Matthew P Anderson

List of Publications by Year
in descending order

57 papers	7,202 citations	230014 27 h-index	206121 51 g-index
60 all docs	60 docs citations	60 times ranked	5373 citing authors

#	Article	IF	Citations
1	Circadian Rhythms and Sleep Are Dependent Upon Expression Levels of Key Ubiquitin Ligase Ube3a. Frontiers in Behavioral Neuroscience, 2022, 16, 837523.	1.0	6
2	Postmortem Analyses in a Patient With Succinic Semialdehyde Dehydrogenase Deficiency (SSADHD): II. Histological, Lipid, and Gene Expression Outcomes in Regional Brain Tissue. Journal of Child Neurology, 2021, 36, 1177-1188.	0.7	7
3	Genotype and defects in microtubule-based motility correlate with clinical severity in KIF1A-associated neurological disorder. Human Genetics and Genomics Advances, 2021, 2, 100026.	1.0	34
4	Autism BrainNet: A Collaboration Between Medical Examiners, Pathologists, Researchers, and Families to Advance the Understanding and Treatment of Autism Spectrum Disorder. Archives of Pathology and Laboratory Medicine, 2021, 145, 494-501.	1.2	1
5	Maternal immune activation alters visual acuity and retinogeniculate axon pruning in offspring mice. Brain, Behavior, and Immunity, 2020, 89, 518-523.	2.0	2
6	Epstein Barr virus associated smooth muscle tumors in the central nervous system: a case report and systematic review of the literature. Journal of Neuro-Oncology, 2020, 147, 247-260.	1.4	4
7	T lymphocytes and cytotoxic astrocyte blebs correlate across autism brains. Annals of Neurology, 2019, 86, 885-898.	2.8	53
8	Lymphocytic ganglionitis leading to megacolon in lymphocyte-rich glioblastoma. Journal of Neuroimmunology, 2019, 337, 577075.	1.1	1
9	Recent genetic and functional insights in autism spectrum disorder. Current Opinion in Neurology, 2019, 32, 627-634.	1.8	7
10	Accelerated growth of hemangioblastoma in pregnancy: the role of proangiogenic factors and upregulation of hypoxia-inducible factor (HIF) in a non-oxygen-dependent pathway. Neurosurgical Review, 2019, 42, 209-226.	1.2	14
11	Granular cell tumor of the infundibulum: a systematic review of MR-radiography, pathology, and clinical findings. Journal of Neuro-Oncology, 2018, 140, 181-198.	1.4	8
12	Autism BrainNet. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2018, 150, 31-39.	1.0	11
13	DEPDC5 takes a second hit in familial focal epilepsy. Journal of Clinical Investigation, 2018, 128, 2194-2196.	3.9	8
14	Hypersociability in the Angelman syndrome mouse model. Experimental Neurology, 2017, 293, 137-143.	2.0	22
15	Autism gene Ube3a and seizures impair sociability by repressing VTA Cbln1. Nature, 2017, 543, 507-512.	13.7	125
16	Tanycytic ependymoma of the brain stem, presentations of rare cystic disease variants and review of literature. Journal of Neurosurgical Sciences, 2017, 62, 78-88.	0.3	4
17	Low-Voltage-Activated Ca V 3.1 Calcium Channels Shape T Helper Cell Cytokine Profiles. Immunity, 2016, 44, 782-794.	6.6	35
18	JC Virus Infects Neurons and Glial Cells in the Hippocampus. Journal of Neuropathology and Experimental Neurology, 2016, 75, 712-717.	0.9	11

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19	Hypervascular glioblastoma multiforme or arteriovenous malformation associated Glioma? A diagnostic and therapeutic challenge: A case report. , 2016, 7, 883.		3
20	Î±â€synuclein pathology accumulates in sacral spinal visceral sensory pathways. Annals of Neurology, 2015, 78, 142-149.	2.8	42
21	Self-regulation of adult thalamocortical neurons. Journal of Neurophysiology, 2015, 114, 323-331.	0.9	4
22	Complex single step skull reconstruction in Gorhamâ€™s disease - a technical report and review of the literature. BMC Surgery, 2015, 15, 24.	0.6	4
23	Glutamatergic neuron-targeted loss of LGI1 epilepsy gene results in seizures. Brain, 2014, 137, 2984-2996.	3.7	43
24	Hyperintense cortical signal on magnetic resonance imaging reflects focal leukocortical encephalitis and seizure risk in progressive multifocal leukoencephalopathy. Annals of Neurology, 2014, 75, 659-669.	2.8	32
25	Postictal bradyarrhythmia following an isolated seizure in a patient with left hemisphere stroke. Seizure: the Journal of the British Epilepsy Association, 2013, 22, 908-910.	0.9	0
26	"Hitting all the right markers to save a life" Solitary fibrous tumors of the central nervous system: Case series and review of the literature. , 2012, 3, 83.		9
27	Epilepsy GeneLGI1Regulates Postnatal Developmental Remodeling of Retinogeniculate Synapses. Journal of Neuroscience, 2012, 32, 903-910.	1.7	22
28	Maternal Immune Activation Increases Neonatal Mouse Cortex Thickness and Cell Density. Journal of NeuroImmune Pharmacology, 2012, 7, 529-532.	2.1	31
29	Mutant LGI1 inhibits seizureâ€induced trafficking of Kv4.2 potassium channels. Journal of Neurochemistry, 2012, 120, 611-621.	2.1	10
30	Pyramidal Neuron Axon Initial Segment Dysregulation in Nav Î²1 Subunit Epilepsy: A Tip of the Iceberg?. Epilepsy Currents, 2011, 11, 33-34.	0.4	0
31	Transplanted Hypothalamic Neurons Restore Leptin Signaling and Ameliorate Obesity in db/db Mice. Science, 2011, 334, 1133-1137.	6.0	60
32	Increased Gene Dosage of Ube3a Results in Autism Traits and Decreased Glutamate Synaptic Transmission in Mice. Science Translational Medicine, 2011, 3, 103ra97.	5.8	236
33	Arrested Glutamatergic Synapse Development in Human Partial Epilepsy. Epilepsy Currents, 2010, 10, 153-158.	0.4	11
34	Fulminant JC virus encephalopathy with productive infection of cortical pyramidal neurons. Annals of Neurology, 2009, 65, 742-748.	2.8	113
35	Arrested maturation of excitatory synapses in autosomal dominant lateral temporal lobe epilepsy. Nature Medicine, 2009, 15, 1208-1214.	15.2	164
36	Acute infarction of meningioma demonstrated by diffusion-weighted MR imaging. Journal of Neuro-Oncology, 2008, 90, 275-278.	1.4	3

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37	Bridging from Cells to Cognition in Autism Pathophysiology: Biological Pathways to Defective Brain Function and Plasticity. American Journal of Biochemistry and Biotechnology, 2008, 4, 167-176.	0.1	64
38	An Expanding Spectrum of Autism Models. , 2008, , 429-463.		3
39	Differential regulation of action potential firing in adult murine thalamocortical neurons by Kv3.2, Kv1, and SK potassium and Nâ€type calcium channels. Journal of Physiology, 2007, 584, 565-582.	1.3	44
40	Thalamic Cav3.1 T-type Ca2+ channel plays a crucial role in stabilizing sleep. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 1743-1748.	3.3	180
41	Chapter 7 The CFTR Chloride Channel. Current Topics in Membranes, 1994, 42, 153-171.	0.5	3
42	Dysfunction of CFTR bearing the AF508 mutation. Journal of Cell Science, 1993, 1993, 235-239.	1.2	36
43	Regulation by ATP and ADP of CFTR chloride channels that contain mutant nucleotide-binding domains. Science, 1992, 257, 1701-1704.	6.0	230
44	Cystic fibrosis transmembrane conductance regulator: A chloride channel with novel regulation. Neuron, 1992, 8, 821-829.	3.8	226
45	Processing of mutant cystic fibrosis transmembrane conductance regulator is temperature-sensitive. Nature, 1992, 358, 761-764.	13.7	1,193
46	Function and Regulation of the Cystic Fibrosis Transmembrane Conductance Regulator. , 1992, , 399-413.		0
47	Nucleoside triphosphates are required to open the CFTR chloride channel. Cell, 1991, 67, 775-784.	13.5	519
48	Calcium and cAMP activate different chloride channels in the apical membrane of normal and cystic fibrosis epithelia.. Proceedings of the National Academy of Sciences of the United States of America, 1991, 88, 6003-6007.	3.3	373
49	Effect of deleting the R domain on CFTR-generated chloride channels. Science, 1991, 253, 205-207.	6.0	270
50	Generation of cAMP-activated chloride currents by expression of CFTR. Science, 1991, 251, 679-682.	6.0	579
51	Demonstration that CFTR is a chloride channel by alteration of its anion selectivity. Science, 1991, 253, 202-205.	6.0	1,103
52	Identification and regulation of the cystic fibrosis transmembrane conductance regulator-generated chloride channel.. Journal of Clinical Investigation, 1991, 88, 1422-1431.	3.9	229
53	Expression of cystic fibrosis transmembrane conductance regulator corrects defective chloride channel regulation in cystic fibrosis airway epithelial cells. Nature, 1990, 347, 358-363.	13.7	649
54	Fatty acids inhibit apical membrane chloride channels in airway epithelia.. Proceedings of the National Academy of Sciences of the United States of America, 1990, 87, 7334-7338.	3.3	105

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55	Response Chloride Channels in Cystic Fibrosis Patients. Science, 1990, 247, 222-222.	6.0	1
56	Regulation of chloride channels by protein kinase C in normal and cystic fibrosis airway epithelia. Science, 1989, 244, 1353-1356.	6.0	242
57	Phosphorylation-Dependent Regulation of Apical Membrane Chloride Channels in Normal and Cystic Fibrosis Airway Epithelium. Annals of the New York Academy of Sciences, 1989, 574, 44-51.	1.8	10