

# Katharine R Smith

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4675603/publications.pdf>

Version: 2024-02-01

28  
papers

1,239  
citations

430874

18  
h-index

552781

26  
g-index

30  
all docs

30  
docs citations

30  
times ranked

1897  
citing authors

#	ARTICLE	IF	CITATIONS
1	Psychiatric Risk Factor ANK3/Ankyrin-G Nanodomains Regulate the Structure and Function of Glutamatergic Synapses. <i>Neuron</i> , 2014, 84, 399-415.	8.1	159
2	NMDA receptors regulate GABA <sub>A</sub> receptor lateral mobility and clustering at inhibitory synapses through serine 327 on the $\beta$ 2 subunit. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 16679-16684.	7.1	132
3	Regulation of synaptic inhibition by phospho-dependent binding of the AP2 complex to a YECL motif in the GABA <sub>A</sub> receptor $\beta$ 2 subunit. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 3616-3621.	7.1	105
4	Shank3 Deficiency Induces NMDA Receptor Hypofunction via an Actin-Dependent Mechanism. <i>Journal of Neuroscience</i> , 2013, 33, 15767-15778.	3.6	103
5	Nanoscale Subsynaptic Domains Underlie the Organization of the Inhibitory Synapse. <i>Cell Reports</i> , 2019, 26, 3284-3297.e3.	6.4	99
6	An Autism-Associated Variant of Epac2 Reveals a Role for Ras/Epac2 Signaling in Controlling Basal Dendrite Maintenance in Mice. <i>PLoS Biology</i> , 2012, 10, e1001350.	5.6	73
7	Mitochondrial-derived vesicles compensate for loss of LC3-mediated mitophagy. <i>Developmental Cell</i> , 2021, 56, 2029-2042.e5.	7.0	67
8	GIT1 and $\beta$ PIX Are Essential for GABA <sub>A</sub> Receptor Synaptic Stability and Inhibitory Neurotransmission. <i>Cell Reports</i> , 2014, 9, 298-310.	6.4	56
9	Stabilization of GABA <sub>A</sub> Receptors at Endocytic Zones Is Mediated by an AP2 Binding Motif within the GABA <sub>A</sub> Receptor $\beta$ 3 Subunit. <i>Journal of Neuroscience</i> , 2012, 32, 2485-2498.	3.6	55
10	The cell biology of synaptic inhibition in health and disease. <i>Current Opinion in Neurobiology</i> , 2010, 20, 550-556.	4.2	49
11	A novel role for the late-onset Alzheimer's disease (LOAD)-associated protein Bin1 in regulating postsynaptic trafficking and glutamatergic signaling. <i>Molecular Psychiatry</i> , 2020, 25, 2000-2016.	7.9	41
12	Ankyrins: Roles in synaptic biology and pathology. <i>Molecular and Cellular Neurosciences</i> , 2018, 91, 131-139.	2.2	36
13	L-Type Voltage-Gated Ca <sup>2+</sup> Channels Regulate Synaptic Activity-Triggered Recycling Endosome Fusion in Neuronal Dendrites. <i>Cell Reports</i> , 2017, 21, 2134-2146.	6.4	31
14	<i>Leishmania donovani</i> -induced expression of signal regulatory protein $\beta$ 1 on Kupffer cells enhances hepatic invariant NKT cell activation. <i>European Journal of Immunology</i> , 2010, 40, 117-123.	2.9	27
15	Regulation of inhibitory synaptic transmission by a conserved atypical interaction of GABA <sub>A</sub> receptor $\beta$ 2- and $\beta$ 3-subunits with the clathrin AP2 adaptor. <i>Neuropharmacology</i> , 2008, 55, 844-850.	4.1	26
16	A Schizophrenia-Linked KALRN Coding Variant Alters Neuron Morphology, Protein Function, and Transcript Stability. <i>Biological Psychiatry</i> , 2018, 83, 499-508.	1.3	26
17	Local miRNA-Dependent Translational Control of GABA <sub>A</sub> Receptor Synthesis during Inhibitory Long-Term Potentiation. <i>Cell Reports</i> , 2020, 31, 107785.	6.4	25
18	Identification and characterisation of a Maf1/Macoco protein complex that interacts with GABA <sub>A</sub> receptors in neurons. <i>Molecular and Cellular Neurosciences</i> , 2010, 44, 330-341.	2.2	19

#	ARTICLE	IF	CITATIONS
19	The Coordination of Local Translation, Membranous Organelle Trafficking, and Synaptic Plasticity in Neurons. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 711446.	3.7	18
20	Cadherin-10 Maintains Excitatory/Inhibitory Ratio through Interactions with Synaptic Proteins. <i>Journal of Neuroscience</i> , 2017, 37, 11127-11139.	3.6	17
21	Activity-dependent development of GABAergic synapses. <i>Brain Research</i> , 2019, 1707, 18-26.	2.2	17
22	Cell-type-specific control of basolateral amygdala neuronal circuits via entorhinal cortex-driven feedforward inhibition. <i>ELife</i> , 2020, 9, .	6.0	16
23	Stepwise disassembly of GABAergic synapses during pathogenic excitotoxicity. <i>Cell Reports</i> , 2021, 37, 110142.	6.4	16
24	Differential regulation of the Rac1 GTPase-activating protein (GAP) BCR during oxygen/glucose deprivation in hippocampal and cortical neurons. <i>Journal of Biological Chemistry</i> , 2017, 292, 20173-20183.	3.4	14
25	Complementary Use of Super-Resolution Imaging Modalities to Study the Nanoscale Architecture of Inhibitory Synapses. <i>Frontiers in Synaptic Neuroscience</i> , 2022, 14, 852227.	2.5	3
26	Alternate Mitochondrial Pathways Compensate for Loss of LC3-Mediated Mitophagy. <i>SSRN Electronic Journal</i> , 0, , .	0.4	2
27	Precision Mapping of Amyloid- $\beta$ Binding Reveals Perisynaptic Localization and Spatially Restricted Plasticity Deficits. <i>ENeuro</i> , 2021, , ENEURO.0416-21.2021.	1.9	2
28	Structured illumination microscopy (SIM) imaging of Bin1 colocalization with trafficking markers in cultured rat cortical neurons. <i>Molecular Psychiatry</i> , 2020, 25, 1905-1905.	7.9	0