

Min Wang

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

3,601
citations

516710

16
h-index

752698

20
g-index

20
all docs

20
docs citations

20
times ranked

4094
citing authors

#	ARTICLE	IF	CITATIONS
1	Inverted-U dopamine D1 receptor actions on prefrontal neurons engaged in working memory. <i>Nature Neuroscience</i> , 2007, 10, 376-384.	14.8	911
2	Î±2A-Adrenoceptors Strengthen Working Memory Networks by Inhibiting cAMP-HCN Channel Signaling in Prefrontal Cortex. <i>Cell</i> , 2007, 129, 397-410.	28.9	628
3	NMDA Receptors Subserve Persistent Neuronal Firing during Working Memory in Dorsolateral Prefrontal Cortex. <i>Neuron</i> , 2013, 77, 736-749.	8.1	412
4	Neuronal basis of age-related working memory decline. <i>Nature</i> , 2011, 476, 210-213.	27.8	383
5	Selective D2 Receptor Actions on the Functional Circuitry of Working Memory. <i>Science</i> , 2004, 303, 853-856.	12.6	295
6	Persistent Spiking Activity Underlies Working Memory. <i>Journal of Neuroscience</i> , 2018, 38, 7020-7028.	3.6	229
7	Nicotinic Î±7 receptors enhance NMDA cognitive circuits in dorsolateral prefrontal cortex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 12078-12083.	7.1	153
8	Dopamine's Actions in Primate Prefrontal Cortex: Challenges for Treating Cognitive Disorders. <i>Pharmacological Reviews</i> , 2015, 67, 681-696.	16.0	126
9	Constellation of HCN Channels and cAMP Regulating Proteins in Dendritic Spines of the Primate Prefrontal Cortex: Potential Substrate for Working Memory Deficits in Schizophrenia. <i>Cerebral Cortex</i> , 2013, 23, 1643-1654.	2.9	105
10	Targeting Prefrontal Cortical Systems for Drug Development: Potential Therapies for Cognitive Disorders. <i>Annual Review of Pharmacology and Toxicology</i> , 2016, 56, 339-360.	9.4	67
11	Muscarinic M1 Receptors Modulate Working Memory Performance and Activity via KCNQ Potassium Channels in the Primate Prefrontal Cortex. <i>Neuron</i> , 2020, 106, 649-661.e4.	8.1	52
12	Nicotinic Î±4Î²2 Cholinergic Receptor Influences on Dorsolateral Prefrontal Cortical Neuronal Firing during a Working Memory Task. <i>Journal of Neuroscience</i> , 2017, 37, 5366-5377.	3.6	45
13	A novel dopamine D1 receptor agonist excites delay-dependent working memory-related neuronal firing in primate dorsolateral prefrontal cortex. <i>Neuropharmacology</i> , 2019, 150, 46-58.	4.1	41
14	The genie in the bottle-magnified calcium signaling in dorsolateral prefrontal cortex. <i>Molecular Psychiatry</i> , 2021, 26, 3684-3700.	7.9	41
15	Contribution of NMDA receptors to dorsolateral prefrontal cortical networks in primates. <i>Neuroscience Bulletin</i> , 2015, 31, 191-197.	2.9	37
16	Noradrenergic Î±1-Adrenoceptor Actions in the Primate Dorsolateral Prefrontal Cortex. <i>Journal of Neuroscience</i> , 2019, 39, 2722-2734.	3.6	25
17	Evolution in Neuromodulationâ€”The Differential Roles of Acetylcholine in Higher Order Association vs. Primary Visual Cortices. <i>Frontiers in Neural Circuits</i> , 2018, 12, 67.	2.8	21
18	Unusual Molecular Regulation of Dorsolateral Prefrontal Cortex Layer III Synapses Increases Vulnerability to Genetic and Environmental Insults in Schizophrenia. <i>Biological Psychiatry</i> , 2022, 92, 480-490.	1.3	15

#	ARTICLE	IF	CITATIONS
19	Involvement of Nicotinic Receptors in Working Memory Function. <i>Current Topics in Behavioral Neurosciences</i> , 2020, 45, 89-99.	1.7	10
20	M1 receptors interacting with NMDAR enhance delay-related neuronal firing and improve working memory performance. <i>Current Research in Neurobiology</i> , 2021, 2, 100016.	2.3	5