

# Xiaodong Zhang

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

3,120  
citations

394421

19  
h-index

713466

21  
g-index

21  
all docs

21  
docs citations

21  
times ranked

4896  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mfsd2a is a transporter for the essential omega-3 fatty acid docosahexaenoic acid. <i>Nature</i> , 2014, 509, 503-506.	27.8	733
2	Tryptophan Hydroxylase-2 Controls Brain Serotonin Synthesis. <i>Science</i> , 2004, 305, 217-217.	12.6	591
3	Loss-of-Function Mutation in Tryptophan Hydroxylase-2 Identified in Unipolar Major Depression. <i>Neuron</i> , 2005, 45, 11-16.	8.1	420
4	Role of GSK3 $\beta$ in behavioral abnormalities induced by serotonin deficiency. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 1333-1338.	7.1	331
5	Ca <sup>2+</sup> -Dependent Synaptotagmin Binding to SNAP-25 Is Essential for Ca <sup>2+</sup> -Triggered Exocytosis. <i>Neuron</i> , 2002, 34, 599-611.	8.1	224
6	Pharmacological Characterization of Membrane-Expressed Human Trace Amine-Associated Receptor 1 (TAAR1) by a Bioluminescence Resonance Energy Transfer cAMP Biosensor. <i>Molecular Pharmacology</i> , 2008, 74, 585-594.	2.3	135
7	Metabolic tinkering by the gut microbiome. <i>Gut Microbes</i> , 2014, 5, 369-380.	9.8	105
8	Synaptotagmin IX Regulates Ca <sup>2+</sup> -dependent Secretion in PC12 Cells. <i>Journal of Biological Chemistry</i> , 2002, 277, 4601-4604.	3.4	93
9	The Dopamine Metabolite 3-Methoxytyramine Is a Neuromodulator. <i>PLoS ONE</i> , 2010, 5, e13452.	2.5	76
10	Sustained Attention Performance during Sleep Deprivation Associates with Instability in Behavior and Physiologic Measures at Baseline. <i>Sleep</i> , 2014, 37, 27-39.	1.1	61
11	Pregnenolone Rescues Schizophrenia-Like Behavior in Dopamine Transporter Knockout Mice. <i>PLoS ONE</i> , 2012, 7, e51455.	2.5	52
12	Tryptophan hydroxylase 2 genotype determines brain serotonin synthesis but not tissue content in C57Bl/6 and BALB/c congenic mice. <i>Neuroscience Letters</i> , 2010, 481, 6-11.	2.1	49
13	Genetic or pharmacological activation of the <i>Drosophila</i> PGC-1 $\beta$ ortholog spargel rescues the disease phenotypes of genetic models of Parkinson's disease. <i>Neurobiology of Aging</i> , 2017, 55, 33-37.	3.1	44
14	Chronic SSRI Treatment Exacerbates Serotonin Deficiency in Humanized <i>Tph2</i> Mutant Mice. <i>ACS Chemical Neuroscience</i> , 2013, 4, 84-88.	3.5	39
15	Population Frequencies of the Triallelic 5HTTLPR in Six Ethnically Diverse Samples from North America, Southeast Asia, and Africa. <i>Behavior Genetics</i> , 2015, 45, 255-261.	2.1	34
16	A Regulatory Domain in the N Terminus of Tryptophan Hydroxylase 2 Controls Enzyme Expression. <i>Journal of Biological Chemistry</i> , 2008, 283, 13216-13224.	3.4	32
17	Early life environmental and pharmacological stressors result in persistent dysregulations of the serotonergic system. <i>Frontiers in Behavioral Neuroscience</i> , 2015, 9, 94.	2.0	25
18	The interaction of escitalopram and R-citalopram at the human serotonin transporter investigated in the mouse. <i>Psychopharmacology</i> , 2014, 231, 4527-4540.	3.1	23

#	ARTICLE	IF	CITATIONS
19	Infection of male rats with <i>Toxoplasma gondii</i> results in enhanced delay aversion and neural changes in the nucleus accumbens core. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20150042.	2.6	22
20	Response to Correspondence: Loss-of-Function Mutation in Tryptophan Hydroxylase-2 Identified in Unipolar Major Depression. <i>Neuron</i> , 2005, 48, 705-706.	8.1	20
21	Population differences in associations of serotonin transporter promoter polymorphism (5HTTLPR) di- and triallelic genotypes with blood pressure and hypertension prevalence. <i>American Heart Journal</i> , 2017, 185, 110-122.	2.7	11