

Martin Weber

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,237
citations

516710

16
h-index

580821

25
g-index

26
all docs

26
docs citations

26
times ranked

2085
citing authors

#	ARTICLE	IF	CITATIONS
1	Realistic expectations of prepulse inhibition in translational models for schizophrenia research. <i>Psychopharmacology</i> , 2008, 199, 331-388.	3.1	479
2	Genetic Models of Sensorimotor Gating: Relevance to Neuropsychiatric Disorders. <i>Current Topics in Behavioral Neurosciences</i> , 2011, 12, 251-318.	1.7	120
3	Trem2 Deletion Reduces Late-Stage Amyloid Plaque Accumulation, Elevates the A β 42:A β 40 Ratio, and Exacerbates Axonal Dystrophy and Dendritic Spine Loss in the PS2APP Alzheimer's Mouse Model. <i>Journal of Neuroscience</i> , 2020, 40, 1956-1974.	3.6	114
4	Cognitive Deficits, Changes in Synaptic Function, and Brain Pathology in a Mouse Model of Normal Aging. <i>ENeuro</i> , 2015, 2, ENEURO.0047-15.2015.	1.9	62
5	GluN2B Antagonism Affects Interneurons and Leads to Immediate and Persistent Changes in Synaptic Plasticity, Oscillations, and Behavior. <i>Neuropsychopharmacology</i> , 2013, 38, 1221-1233.	5.4	56
6	GluN2A NMDA Receptor Enhancement Improves Brain Oscillations, Synchrony, and Cognitive Functions in Dravet Syndrome and Alzheimer's Disease Models. <i>Cell Reports</i> , 2020, 30, 381-396.e4.	6.4	51
7	The C Terminus (Amino Acids 75-94) and the Linker Region (Amino Acids 42-54) of the Ca ²⁺ -binding Protein S100A1 Differentially Enhance Sarcoplasmic Ca ²⁺ Release in Murine Skinned Skeletal Muscle Fibers. <i>Journal of Biological Chemistry</i> , 2003, 278, 26356-26364.	3.4	42
8	Intravenous anaesthetics inhibit nicotinic acetylcholine receptor-mediated currents and Ca ²⁺ transients in rat intracardiac ganglion neurons. <i>British Journal of Pharmacology</i> , 2005, 144, 98-107.	5.4	36
9	Running wheel activity is sensitive to acute treatment with selective inhibitors for either serotonin or norepinephrine reuptake. <i>Psychopharmacology</i> , 2009, 203, 753-762.	3.1	33
10	Muscarinic and Nicotinic ACh Receptor Activation Differentially Mobilize Ca ²⁺ in Rat Intracardiac Ganglion Neurons. <i>Journal of Neurophysiology</i> , 2003, 90, 1956-1964.	1.8	32
11	Caspase-3 Deficiency Results in Disrupted Synaptic Homeostasis and Impaired Attention Control. <i>Journal of Neuroscience</i> , 2015, 35, 2118-2132.	3.6	32
12	The effects of the dopamine D2 agonist sumanirole on prepulse inhibition in rats. <i>European Neuropsychopharmacology</i> , 2010, 20, 421-425.	0.7	25
13	A novel visuospatial priming task for rats with relevance to Tourette syndrome and modulation of dopamine levels. <i>Neuroscience and Biobehavioral Reviews</i> , 2013, 37, 1139-1149.	6.1	21
14	Heritable strain differences in sensitivity to the startle gating-disruptive effects of D2 but not D3 receptor stimulation. <i>Behavioural Pharmacology</i> , 2008, 19, 786-795.	1.7	19
15	The effects of pramipexole on prepulse inhibition and locomotor activity in C57BL/6J mice. <i>Behavioural Pharmacology</i> , 2010, 21, 135-143.	1.7	18
16	Global proteomics of Ubqln2-based murine models of ALS. <i>Journal of Biological Chemistry</i> , 2021, 296, 100153.	3.4	17
17	Using prepulse inhibition to detect functional D3 receptor antagonism: Effects of WC10 and WC44. <i>Pharmacology Biochemistry and Behavior</i> , 2009, 93, 141-147.	2.9	16
18	BACE1 across species: a comparison of the in vivo consequences of BACE1 deletion in mice and rats. <i>Scientific Reports</i> , 2017, 7, 44249.	3.3	12

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19	Stereochemical and neuroanatomical selectivity of pramipexole effects on sensorimotor gating in rats. <i>Brain Research</i> , 2012, 1437, 69-76.	2.2	11
20	Antibody-mediated stabilization of NRG1 induces behavioral and electrophysiological alterations in adult mice. <i>Scientific Reports</i> , 2018, 8, 8239.	3.3	9
21	Quinelorane, a dopamine D3/D2 receptor agonist, reduces prepulse inhibition of startle and ventral pallidal GABA efflux: Time course studies. <i>Pharmacology Biochemistry and Behavior</i> , 2008, 90, 686-690.	2.9	8
22	NMDA receptor-dependent prostaglandin-endoperoxide synthase 2 induction in neurons promotes glial proliferation during brain development and injury. <i>Cell Reports</i> , 2022, 38, 110557.	6.4	8
23	Parametric approaches towards understanding the effects of the preferential D3 receptor agonist pramipexole on prepulse inhibition in rats. <i>Pharmacology Biochemistry and Behavior</i> , 2010, 95, 473-478.	2.9	7
24	Opposite effects of tolcapone on amphetamine-disrupted startle gating in low vs. high COMT-expressing rat strains. <i>Pharmacology Biochemistry and Behavior</i> , 2013, 106, 128-131.	2.9	4
25	Negative visuospatial priming in isolation-reared rats: Evidence of resistance to the disruptive effects of amphetamine. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2015, 15, 901-914.	2.0	3