developmental delay, and infantile spasms, due to de novo heterozygous mutation of <scp>KIF</scp> 2A . Molecular Genetics & Genomic Medicine, 2016, 4, 599-603.	1.2	18
38	Atypical Syncope in a Child Due to a Colloid Cyst of the Third Ventricle. Pediatric Neurology, 2011, 45, 331-334.	2.1	15
39	Variants in GNAI1 cause a syndrome associated with variable features including developmental delay, seizures, and hypotonia. Genetics in Medicine, 2021, 23, 881-887.	2.4	13
40	Respiratory failure, cleft palate and epilepsy in the mouse model of human Xq22.1 deletion syndrome. Human Molecular Genetics, 2014, 23, 3823-3829.	2.9	12
41	A Role for Vasoactive Intestinal Peptide Interneurons in Neurodevelopmental Disorders. Developmental Neuroscience, 2021, 43, 168-180.	2.0	11
42	Spectrum of Phenotypic, Genetic, and Functional Characteristics in Patients With Epilepsy With KCNC2 Pathogenic Variants. Neurology, 2022, 98, .	1.1	11
43	Polymicrogyria and Intractable Epilepsy in Siblings With Knobloch Syndrome and Homozygous Mutation of COL18A1. Pediatric Neurology, 2017, 76, 91-92.	2.1	10
44	Prenatal Diagnosis of Hemimegalencephaly. World Neurosurgery, 2014, 82, 241.e5-241.e8.	1.3	9
45	An Atypical Presentation of a Male with Oral-Facial-Digital Syndrome Type 1 Related Ciliopathy. Case Reports in Nephrology, 2016, 2016, 1-4.	0.4	8
46	Fever and Bulging Fontanelle Mimicking Meningitis in an Infant Diagnosed With Benign Intracranial Hypertension. Pediatric Emergency Care, 2013, 29, 513-514.	0.9	7
47	Seizing the Opportunity: Stem Cells Take On Epilepsy. Cell Stem Cell, 2014, 15, 527-528.	11.1	7
48	Gene Therapy in Models of Severe Epilepsy due to Sodium Channelopathy. Epilepsy Currents, 2020, 20, 214-217.	0.8	4
49	Rational Small Molecule Treatment for Genetic Epilepsies. Neurotherapeutics, 2021, 18, 1490-1499.	4.4	4
50	The dose makes the poisonâ€"Novel insights into Dravet syndrome and SCN1A regulation through nonproductive splicing. PLoS Genetics, 2021, 17, e1009214.	3.5	4
51	Seizure and Altered Mental Status in a 12-Year-Old Child With Shigella sonnei Gastroenteritis. Pediatric Emergency Care, 2011, 27, 135-137.	0.9	2
52	Reply to â€œRecurrent SCN3A p.Ile875Thr variant in patients with polymicrogyriaâ€• Annals of Neurology, 2018, 84, 161-161.	5.3	1
53	2P or not 2P: The Question of Seizure Initiation. Epilepsy Currents, 2020, 20, 291-293.	0.8	1
54	Getting a Foot IN the Door: GABAergic INterneuron-Specific Enhancers. Epilepsy Currents, 2021, 21, 114-116.	0.8	0

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55	Towards Targeted Therapy for Neurodevelopmental Disorders Symposium. Developmental Neuroscience, 2021, 43, 141-142.	2.0	0
56	The Course of Inhibition Never Did Run Smooth: Parvalbumin Interneuron Dysfunction in a Mouse Model of Lissencephaly. Epilepsy Currents, 2021, 21, 153575972110129.	0.8	0
57	IL1RAPL1 Gene Deletion in a Female Patient with Developmental Delay and Continuous Spike-Wave during Sleep. Journal of Pediatric Epilepsy, 0, , .	0.2	0
58	REVing up the Brain: A Mechanism Driving Seizure Timing. Epilepsy Currents, 2022, 22, 153575972110542.	0.8	0
59	All our knowledge begins with the antisenses. Journal of Clinical Investigation, 2021, 131, .	8.2	0