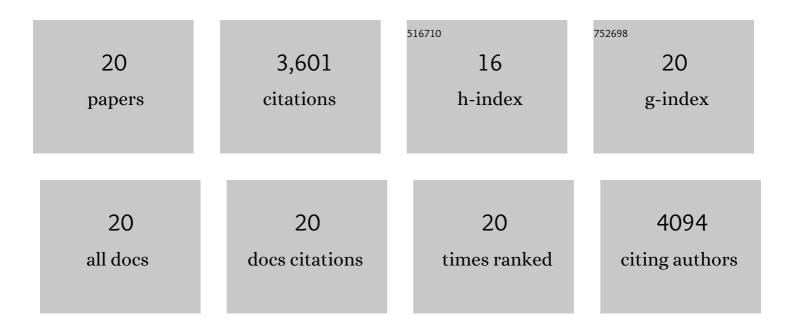
Min Wang

List of Publications by Year in descending order

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MIN WANC

#	Article	IF	CITATIONS
1	Inverted-U dopamine D1 receptor actions on prefrontal neurons engaged in working memory. Nature Neuroscience, 2007, 10, 376-384.	14.8	911
2	α2A-Adrenoceptors Strengthen Working Memory Networks by Inhibiting cAMP-HCN Channel Signaling in Prefrontal Cortex. Cell, 2007, 129, 397-410.	28.9	628
3	NMDA Receptors Subserve Persistent Neuronal Firing during Working Memory in Dorsolateral Prefrontal Cortex. Neuron, 2013, 77, 736-749.	8.1	412
4	Neuronal basis of age-related working memory decline. Nature, 2011, 476, 210-213.	27.8	383
5	Selective D2 Receptor Actions on the Functional Circuitry of Working Memory. Science, 2004, 303, 853-856.	12.6	295
6	Persistent Spiking Activity Underlies Working Memory. Journal of Neuroscience, 2018, 38, 7020-7028.	3.6	229
7	Nicotinic α7 receptors enhance NMDA cognitive circuits in dorsolateral prefrontal cortex. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 12078-12083.	7.1	153
8	Dopamine's Actions in Primate Prefrontal Cortex: Challenges for Treating Cognitive Disorders. Pharmacological Reviews, 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. Cerebral Cortex, 2013, 23, 1643-1654.	2.9	105
10	Targeting Prefrontal Cortical Systems for Drug Development: Potential Therapies for Cognitive Disorders. Annual Review of Pharmacology and Toxicology, 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. Neuron, 2020, 106, 649-661.e4.	8.1	52
12	Nicotinic α4β2 Cholinergic Receptor Influences on Dorsolateral Prefrontal Cortical Neuronal Firing during a Working Memory Task. Journal of Neuroscience, 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. Neuropharmacology, 2019, 150, 46-58.	4.1	41
14	The genie in the bottle-magnified calcium signaling in dorsolateral prefrontal cortex. Molecular Psychiatry, 2021, 26, 3684-3700.	7.9	41
15	Contribution of NMDA receptors to dorsolateral prefrontal cortical networks in primates. Neuroscience Bulletin, 2015, 31, 191-197.	2.9	37
16	Noradrenergic α1-Adrenoceptor Actions in the Primate Dorsolateral Prefrontal Cortex. Journal of Neuroscience, 2019, 39, 2722-2734.	3.6	25
17	Evolution in Neuromodulation—The Differential Roles of Acetylcholine in Higher Order Association vs. Primary Visual Cortices. Frontiers in Neural Circuits, 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. Biological Psychiatry, 2022, 92, 480-490.	1.3	15

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