Jamie L Maguire

List of Publications by Year
in descending order

80	5,295	101496	91828
papers	citations	36 h-index	69 g-index

88	88	88	5969
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Allopregnanolone Mediates Affective Switching Through Modulation of Oscillatory States in the Basolateral Amygdala. Biological Psychiatry, 2022, 91, 283-293.	0.7	47
2	Inhibiting with-no-lysine kinases enhances K+/Clâ^' cotransporter 2 activity and limits status epilepticus. Brain, 2022, 145, 950-963.	3.7	10
3	Interneurons direct circuit-specific flow of information to communicate stressful experiences. Neuron, 2022, 110, 911-913.	3.8	0
4	Gq neuromodulation of BLA parvalbumin interneurons induces burst firing and mediates fear-associated network and behavioral state transition in mice. Nature Communications, 2022, 13, 1290.	5.8	15
5	Sex Differences in the Alcohol-Mediated Modulation of BLA Network States. ENeuro, 2022, 9, ENEURO.0010-22.2022.	0.9	5
6	Same Channel, Different Tune. Epilepsy Currents, 2021, 21, 111-113.	0.4	1
7	Hypothalamic-pituitary-adrenal axis targets for the treatment of epilepsy. Neuroscience Letters, 2021, 746, 135618.	1.0	24
8	Postpartum State, but Not Maternal Caregiving or Level of Anxiety, Increases Medial Prefrontal Cortex GAD65 and vGAT in Female Rats. Frontiers in Global Women S Health, 2021, 2, 746518.	1.1	3
9	Mind the Gate to Improve Comorbid Cognitive Impairments in Epilepsy. Epilepsy Currents, 2020, 20, 61-63.	0.4	1
10	How Deep Learning Solved My Seizure Detection Problems. Epilepsy Currents, 2020, 20, 306-308.	0.4	4
11	Neurobiology of maternal mental illness. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2020, 171, 97-116.	1.0	12
12	Colonization with the commensal fungus Candida albicans perturbs the gut-brain axis through dysregulation of endocannabinoid signaling. Psychoneuroendocrinology, 2020, 121, 104808.	1.3	23
13	Essential and sex-specific effects of mGluR5 in ventromedial hypothalamus regulating estrogen signaling and glucose balance. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 19566-19577.	3.3	17
14	Experience-dependent resonance in amygdalo-cortical circuits supports fear memory retrieval following extinction. Nature Communications, 2020, 11, 4358.	5.8	47
15	Sex Differences in the Epilepsies and Associated Comorbidities: Implications for Use and Development of Pharmacotherapies. Pharmacological Reviews, 2020, 72, 767-800.	7.1	58
16	The intersections of stress, anxiety and epilepsy. International Review of Neurobiology, 2020, 152, 195-219.	0.9	23
17	Alterations in chloride transporter activity in stress and depression. , 2020, , 617-639.		1
18	Network Dysfunction in Comorbid Psychiatric Illnesses and Epilepsy. Epilepsy Currents, 2020, 20, 205-210.	0.4	21

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19	Hormonal and immunological factors in postpartum psychosis. , 2020, , 159-179.		1
20	Get With the (Developmental) Program. Epilepsy Currents, 2020, 20, 102-104.	0.4	0
21	Preventing neuronal edema increases network excitability after traumatic brain injury. Journal of Clinical Investigation, 2020, 130, 6005-6020.	3.9	22
22	RASGRF1 in CRF cells controls the early adolescent female response to repeated stress. Journal of Endocrinology, 2020, 245, 397-410.	1.2	3
23	Mechanisms of Psychiatric Comorbidities in Epilepsy. Current Topics in Behavioral Neurosciences, 2020, , 107-144.	0.8	2
24	Interneuronal Î´-GABAA receptors regulate binge drinking and are necessary for the behavioral effects of early withdrawal. Neuropsychopharmacology, 2019, 44, 425-434.	2.8	13
25	Allopregnanolone-based treatments for postpartum depression: Why/how do they work?. Neurobiology of Stress, 2019, 11, 100198.	1.9	62
26	What Do We Want? INHIBITION. When Do We Want it? NOW. Epilepsy Currents, 2019, 19, 402-404.	0.4	0
27	Allopregnanolone is required for prepulse inhibition deficits induced by D1 dopamine receptor activation. Psychoneuroendocrinology, 2019, 108, 53-61.	1.3	13
28	Female-specific decreases in alcohol binge-like drinking resulting from GABAA receptor delta-subunit knockdown in the VTA. Scientific Reports, 2019, 9, 8102.	1.6	14
29	Neuroactive Steroids and GABAergic Involvement in the Neuroendocrine Dysfunction Associated With Major Depressive Disorder and Postpartum Depression. Frontiers in Cellular Neuroscience, 2019, 13, 83.	1.8	66
30	Stress: Influence of sex, reproductive status and gender. Neurobiology of Stress, 2019, 10, 100155.	1.9	101
31	Pathophysiological mechanisms implicated in postpartum depression. Frontiers in Neuroendocrinology, 2019, 52, 165-180.	2.5	198
32	Inability to suppress the stress-induced activation of the HPA axis during the peripartum period engenders deficits in postpartum behaviors in mice. Psychoneuroendocrinology, 2018, 90, 182-193.	1.3	60
33	Seizure-induced activation of the HPA axis increases seizure frequency and comorbid depression-like behaviors. Epilepsy and Behavior, 2018, 78, 124-133.	0.9	37
34	The relationship between GABA and stress: â€˜it's complicatedâ€™. Journal of Physiology, 2018, 596, 1781-1782.	1.3	4
35	A Novel, Synthetic, Neuroactive Steroid Is Effective at Decreasing Depression-Like Behaviors and Improving Maternal Care in Preclinical Models of Postpartum Depression. Frontiers in Endocrinology, 2018, 9, 703.	1.5	51
36	Hippocampal corticotropin-releasing hormone neurons support recognition memory and modulate hippocampal excitability. PLoS ONE, 2018, 13, e0191363.	1.1	14

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37	Cellular and oscillatory substrates of fear extinction learning. Nature Neuroscience, 2017, 20, 1624-1633.	7.1	91
38	Estradiol modulates the efficacy of synaptic inhibition by decreasing the dwell time of GABA_Areceptors at inhibitory synapses. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 11763-11768.	3.3	57
39	Calming down during Coming of Age. Epilepsy Currents, 2017, 17, 57-59.	0.4	0
40	Behavioral Deficits in Juveniles Mediated by Maternal Stress Hormones in Mice. Neural Plasticity, 2016, 2016, 1-13.	1.0	25
41	Bumetanide reduces seizure progression and the development of pharmacoresistant status epilepticus. Epilepsia, 2016, 57, 222-232.	2.6	54
42	BMI-for-Age and Weight-for-Length in Children 0 to 2 Years. Pediatrics, 2016, 138, .	1.0	50
43	Reduced tonic inhibition in the dentate gyrus contributes to chronic stressâ€induced impairments in learning and memory. Hippocampus, 2016, 26, 1276-1290.	0.9	36
44	Compromised GABAergic inhibition contributes to tumor-associated epilepsy. Epilepsy Research, 2016, 126, 185-196.	0.8	31
45	Characterization of a novel subtype of hippocampal interneurons that express corticotropin-releasing hormone. Hippocampus, 2016, 26, 41-53.	0.9	18
46	Synaptic plasticity and contextâ€dependent behavioral responses expand the repertoire of stress reactivity (retrospective on DOI 10.1002/bies.201300178). BioEssays, 2016, 38, 1066-1067.	1.2	0
47	GABAergic regulation of the HPA and HPG axes and the impact of stress on reproductive function. Journal of Steroid Biochemistry and Molecular Biology, 2016, 160, 196-203.	1.2	54
48	A Core Outcome Set for Children With Feeding Tubes and Neurologic Impairment: A Systematic Review. Pediatrics, 2016, 138, .	1.0	28
49	Implicating Interneurons: Optogenetic Studies Suggest that Interneurons Are Guilty of Contributing to Epileptiform Activity. Epilepsy Currents, 2015, 15, 213-216.	0.4	6
50	Primed for Problems: Stress Confers Vulnerability to Epilepsy and Associated Comorbidities. Epilepsy Currents, 2015, 15, 344-346.	0.4	3
51	Selective Inhibition of KCC2 Leads to Hyperexcitability and Epileptiform Discharges in Hippocampal Slices andIn Vivo. Journal of Neuroscience, 2015, 35, 8291-8296.	1.7	87
52	Compromising the phosphodependent regulation of the GABA _A R Î²3 subunit reproduces the core phenotypes of autism spectrum disorders. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 14805-14810.	3.3	41
53	Chronic stress shifts the GABA reversal potential in the hippocampus and increases seizure susceptibility. Epilepsy Research, 2015, 109, 13-27.	0.8	97
54	Stress-induced plasticity of GABAergic inhibition. Frontiers in Cellular Neuroscience, 2014, 8, 157.	1.8	84

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55	The impact of tonic GABAA receptor-mediated inhibition on neuronal excitability varies across brain region and cell type. Frontiers in Neural Circuits, 2014, 8, 3.	1.4	180
56	Plasticity in the GABAergic regulation of the HPA axis (comment on DOI 10.1002/bies.201300178). BioEssays, 2014, 36, 546-546.	1.2	1
57	Loss of Gabrd in CRH neurons blunts the corticosterone response to stress and diminishes stress-related behaviors. Psychoneuroendocrinology, 2014, 41, 75-88.	1.3	31
58	The role of ovarian hormone-derived neurosteroids on the regulation of GABAA receptors in affective disorders. Psychopharmacology, 2014, 231, 3333-3342.	1.5	69
59	Gabapentin attenuates hyperexcitability in the freeze-lesion model of developmental cortical malformation. Neurobiology of Disease, 2014, 71, 305-316.	2.1	31
60	Neurosteroids promote phosphorylation and membrane insertion of extrasynaptic GABA _A receptors. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 7132-7137.	3.3	95
61	Seizure-induced disinhibition of the HPA axis increases seizure susceptibility. Epilepsy Research, 2014, 108, 29-43.	0.8	66
62	Deficits in KCC2 and activation of the HPA axis lead to depressionlike behavior following social defeat. Hormonal Studies, 2014, 2, 2.	1.0	16
63	GABAergic Control of the Hypothalamicâ€“Pituitaryâ€“Adrenal (HPA) Axis: Role of Extrasynaptic GABAA Receptors. , 2014, , 239-270.		0
64	Stress, seizures, and hypothalamicâ€“pituitaryâ€“adrenal axis targets for the treatment of epilepsy. Epilepsy and Behavior, 2013, 26, 352-362.	0.9	131
65	Impact of inhibitory constraint of interneurons on neuronal excitability. Journal of Neurophysiology, 2013, 110, 2520-2535.	0.9	46
66	Neurosteroids and GABAergic signaling in health and disease. Biomolecular Concepts, 2013, 4, 29-42.	1.0	50
67	Association Between Total Duration of Breastfeeding and Iron Deficiency. Pediatrics, 2013, 131, e1530-e1537.	1.0	49
68	Functional regulation of GABAA receptors in nervous system pathologies. Current Opinion in Neurobiology, 2012, 22, 552-558.	2.0	114
69	Possible alterations in GABA_A receptor signaling that underlie benzodiazepineâ€resistant seizures. Epilepsia, 2012, 53, 79-88.	2.6	86
70	Neurosteroidogenesis Is Required for the Physiological Response to Stress: Role of Neurosteroid-Sensitive GABA_AReceptors. Journal of Neuroscience, 2011, 31, 18198-18210.	1.7	223
71	The splicing regulator Rbfox1 (A2BP1) controls neuronal excitation in the mammalian brain. Nature Genetics, 2011, 43, 706-711.	9.4	297
72	The reciprocal regulation of stress hormones and GABAA receptors. Frontiers in Cellular Neuroscience, 2011, 6, 4.	1.8	88

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73	Office-Based Intervention to Reduce Bottle Use Among Toddlers: TARGet Kids! Pragmatic, Randomized Trial. Pediatrics, 2010, 126, e343-e350.	1.0	19
74	Extrasynaptic GABA_AReceptors: Form, Pharmacology, and Function. Journal of Neuroscience, 2009, 29, 12757-12763.	1.7	417
75	Excitability Changes Related to GABA_AReceptor Plasticity during Pregnancy. Journal of Neuroscience, 2009, 29, 9592-9601.	1.7	114
76	Steroid hormone fluctuations and GABAAR plasticity. Psychoneuroendocrinology, 2009, 34, S84-S90.	1.3	115
77	GABAAR Plasticity during Pregnancy: Relevance to Postpartum Depression. Neuron, 2008, 59, 207-213.	3.8	345
78	Neurosteroid Synthesis-Mediated Regulation of GABAA Receptors: Relevance to the Ovarian Cycle and Stress. Journal of Neuroscience, 2007, 27, 2155-2162.	1.7	210
79	Seizures and enhanced cortical GABAergic inhibition in two mouse models of human autosomal dominant nocturnal frontal lobe epilepsy. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 19152-19157.	3.3	195
80	Ovarian cycleâ€“linked changes in GABAA receptors mediating tonic inhibition alter seizure susceptibility and anxiety. Nature Neuroscience, 2005, 8, 797-804.	7.1	563