Michy P Kelly

List of Publications by Year in Descending Order

36 papers	1,378 citations	21 h-index	37 g-index
40 ext. papers	1,711 ext. citations	7.8 avg, IF	4.87 L-index

#	Paper	IF	Citations
36	The Role of PDE11A4 in Social Isolation-Induced Changes in Intracellular Signaling and Neuroinflammation. *Frontiers in Pharmacology*, **2021**, 12, 749628	5.6	0
35	Alterations in cyclic nucleotide signaling are implicated in healthy aging and age-related pathologies of the brain. *Vitamins and Hormones*, **2021**, 115, 265-316	2.5	0
34	How 3?,5?-cyclic nucleotide phosphodiesterases change in the brain with normal aging and dementia **2021**, 109-117		
33	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**,	15.1	1
32	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	10.1	2
31	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	4.9	6
30	Genetic manipulation of cyclic nucleotide signaling during hippocampal neuroplasticity and memory formation. *Progress in Neurobiology*, **2020**, 190, 101799	10.9	2
29	Therapeutic targeting of 3',5'-cyclic nucleotide phosphodiesterases: inhibition and beyond. *Nature Reviews Drug Discovery*, **2019**, 18, 770-796	64.1	100
28	Loss of Function of Phosphodiesterase 11A4 Shows that Recent and Remote Long-Term Memories Can Be Uncoupled. *Current Biology*, **2019**, 29, 2307-2321.e5	6.3	11
27	Identification of new PDE9A isoforms and how their expression and subcellular compartmentalization in the brain change across the life span. *Neurobiology of Aging*, **2018**, 65, 217-234	5.6	21
26	A homozygous loss-of-function mutation in PDE2A associated to early-onset hereditary chorea. *Movement Disorders*, **2018**, 33, 482-488	7	25
25	Cyclic nucleotide signaling changes associated with normal aging and age-related diseases of the brain. *Cellular Signalling*, **2018**, 42, 281-291	4.9	70
24	A Role for Phosphodiesterase 11A (PDE11A) in the Formation of Social Memories and the Stabilization of Mood. *Advances in Neurobiology*, **2017**, 17, 201-230	2.1	12
23	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	8.7	23
22	PDE11A **2016**, 1-23		
21	PDE11A regulates social behaviors and is a key mechanism by which social experience sculpts the brain. *Neuroscience*, **2016**, 335, 151-69	3.9	24
20	Does phosphodiesterase 11A (PDE11A) hold promise as a future therapeutic target?. *Current Pharmaceutical Design*, **2015**, 21, 389-416	3.3	20

19	Putting Together The Pieces of Phosphodiesterase Distribution Patterns In The Brain: A Jigsaw Puzzle of Cyclic Nucleotide Regulation **2014**, 47-58		4
18	Select 3',5'-cyclic nucleotide phosphodiesterases exhibit altered expression in the aged rodent brain. *Cellular Signalling*, **2014**, 26, 383-97	4.9	79
17	PDE11A negatively regulates lithium responsivity in mice possibly due to an interaction with AKT/PKB (1144.8). *FASEB Journal*, **2014**, 28, 1144.8	0.9	
16	The distribution of phosphodiesterase 2A in the rat brain. *Neuroscience*, **2012**, 226, 145-55	3.9	45
15	Transcriptional regulation of neurodevelopmental and metabolic pathways by NPAS3. *Molecular Psychiatry*, **2012**, 17, 267-79	15.1	30
14	The psychiatric disease risk factors DISC1 and TNIK interact to regulate synapse composition and function. *Molecular Psychiatry*, **2011**, 16, 1006-23	15.1	105
13	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, 8457-62	11.5	53
12	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	2.9	22
11	Phosphodiesterase 10A inhibitor activity in preclinical models of the positive, cognitive, and negative symptoms of schizophrenia. *Journal of Pharmacology and Experimental Therapeutics*, **2009**, 331, 574-90	4.7	222
10	The supra-additive hyperactivity caused by an amphetamine-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, 649-54	3.9	18
9	Developmental etiology for neuroanatomical and cognitive deficits in mice overexpressing Galphas, a G-protein subunit genetically linked to schizophrenia. *Molecular Psychiatry*, **2009**, 14, 398-415, 347	15.1	51
8	Constitutive activation of the G-protein subunit Galphas within forebrain neurons causes PKA-dependent alterations in fear conditioning and cortical Arc mRNA expression. *Learning and Memory*, **2008**, 15, 75-83	2.8	29
7	Chronic Galphas signaling in the striatum increases anxiety-related behaviors independent of developmental effects. *Journal of Neuroscience*, **2008**, 28, 13952-6	6.6	26
6	Constitutive activation of Galphas within forebrain neurons causes deficits in sensorimotor gating because of PKA-dependent decreases in cAMP. *Neuropsychopharmacology*, **2007**, 32, 577-88	8.7	58
5	Rolipram: a specific phosphodiesterase 4 inhibitor with potential antipsychotic activity. *Neuroscience*, **2007**, 144, 239-46	3.9	135
4	Chronically increased Gsalpha signaling disrupts associative and spatial learning. *Learning and Memory*, **2006**, 13, 745-52	2.8	32
3	Mice expressing constitutively active Gsalpha exhibit stimulus encoding deficits similar to those observed in schizophrenia patients. *Neuroscience*, **2006**, 141, 1257-64	3.9	17
2	Sensorimotor gating deficits in transgenic mice expressing a constitutively active form of Gs alpha. *Neuropsychopharmacology*, **2004**, 29, 494-501	8.7	30

1 Acquisition of a novel behavior induces higher levels of Arc mRNA than does overtrained performance. *Neuroscience*, **2002**, 110, 617-26 3.9 103