

# Kunwei Wu

## List of Publications by Year in descending order

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18  
papers

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citations

758635

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887659

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g-index

22  
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22  
docs citations

22  
times ranked

686  
citing authors

#	ARTICLE	IF	CITATIONS
1	Shisa7 is a GABA <sub>A</sub> receptor auxiliary subunit controlling benzodiazepine actions. <i>Science</i> , 2019, 366, 246-250.	6.0	65
2	A Cluster of Autism-Associated Variants on X-Linked NLGN4X Functionally Resemble NLGN4Y. <i>Neuron</i> , 2020, 106, 759-768.e7.	3.8	45
3	Involvement of catalase in the protective benefits of metformin in mice with oxidative liver injury. <i>Chemico-Biological Interactions</i> , 2014, 216, 34-42.	1.7	43
4	MicroRNA-365 modulates astrocyte conversion into neuron in adult rat brain after stroke by targeting <i>Pax6</i> . <i>Glia</i> , 2018, 66, 1346-1362.	2.5	41
5	An Epilepsy-Associated GRIN2A Rare Variant Disrupts CaMKII $\alpha$ Phosphorylation of GluN2A and NMDA Receptor Trafficking. <i>Cell Reports</i> , 2020, 32, 108104.	2.9	37
6	VEGF attenuated increase of outward delayed-rectifier potassium currents in hippocampal neurons induced by focal ischemia via PI3-K pathway. <i>Neuroscience</i> , 2015, 298, 94-101.	1.1	32
7	Neurovascular Interaction Promotes the Morphological and Functional Maturation of Cortical Neurons. <i>Frontiers in Cellular Neuroscience</i> , 2017, 11, 290.	1.8	25
8	Neurovascular coupling protects neurons against hypoxic injury via inhibition of potassium currents by generation of nitric oxide in direct neuron and endothelium cocultures. <i>Neuroscience</i> , 2016, 334, 275-282.	1.1	23
9	Activity- and sleep-dependent regulation of tonic inhibition by Shisa7. <i>Cell Reports</i> , 2021, 34, 108899.	2.9	19
10	Aminotriazole attenuated carbon tetrachloride-induced oxidative liver injury in mice. <i>Food and Chemical Toxicology</i> , 2012, 50, 3073-3078.	1.8	15
11	Endothelial cells promote excitatory synaptogenesis and improve ischemia-induced motor deficits in neonatal mice. <i>Neurobiology of Disease</i> , 2019, 121, 230-239.	2.1	13
12	Aminotriazole Alleviates Acetaminophen Poisoning via Downregulating P450 2E1 and Suppressing Inflammation. <i>PLoS ONE</i> , 2015, 10, e0122781.	1.1	12
13	Distinct regulation of tonic GABAergic inhibition by NMDA receptor subtypes. <i>Cell Reports</i> , 2021, 37, 109960.	2.9	12
14	Vascular endothelial growth factor increases the function of calcium-impermeable AMPA receptor GluA2 subunit in astrocytes via activation of protein kinase C signaling pathway. <i>Glia</i> , 2019, 67, 1344-1358.	2.5	7
15	VEGF Axonal Transport Dependent on Kinesin-1B and Microtubules Dynamics. <i>Frontiers in Molecular Neuroscience</i> , 2017, 10, 424.	1.4	6
16	A Conserved Tyrosine Residue in Slitrk3 Carboxyl-Terminus Is Critical for GABAergic Synapse Development. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 213.	1.4	5
17	Shisa7 phosphorylation regulates GABAergic transmission and neurodevelopmental behaviors. <i>Neuropsychopharmacology</i> , 2022, 47, 2160-2170.	2.8	5
18	Activity- and Sleep-Dependent Regulation of Tonic Inhibition by Shisa7. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0