

Wei-Dong Yao

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

1,598
citations

516215

16
h-index

552369

26
g-index

29
all docs

29
docs citations

29
times ranked

2796
citing authors

#	ARTICLE	IF	CITATIONS
1	Cylindromatosis drives synapse pruning and weakening by promoting macroautophagy through Akt-mTOR signaling. <i>Molecular Psychiatry</i> , 2022, 27, 2414-2424.	4.1	14
2	Transcription factor POU3F2 regulates TRIM8 expression contributing to cellular functions implicated in schizophrenia. <i>Molecular Psychiatry</i> , 2021, 26, 3444-3460.	4.1	16
3	Remodeling without destruction: non-proteolytic ubiquitin chains in neural function and brain disorders. <i>Molecular Psychiatry</i> , 2021, 26, 247-264.	4.1	17
4	Rare Functional Variants Associated with Antidepressant Remission in Mexican-Americans. <i>Journal of Affective Disorders</i> , 2021, 279, 491-500.	2.0	3
5	Loss of mGluR1-LTD following cocaine exposure accumulates Ca ²⁺ -permeable AMPA receptors and facilitates synaptic potentiation in the prefrontal cortex. <i>Journal of Neurogenetics</i> , 2021, 35, 358-369.	0.6	7
6	Neuronal Nsun2 deficiency produces tRNA epitranscriptomic alterations and proteomic shifts impacting synaptic signaling and behavior. <i>Nature Communications</i> , 2021, 12, 4913.	5.8	42
7	The ubiquitin-editing enzyme A20 regulates synapse remodeling and efficacy. <i>Brain Research</i> , 2020, 1727, 146569.	1.1	9
8	C9ORF72-ALS/FTD-associated poly(GR) binds Atp5a1 and compromises mitochondrial function in vivo. <i>Nature Neuroscience</i> , 2019, 22, 851-862.	7.1	161
9	Transcriptomic profiling of the ventral tegmental area and nucleus accumbens in rhesus macaques following long-term cocaine self-administration. <i>Drug and Alcohol Dependence</i> , 2017, 175, 9-23.	1.6	23
10	Cocaine Promotes Coincidence Detection and Lowers Induction Threshold during Hebbian Associative Synaptic Potentiation in Prefrontal Cortex. <i>Journal of Neuroscience</i> , 2017, 37, 986-997.	1.7	13
11	Proteasome-independent polyubiquitin linkage regulates synapse scaffolding, efficacy, and plasticity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E8760-E8769.	3.3	57
12	Reduced Slc1a1 expression is associated with neuroinflammation and impaired sensorimotor gating and cognitive performance in mice: Implications for schizophrenia. <i>PLoS ONE</i> , 2017, 12, e0183854.	1.1	11
13	Cocaine Promotes Coincidence Detection and Lowers Induction Threshold during Hebbian Associative Synaptic Potentiation in Prefrontal Cortex. <i>Journal of Neuroscience</i> , 2017, 37, 986-997.	1.7	1
14	Neuronal Deletion of Kmt2a/Mll1 Histone Methyltransferase in Ventral Striatum is Associated with Defective Spike-Timing-Dependent Striatal Synaptic Plasticity, Altered Response to Dopaminergic Drugs, and Increased Anxiety. <i>Neuropsychopharmacology</i> , 2016, 41, 3103-3113.	2.8	40
15	K ⁺ channel reorganization and homeostatic plasticity during postembryonic development: biophysical and genetic analyses in acutely dissociated <i>Drosophila</i> central neurons. <i>Journal of Neurogenetics</i> , 2016, 30, 259-275.	0.6	2
16	Acute and chronic effects of clozapine on cholinergic transmission in cultured mouse superior cervical ganglion neurons. <i>Journal of Neurogenetics</i> , 2016, 30, 297-305.	0.6	3
17	Neuronal Kmt2a/Mll1 Histone Methyltransferase Is Essential for Prefrontal Synaptic Plasticity and Working Memory. <i>Journal of Neuroscience</i> , 2015, 35, 5097-5108.	1.7	126
18	MicroRNA miR124 is required for the expression of homeostatic synaptic plasticity. <i>Nature Communications</i> , 2015, 6, 10045.	5.8	77

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19	Dopamine-enabled anti-Hebbian timing-dependent plasticity in prefrontal circuitry. <i>Frontiers in Neural Circuits</i> , 2014, 8, 38.	1.4	37
20	Alterations in microRNA-124 and AMPA receptors contribute to social behavioral deficits in frontotemporal dementia. <i>Nature Medicine</i> , 2014, 20, 1444-1451.	15.2	165
21	Amphetamine modulation of long-term potentiation in the prefrontal cortex: dose dependency, monoaminergic contributions, and paradoxical rescue in hyperdopaminergic mutant. <i>Journal of Neurochemistry</i> , 2010, 115, 1643-1654.	2.1	25
22	D1 and D2 dopamine receptors in separate circuits cooperate to drive associative long-term potentiation in the prefrontal cortex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 16366-16371.	3.3	111
23	Hyperdopaminergic Tone Erodes Prefrontal Long-Term Potential via a D ₂ Receptor-Operated Protein Phosphatase Gate. <i>Journal of Neuroscience</i> , 2009, 29, 14086-14099.	1.7	68
24	Dopaminergic signaling in dendritic spines. <i>Biochemical Pharmacology</i> , 2008, 75, 2055-2069.	2.0	106
25	Inhibition of the Dopamine D1 Receptor Signaling by PSD-95. <i>Journal of Biological Chemistry</i> , 2007, 282, 15778-15789.	1.6	81
26	Identification of PSD-95 as a Regulator of Dopamine-Mediated Synaptic and Behavioral Plasticity. <i>Neuron</i> , 2004, 41, 625-638.	3.8	335
27	Auxiliary Hyperkinetic β Subunit of K ⁺ Channels: Regulation of Firing Properties and K ⁺ Currents in <i>Drosophila</i> Neurons. <i>Journal of Neurophysiology</i> , 1999, 81, 2472-2484.	0.9	48