

Amy J Ramsey

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

2,167
citations

236925

25
h-index

265206

42
g-index

46
all docs

46
docs citations

46
times ranked

3700
citing authors

#	ARTICLE	IF	CITATIONS
1	A role for endothelial NMDA receptors in the pathophysiology of schizophrenia. <i>Schizophrenia Research</i> , 2022, 249, 63-73.	2.0	9
2	Schizophrenia: a disorder of broken brain bioenergetics. <i>Molecular Psychiatry</i> , 2022, 27, 2393-2404.	7.9	26
3	Abnormal sensory perception masks behavioral performance of Grin1 knockdown mice. <i>Genes, Brain and Behavior</i> , 2022, 21, .	2.2	2
4	Consequences of NMDA receptor deficiency can be rescued in the adult brain. <i>Molecular Psychiatry</i> , 2021, 26, 2929-2942.	7.9	34
5	A novel allosteric modulator of the cannabinoid CB1 receptor ameliorates hyperdopaminergia endophenotypes in rodent models. <i>Neuropsychopharmacology</i> , 2021, 46, 413-422.	5.4	9
6	Enhanced tyrosine hydroxylase activity induces oxidative stress, causes accumulation of autotoxic catecholamine metabolites, and augments amphetamine effects in vivo. <i>Journal of Neurochemistry</i> , 2021, 158, 960-979.	3.9	22
7	Clinical and therapeutic significance of genetic variation in the GRIN gene family encoding NMDARs. <i>Neuropharmacology</i> , 2021, 199, 108805.	4.1	25
8	Chronic social isolation exerts opposing sex-specific consequences on serotonin neuronal excitability and behaviour. <i>Neuropharmacology</i> , 2020, 168, 108015.	4.1	23
9	Progressive neuroanatomical changes caused by Grin1 loss-of-function mutation. <i>Neurobiology of Disease</i> , 2019, 132, 104527.	4.4	24
10	Measurement of lactate levels in postmortem brain, iPSCs, and animal models of schizophrenia. <i>Scientific Reports</i> , 2019, 9, 5087.	3.3	44
11	Connectivity Analyses of Bioenergetic Changes in Schizophrenia: Identification of Novel Treatments. <i>Molecular Neurobiology</i> , 2019, 56, 4492-4517.	4.0	34
12	Neuron-specific deficits of bioenergetic processes in the dorsolateral prefrontal cortex in schizophrenia. <i>Molecular Psychiatry</i> , 2019, 24, 1319-1328.	7.9	41
13	Defects in Bioenergetic Coupling in Schizophrenia. <i>Biological Psychiatry</i> , 2018, 83, 739-750.	1.3	67
14	Restoring striatal WAVE-1 improves maze exploration performance of GluN1 knockdown mice. <i>PLoS ONE</i> , 2018, 13, e0199341.	2.5	1
15	Behavioral Effects of a Potential Novel TAAR1 Antagonist. <i>Frontiers in Pharmacology</i> , 2018, 9, 953.	3.5	8
16	Dexmedetomidine Prevents Excessive \hat{I}^3 -Aminobutyric Acid Type A Receptor Function after Anesthesia. <i>Anesthesiology</i> , 2018, 129, 477-489.	2.5	44
17	Postsynaptic Density-95 Isoform Abnormalities in Schizophrenia. <i>Schizophrenia Bulletin</i> , 2017, 43, sbw173.	4.3	26
18	Vulnerability to omega-3 deprivation in a mouse model of NMDA receptor hypofunction. <i>NPJ Schizophrenia</i> , 2017, 3, 12.	3.6	14

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19	Dynamic disorganization of synaptic NMDA receptors triggered by autoantibodies from psychotic patients. <i>Nature Communications</i> , 2017, 8, 1791.	12.8	103
20	Prefrontal Cortex-Mediated Impairments in a Genetic Model of NMDA Receptor Hypofunction Are Reversed by the Novel M ₁ PAM VU6004256. <i>ACS Chemical Neuroscience</i> , 2016, 7, 1706-1716.	3.5	39
21	5GABA _A receptor deficiency causes autism-like behaviors. <i>Annals of Clinical and Translational Neurology</i> , 2016, 3, 392-398.	3.7	43
22	Changes in dendritic spine density in the nucleus accumbens do not underlie ethanol sensitization. <i>Synapse</i> , 2015, 69, 607-610.	1.2	5
23	Increased expression of the dopamine transporter leads to loss of dopamine neurons, oxidative stress and L-DOPA reversible motor deficits. <i>Neurobiology of Disease</i> , 2015, 74, 66-75.	4.4	119
24	Differential effects of NMDA receptor antagonism on spine density. <i>Synapse</i> , 2015, 69, 52-56.	1.2	20
25	Diazepam improves aspects of social behaviour and neuron activation in NMDA receptor-deficient mice. <i>Genes, Brain and Behavior</i> , 2014, 13, 592-602.	2.2	19
26	Sustained N-methyl-D-aspartate receptor hypofunction remodels the dopamine system and impairs phasic signaling. <i>European Journal of Neuroscience</i> , 2014, 40, 2255-2263.	2.6	15
27	NMDA receptor-deficient mice display sexual dimorphism in the onset and severity of behavioural abnormalities. <i>Genes, Brain and Behavior</i> , 2014, 13, 850-862.	2.2	41
28	N-terminal tagging of the dopamine transporter impairs protein expression and trafficking in vivo. <i>Molecular and Cellular Neurosciences</i> , 2014, 61, 123-132.	2.2	11
29	Preparation of Synaptic Plasma Membrane and Postsynaptic Density Proteins Using a Discontinuous Sucrose Gradient. <i>Journal of Visualized Experiments</i> , 2014, , e51896.	0.3	38
30	Chronic SSRI Treatment Exacerbates Serotonin Deficiency in Humanized Tph2 Mutant Mice. <i>ACS Chemical Neuroscience</i> , 2013, 4, 84-88.	3.5	39
31	D ₁ Dopamine Receptor Coupling to PLC β 2 Regulates Forward Locomotion in Mice. <i>Journal of Neuroscience</i> , 2013, 33, 18125-18133.	3.6	46
32	Dissecting the contribution of individual receptor subunits to the enhancement of N-methyl-D-aspartate currents by dopamine D1 receptor activation in striatum. <i>Frontiers in Systems Neuroscience</i> , 2011, 5, 28.	2.5	46
33	Impaired NMDA receptor transmission alters striatal synapses and DISC1 protein in an age-dependent manner. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 5795-5800.	7.1	71
34	NR1 knockdown mice as a representative model of the glutamate hypothesis of schizophrenia. <i>Progress in Brain Research</i> , 2009, 179, 51-58.	1.4	38
35	Hyperdopaminergia and NMDA Receptor Hypofunction Disrupt Neural Phase Signaling. <i>Journal of Neuroscience</i> , 2009, 29, 8215-8224.	3.6	86
36	MicroRNA-219 modulates NMDA receptor-mediated neurobehavioral dysfunction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 3507-3512.	7.1	265

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37	Altered Markers of Tonic Inhibition in the Dorsolateral Prefrontal Cortex of Subjects With Schizophrenia. <i>American Journal of Psychiatry</i> , 2009, 166, 450-459.	7.2	77
38	Reduced D2-mediated signaling activity and trans-synaptic upregulation of D1 and D2 dopamine receptors in mice overexpressing the dopamine transporter. <i>Cellular Signalling</i> , 2009, 21, 87-94.	3.6	36
39	Increased amphetamine-induced hyperactivity and reward in mice overexpressing the dopamine transporter. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 4405-4410.	7.1	170
40	Pharmacological Characterization of Membrane-Expressed Human Trace Amine-Associated Receptor 1 (TAAR1) by a Bioluminescence Resonance Energy Transfer cAMP Biosensor. <i>Molecular Pharmacology</i> , 2008, 74, 585-594.	2.3	135
41	Genetic NMDA Receptor Deficiency Disrupts Acute and Chronic Effects of Cocaine but not Amphetamine. <i>Neuropsychopharmacology</i> , 2008, 33, 2701-2714.	5.4	42
42	Mice Deficient for the Vesicular Acetylcholine Transporter Are Myasthenic and Have Deficits in Object and Social Recognition. <i>Neuron</i> , 2006, 51, 601-612.	8.1	208