

# Kyriaki Sidiropoulou

## List of Publications by Year in descending order

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Version: 2024-02-01

35  
papers

1,669  
citations

430442

18  
h-index

433756

31  
g-index

38  
all docs

38  
docs citations

38  
times ranked

2925  
citing authors

#	ARTICLE	IF	CITATIONS
1	Regulation of dopaminergic transmission and cocaine reward by the Clock gene. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 9377-9381.	3.3	453
2	Modulation of Autophagy by BDNF Underlies Synaptic Plasticity. Cell Metabolism, 2017, 26, 230-242.e5.	7.2	203
3	Neurofibromin regulates corticostriatal inhibitory networks during working memory performance. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 13141-13146.	3.3	144
4	Corticolimbic Expression of TRPC4 and TRPC5 Channels in the Rodent Brain. PLoS ONE, 2007, 2, e573.	1.1	131
5	Dopamine modulates an mGluR5-mediated depolarization underlying prefrontal persistent activity. Nature Neuroscience, 2009, 12, 190-199.	7.1	124
6	Repeated Cocaine Administration Increases Membrane Excitability of Pyramidal Neurons in the Rat Medial Prefrontal Cortex. Journal of Pharmacology and Experimental Therapeutics, 2005, 312, 1305-1313.	1.3	86
7	Inside the brain of a neuron. EMBO Reports, 2006, 7, 886-892.	2.0	60
8	Neural stem cell delivery via porous collagen scaffolds promotes neuronal differentiation and locomotion recovery in spinal cord injury. Npj Regenerative Medicine, 2020, 5, 12.	2.5	60
9	Differential Effects of Corticosterone on the Slow Afterhyperpolarization in the Basolateral Amygdala and CA1 Region: Possible Role of Calcium Channel Subunits. Journal of Neurophysiology, 2008, 99, 958-968.	0.9	50
10	Dendritic autophagy degrades postsynaptic proteins and is required for long-term synaptic depression in mice. Nature Communications, 2022, 13, 680.	5.8	41
11	Gene therapy targeting oligodendrocytes provides therapeutic benefit in a leukodystrophy model. Brain, 2017, 140, aww351.	3.7	33
12	Induction and modulation of persistent activity in a layer V PFC microcircuit model. Frontiers in Neural Circuits, 2013, 7, 161.	1.4	32
13	The function of contactinâ€2/TAGâ€1 in oligodendrocytes in health and demyelinating pathology. Glia, 2018, 66, 576-591.	2.5	30
14	Modulatory effects of inhibition on persistent activity in a cortical microcircuit model. Frontiers in Neural Circuits, 2014, 8, 7.	1.4	29
15	Development of the MAM model of schizophrenia in mice: Sex similarities and differences of hippocampal and prefrontal cortical function. Neuropharmacology, 2019, 144, 193-207.	2.0	28
16	Encoding of Spatio-Temporal Input Characteristics by a CA1 Pyramidal Neuron Model. PLoS Computational Biology, 2010, 6, e1001038.	1.5	22
17	Predictive Features of Persistent Activity Emergence in Regular Spiking and Intrinsic Bursting Model Neurons. PLoS Computational Biology, 2012, 8, e1002489.	1.5	22
18	Amphetamine administration does not alter protein levels of the GLT-1 and EAAC1 glutamate transporter subtypes in rat midbrain, nucleus accumbens, striatum, or prefrontal cortex. Molecular Brain Research, 2001, 90, 187-192.	2.5	21

#	ARTICLE	IF	CITATIONS
19	Prefrontal cortical-specific differences in behavior and synaptic plasticity between adolescent and adult mice. <i>Journal of Neurophysiology</i> , 2018, 119, 822-833.	0.9	16
20	Dendritic Nonlinearities Reduce Network Size Requirements and Mediate ON and OFF States of Persistent Activity in a PFC Microcircuit Model. <i>PLoS Computational Biology</i> , 2014, 10, e1003764.	1.5	15
21	Impaired synaptic plasticity in the prefrontal cortex of mice with developmentally decreased number of interneurons. <i>Neuroscience</i> , 2016, 322, 333-345.	1.1	14
22	Effect of Neonatal Treatment With the NMDA Receptor Antagonist, MK-801, During Different Temporal Windows of Postnatal Period in Adult Prefrontal Cortical and Hippocampal Function. <i>Frontiers in Behavioral Neuroscience</i> , 2021, 15, 689193.	1.0	11
23	Transgenic Mice Carrying GLUD2 as a Tool for Studying the Expressional and the Functional Adaptation of this Positive Selected Gene in Human Brain Evolution. <i>Neurochemical Research</i> , 2019, 44, 154-169.	1.6	7
24	Development and Biological Characterization of a Novel Selective TrkA Agonist with Neuroprotective Properties against Amyloid Toxicity. <i>Biomedicines</i> , 2022, 10, 614.	1.4	7
25	Signaling pathways of dietary energy restriction and metabolism on brain physiology and in age-related neurodegenerative diseases. <i>Mechanisms of Ageing and Development</i> , 2020, 192, 111364.	2.2	6
26	The developmental changes in intrinsic and synaptic properties of prefrontal neurons enhance local network activity from the second to the third postnatal weeks in mice. <i>Cerebral Cortex</i> , 2022, 32, 3633-3650.	1.6	6
27	Memory Beyond Synaptic Plasticity: The Role of Intrinsic Neuronal Excitability. , 2012, , 53-80.		4
28	Modeling stress-induced adaptations in Ca <sup>2+</sup> dynamics. <i>Neurocomputing</i> , 2007, 70, 1640-1644.	3.5	3
29	Enhanced synaptic properties of the prefrontal cortex and hippocampus after learning a spatial working memory task in adult male mice. <i>Journal of Neuroscience Research</i> , 2021, 99, 1802-1814.	1.3	3
30	Local Anesthetics via Multicomponent Reactions. <i>ChemMedChem</i> , 2022, 17, .	1.6	3
31	Pharmacotherapy in smoking cessation: Corticotropin Releasing Factor receptors as emerging intervention targets. <i>Neuropeptides</i> , 2017, 63, 49-57.	0.9	2
32	Sexual dimorphic effects of restraint stress on prefrontal cortical function are mediated by glucocorticoid receptor activation. <i>European Journal of Neuroscience</i> , 2022, 55, 2754-2765.	1.2	2
33	Mechanisms underlying persistent activity in a model PFC microcircuit. <i>BMC Neuroscience</i> , 2009, 10, .	0.8	0
34	Working memory training effects across the lifespan: Evidence from human and experimental animal studies. <i>Mechanisms of Ageing and Development</i> , 2021, 194, 111415.	2.2	0
35	Editorial: Understanding Early Detection Markers in Schizophrenia. <i>Frontiers in Behavioral Neuroscience</i> , 2021, 15, 724509.	1.0	0