

# Yulin Shi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11891095/publications.pdf>

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9  
papers

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citations

1478505

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1474206

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#	ARTICLE	IF	CITATIONS
1	Pathogenic SYNGAP1 Mutations Impair Cognitive Development by Disrupting Maturation of Dendritic Spine Synapses. <i>Cell</i> , 2012, 151, 709-723.	28.9	313
2	Reduced Cognition in Syngap1 Mutants Is Caused by Isolated Damage within Developing Forebrain Excitatory Neurons. <i>Neuron</i> , 2014, 82, 1317-1333.	8.1	118
3	Primary visual cortex shows laminar-specific and balanced circuit organization of excitatory and inhibitory synaptic connectivity. <i>Journal of Physiology</i> , 2016, 594, 1891-1910.	2.9	58
4	Novel Use of Matched Filtering for Synaptic Event Detection and Extraction. <i>PLoS ONE</i> , 2010, 5, e15517.	2.5	26
5	Bidirectional global spontaneous network activity precedes the canonical unidirectional circuit organization in the developing hippocampus. <i>Journal of Comparative Neurology</i> , 2014, 522, 2191-2208.	1.6	13
6	Cell-type specific regulation of cortical excitability through the allatostatin receptor system. <i>Frontiers in Neural Circuits</i> , 2012, 6, 2.	2.8	8
7	Large-scale neural circuit mapping data analysis accelerated with the graphical processing unit (GPU). <i>Journal of Neuroscience Methods</i> , 2015, 239, 1-10.	2.5	7
8	Development of Local Circuit Connections to Hilar Mossy Cells in the Mouse Dentate Gyrus. <i>ENeuro</i> , 2019, 6, ENEURO.0370-18.2019.	1.9	6
9	Mapping Inhibitory Neuronal Circuits by Laser Scanning Photostimulation. <i>Journal of Visualized Experiments</i> , 2011, , .	0.3	5