

Wen-Ning Zhao

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

3,330
citations

471061

17
h-index

642321

23
g-index

26
all docs

26
docs citations

26
times ranked

8596
citing authors

#	ARTICLE	IF	CITATIONS
1	A Next Generation Connectivity Map: L1000 Platform and the First 1,000,000 Profiles. <i>Cell</i> , 2017, 171, 1437-1452.e17.	13.5	2,281
2	Probing the lithium-response pathway in hiPSCs implicates the phosphoregulatory set-point for a cytoskeletal modulator in bipolar pathogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E4462-E4471.	3.3	129
3	A Selective HDAC 1/2 Inhibitor Modulates Chromatin and Gene Expression in Brain and Alters Mouse Behavior in Two Mood-Related Tests. <i>PLoS ONE</i> , 2013, 8, e71323.	1.1	118
4	Crebinostat: A novel cognitive enhancer that inhibits histone deacetylase activity and modulates chromatin-mediated neuroplasticity. <i>Neuropharmacology</i> , 2013, 64, 81-96.	2.0	87
5	Short-Chain HDAC Inhibitors Differentially Affect Vertebrate Development and Neuronal Chromatin. <i>ACS Medicinal Chemistry Letters</i> , 2011, 2, 39-42.	1.3	81
6	Unbiased Cell-based Screening in a Neuronal Cell Model of Batten Disease Highlights an Interaction between Ca ²⁺ Homeostasis, Autophagy, and CLN3 Protein Function. <i>Journal of Biological Chemistry</i> , 2015, 290, 14361-14380.	1.6	75
7	CIPC is a mammalian circadian clock protein without invertebrate homologues. <i>Nature Cell Biology</i> , 2007, 9, 268-275.	4.6	74
8	A High-Throughput Screen for Wnt/ β -Catenin Signaling Pathway Modulators in Human iPSC-Derived Neural Progenitors. <i>Journal of Biomolecular Screening</i> , 2012, 17, 1252-1263.	2.6	67
9	HDAC6 Brain Mapping with [¹⁸ F]Bavostat Enabled by a Ru-Mediated Deoxyfluorination. <i>ACS Central Science</i> , 2017, 3, 1006-1014.	5.3	60
10	Kinetic and structural insights into the binding of histone deacetylase 1 and 2 (HDAC1, 2) inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 4008-4015.	1.4	51
11	A high-throughput kinome screen reveals serum/glucocorticoid-regulated kinase 1 as a therapeutic target for NF2-deficient meningiomas. <i>Oncotarget</i> , 2015, 6, 16981-16997.	0.8	46
12	High-throughput brain activity mapping and machine learning as a foundation for systems neuropharmacology. <i>Nature Communications</i> , 2018, 9, 5142.	5.8	34
13	Selectivity and Kinetic Requirements of HDAC Inhibitors as Progranulin Enhancers for Treating Frontotemporal Dementia. <i>Cell Chemical Biology</i> , 2017, 24, 892-906.e5.	2.5	31
14	Structural Basis for Achieving GSK-3 β Inhibition with High Potency, Selectivity, and Brain Exposure for Positron Emission Tomography Imaging and Drug Discovery. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 9600-9617.	2.9	31
15	Dissecting structure-activity-relationships of crebinostat: Brain penetrant HDAC inhibitors for neuroepigenetic regulation. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 1265-1271.	1.0	26
16	Chemogenomic analysis reveals key role for lysine acetylation in regulating Arc stability. <i>Nature Communications</i> , 2017, 8, 1659.	5.8	25
17	Class I Histone Deacetylase Inhibition by Tianeptinaline Modulates Neuroplasticity and Enhances Memory. <i>ACS Chemical Neuroscience</i> , 2018, 9, 2262-2273.	1.7	25
18	WNT/ β -Catenin Pathway and Epigenetic Mechanisms Regulate the Pitt-Hopkins Syndrome and Schizophrenia Risk Gene TCF4. <i>Molecular Neuropsychiatry</i> , 2017, 3, 53-71.	3.0	19

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19	Activation of WNT and CREB signaling pathways in human neuronal cells in response to the Omega-3 fatty acid docosahexaenoic acid (DHA). <i>Molecular and Cellular Neurosciences</i> , 2019, 99, 103386.	1.0	19
20	An Autophagy Modifier Screen Identifies Small Molecules Capable of Reducing Autophagosome Accumulation in a Model of CLN3-Mediated Neurodegeneration. <i>Cells</i> , 2019, 8, 1531.	1.8	14
21	Exifone Is a Potent HDAC1 Activator with Neuroprotective Activity in Human Neuronal Models of Neurodegeneration. <i>ACS Chemical Neuroscience</i> , 2021, 12, 271-284.	1.7	14
22	Benzothiazole-Based LRRK2 Inhibitors as Wnt Enhancers and Promoters of Oligodendrocytic Fate. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 2638-2655.	2.9	10
23	Discovery of suppressors of CRMP2 phosphorylation reveals compounds that mimic the behavioral effects of lithium on amphetamine-induced hyperlocomotion. <i>Translational Psychiatry</i> , 2020, 10, 76.	2.4	10
24	Induced pluripotent stem cells as tools to investigate the neurobiology of bipolar disorder and advance novel therapeutic discovery. , 2021, , 155-173.		0
25	Kinome Screen Reveals SGK1 as a Therapeutic Target for NF2: Inhibition of mTORC1/2 is More Effective than Rapamycin. <i>FASEB Journal</i> , 2015, 29, 889.4.	0.2	0