Michy P Kelly

List of Publications by Year
in descending order

37 papers	1,916 citations	279798 23 h-index	414414 32 g-index
40 all docs	40 docs citations	40 times ranked	2460 citing authors

#	Article	IF	Citations
1	Phosphodiesterase 10A Inhibitor Activity in Preclinical Models of the Positive, Cognitive, and Negative Symptoms of Schizophrenia. Journal of Pharmacology and Experimental Therapeutics, 2009, 331, 574-590.	2.5	261
2	Therapeutic targeting of 3â€²,5â€²-cyclic nucleotide phosphodiesterases: inhibition and beyond. Nature Reviews Drug Discovery, 2019, 18, 770-796.	46.4	205
3	Rolipram: A specific phosphodiesterase 4 inhibitor with potential antipsychotic activity. Neuroscience, 2007, 144, 239-246.	2.3	151
4	The psychiatric disease risk factors DISC1 and TNIK interact to regulate synapse composition and function. Molecular Psychiatry, 2011, 16, 1006-1023.	7.9	124
5	Cyclic nucleotide signaling changes associated with normal aging and age-related diseases of the brain. Cellular Signalling, 2018, 42, 281-291.	3.6	124
6	Select 3â€²,5â€²-cyclic nucleotide phosphodiesterases exhibit altered expression in the aged rodent brain. Cellular Signalling, 2014, 26, 383-397.	3.6	114
7	Acquisition of a novel behavior induces higher levels of Arc mRNA than does overtrained performance. Neuroscience, 2002, 110, 617-626.	2.3	106
8	Phosphodiesterase 11A in brain is enriched in ventral hippocampus and deletion causes psychiatric disease-related phenotypes. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 8457-8462.	7.1	78
9	Constitutive Activation of GÎ±s within Forebrain Neurons Causes Deficits in Sensorimotor Gating Because of PKA-Dependent Decreases in cAMP. Neuropsychopharmacology, 2007, 32, 577-588.	5.4	62
10	Developmental etiology for neuroanatomical and cognitive deficits in mice overexpressing GÎ±s, a G-protein subunit genetically linked to schizophrenia. Molecular Psychiatry, 2009, 14, 398-415.	7.9	59
11	The distribution of phosphodiesterase 2A in the rat brain. Neuroscience, 2012, 226, 145-155.	2.3	55
12	A homozygous lossâ€ofâ€function mutation in PDE2A associated to earlyâ€onset hereditary chorea. Movement Disorders, 2018, 33, 482-488.	3.9	52
13	Phosphodiesterase 11A (PDE11A), Enriched in Ventral Hippocampus Neurons, is Required for Consolidation of Social but not Nonsocial Memories in Mice. Neuropsychopharmacology, 2016, 41, 2920-2931.	5.4	44
14	PDE11A regulates social behaviors and is a key mechanism by which social experience sculpts the brain. Neuroscience, 2016, 335, 151-169.	2.3	43
15	Transcriptional regulation of neurodevelopmental and metabolic pathways by NPAS3. Molecular Psychiatry, 2012, 17, 267-279.	7.9	41
16	Chronically increased GsÂ signaling disrupts associative and spatial learning. Learning and Memory, 2006, 13, 745-752.	1.3	35
17	Constitutive activation of the G-protein subunit GÎ±s within forebrain neurons causes PKA-dependent alterations in fear conditioning and corticalArcmRNA expression. Learning and Memory, 2008, 15, 75-83.	1.3	35
18	Aging triggers an upregulation of a multitude of cytokines in the male and especially the female rodent hippocampus but more discrete changes in other brain regions. Journal of Neuroinflammation, 2021, 18, 219.	7.2	35

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19	Sensorimotor Gating Deficits in Transgenic Mice Expressing a Constitutively Active Form of GsÎ±. Neuropsychopharmacology, 2004, 29, 494-501.	5.4	33
20	Does Phosphodiesterase 11A (PDE11A) Hold Promise as a Future Therapeutic Target?. Current Pharmaceutical Design, 2014, 21, 389-416.	1.9	32
21	Chronic GÎ±s Signaling in the Striatum Increases Anxiety-Related Behaviors Independent of Developmental Effects. Journal of Neuroscience, 2008, 28, 13952-13956.	3.6	30
22	Identification of new PDE9A isoforms and how their expression andÂsubcellular compartmentalization in the brain change across the life span. Neurobiology of Aging, 2018, 65, 217-234.	3.1	30
23	Differential function of phosphodiesterase families in the brain: gaining insights through the use of genetically modified animals. Progress in Brain Research, 2009, 179, 67-73.	1.4	26
24	The supra-additive hyperactivity caused by an amphetamineâ€“chlordiazepoxide mixture exhibits an inverted-U dose response: Negative implications for the use of a model in screening for mood stabilizers. Pharmacology Biochemistry and Behavior, 2009, 92, 649-654.	2.9	24
25	Loss of Function of Phosphodiesterase 11A4 Shows that Recent and Remote Long-Term Memories Can Be Uncoupled. Current Biology, 2019, 29, 2307-2321.e5.	3.9	24
26	A Role for Phosphodiesterase 11A (PDE11A) in the Formation of Social Memories and the Stabilization of Mood. Advances in Neurobiology, 2017, 17, 201-230.	1.8	19
27	Phosphodiesterases PDE2A and PDE10A both change mRNA expression in the human brain with age, but only PDE2A changes in a region-specific manner with psychiatric disease. Cellular Signalling, 2020, 70, 109592.	3.6	19
28	Mice expressing constitutively active GsÎ± exhibit stimulus encoding deficits similar to those observed in schizophrenia patients. Neuroscience, 2006, 141, 1257-1264.	2.3	18
29	A genetic basis for friendship? Homophily for membrane-associated PDE11A-cAMP-CREB signaling in CA1 of hippocampus dictates mutual social preference in male and female mice. Molecular Psychiatry, 2021, 26, 7107-7117.	7.9	9
30	The Role of PDE11A4 in Social Isolation-Induced Changes in Intracellular Signaling and Neuroinflammation. Frontiers in Pharmacology, 2021, 12, 749628.	3.5	9
31	PDE11A. , 2018, , 3804-3826.		7
32	Genetic manipulation of cyclic nucleotide signaling during hippocampal neuroplasticity and memory formation. Progress in Neurobiology, 2020, 190, 101799.	5.7	3
33	Alterations in cyclic nucleotide signaling are implicated in healthy aging and age-related pathologies of the brain. Vitamins and Hormones, 2021, 115, 265-316.	1.7	1
34	PDE11A. , 2016, , 1-23.		1
35	How 3â€²,5â€²-cyclic nucleotide phosphodiesterases change in the brain with normal aging and dementia. , 2021, , 109-117.		0
36	PDE11A negatively regulates lithium responsivity in mice possibly due to an interaction with AKT/PKB (1144.8). FASEB Journal, 2014, 28, 1144.8.	0.5	0

#	Article	IF	Citations
37	Enhanced Remote Long-Term Social Memory Despite an Absence of Any Recent Long-Term Memory for That Same Event. SSRN Electronic Journal, 0, , .	0.4	0