

Florian Freudenberg

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

737
citations

567281

15
h-index

552781

26
g-index

40
all docs

40
docs citations

40
times ranked

1238
citing authors

#	ARTICLE	IF	CITATIONS
1	Neuronal nitric oxide synthase (<i>NOS1</i>) and its adaptor, <i>NOS1AP</i> , as a genetic risk factors for psychiatric disorders. <i>Genes, Brain and Behavior</i> , 2015, 14, 46-63.	2.2	90
2	The role of α -amino-3-hydroxy-5-methyl-4-isoxazolepropionic acid (AMPA) receptors in depression: Central mediators of pathophysiology and antidepressant activity?. <i>Neuroscience and Biobehavioral Reviews</i> , 2015, 52, 193-206.	6.1	77
3	Select overexpression of <i>homer1a</i> in dorsal hippocampus impairs spatial working memory. <i>Frontiers in Neuroscience</i> , 2007, 1, 97-110.	2.8	65
4	Dopamine in the orbitofrontal cortex regulates operant responding under a progressive ratio of reinforcement in rats. <i>Neuroscience Letters</i> , 2004, 370, 114-117.	2.1	48
5	The genetic contribution of the NO system at the glutamatergic post-synapse to schizophrenia: Further evidence and meta-analysis. <i>European Neuropsychopharmacology</i> , 2014, 24, 65-85.	0.7	38
6	Aggression in non-human vertebrates: Genetic mechanisms and molecular pathways. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2016, 171, 603-640.	1.7	38
7	Nitric oxide interacts with monoamine oxidase to modulate aggression and anxiety-like behaviour. <i>European Neuropsychopharmacology</i> , 2020, 30, 30-43.	0.7	36
8	Selective Breeding of Reduced Sensorimotor Gating in Wistar Rats. <i>Behavior Genetics</i> , 2007, 37, 706-712.	2.1	35
9	Dissociation of impulsivity and aggression in mice deficient for the ADHD risk gene <i>Adgrl3</i> : Evidence for dopamine transporter dysregulation. <i>Neuropharmacology</i> , 2019, 156, 107557.	4.1	34
10	Interaction of <i>NOS1AP</i> with the NOS-I PDZ domain: Implications for schizophrenia-related alterations in dendritic morphology. <i>European Neuropsychopharmacology</i> , 2016, 26, 741-755.	0.7	29
11	Disturbed social behavior and motivation in rats selectively bred for deficient sensorimotor gating. <i>Schizophrenia Research</i> , 2007, 97, 250-253.	2.0	27
12	Hippocampal <i>GluA1</i> expression in <i>Gria1</i> ^{-/-} mice only partially restores spatial memory performance deficits. <i>Neurobiology of Learning and Memory</i> , 2016, 135, 83-90.	1.9	27
13	Selective breeding for deficient sensorimotor gating is accompanied by increased perseveration in rats. <i>Neuroscience</i> , 2007, 148, 612-622.	2.3	25
14	Circuit mechanisms of <i>GluA1</i> -dependent spatial working memory. <i>Hippocampus</i> , 2013, 23, 1359-1366.	1.9	25
15	On the role of <i>NOS1</i> ex1f α in ADHD allelic subgroup, and meta-analysis. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2015, 168, 445-458.	1.7	20
16	<i>GluA1</i> and its PDZ-interaction: A role in experience-dependent behavioral plasticity in the forced swim test. <i>Neurobiology of Disease</i> , 2013, 52, 160-167.	4.4	19
17	A multi-resource data integration approach: identification of candidate genes regulating cell proliferation during neocortical development. <i>Frontiers in Neuroscience</i> , 2014, 8, 257.	2.8	18
18	Expression of the ADHD candidate gene <i>Diras2</i> in the brain. <i>Journal of Neural Transmission</i> , 2018, 125, 913-923.	2.8	13

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19	Mouse Ataxin-2 Expansion Downregulates CamKII and Other Calcium Signaling Factors, Impairing Granuleâ€”Purkinje Neuron Synaptic Strength. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6673.	4.1	13
20	Uncovering associations between mental illness diagnosis, nitric oxide synthase gene variation, and peripheral nitric oxide concentration. <i>Brain, Behavior, and Immunity</i> , 2022, 101, 275-283.	4.1	12
21	Challenges with modelling anxiety disorders: a possible hindrance for drug discovery. <i>Expert Opinion on Drug Discovery</i> , 2018, 13, 279-281.	5.0	11
22	Hippocampal overexpression of NOS1AP promotes endophenotypes related to mental disorders. <i>EBioMedicine</i> , 2021, 71, 103565.	6.1	8
23	The regulation of tetraspanin 8 gene expressionâ€”A potential new mechanism in the pathogenesis of bipolar disorder. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2017, 174, 740-750.	1.7	6
24	Knockdown of the ADHD Candidate Gene <i>Diras2</i> in Murine Hippocampal Primary Cells. <i>Journal of Attention Disorders</i> , 2021, 25, 572-583.	2.6	6
25	Expressional profile of the diacylglycerol kinase eta gene <i>DGKH</i> . <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2017, 267, 445-454.	3.2	4
26	Resonance energy transfer sensitises and monitors in situ switching of LOV2-based optogenetic actuators. <i>Nature Communications</i> , 2020, 11, 5107.	12.8	4
27	Quantitative analysis of <i>Gria1</i> , <i>Gria2</i> , <i>Dlg1</i> and <i>Dlg4</i> expression levels in hippocampus following forced swim stress in mice. <i>Scientific Reports</i> , 2019, 9, 14060.	3.3	3
28	Influence of NOS1AP Risk Variants on the Corrected QT (QTc) Interval in the Pharmacotherapy of Schizophrenia. <i>Pharmacopsychiatry</i> , 2022, 55, 266-273.	3.3	3
29	Establishing an effective dose for chronic intracerebroventricular administration of clozapine in mice. <i>Acta Neuropsychiatrica</i> , 2019, 31, 305-315.	2.1	2
30	A tribute to Peter H. Seeburg (8.21.1944â€”8.22.2016). <i>Neurobiology of Learning and Memory</i> , 2016, 136, A1-A2.	1.9	0
31	502. Disrupting Protein-Protein Interactions of Neuronal Nitric Oxide in the Medial Prefrontal Cortex and Dorsal Hippocampus: Implications in Schizophrenia-Related Behaviors. <i>Biological Psychiatry</i> , 2017, 81, S204.	1.3	0
32	Reduced aggression, social impairments, and cognitive inflexibility in neuronal nitric oxide (<i>Nos1</i>) knockdown mice. <i>European Neuropsychopharmacology</i> , 2017, 27, S677-S678.	0.7	0
33	Disrupting protein-protein interactions of neuronal nitric oxide synthase: implications in schizophrenia-related behaviours. <i>European Neuropsychopharmacology</i> , 2017, 27, S887-S888.	0.7	0
34	F193. Overexpression of NOS1AP in Dorsal Hippocampus and Medial Prefrontal Cortex Induces Schizophrenia-Related Phenotypic Changes. <i>Biological Psychiatry</i> , 2018, 83, S314.	1.3	0
35	T95. Functional Characterization of a <i>DGKH</i> Genetic Risk Variant for Bipolar Disorder in a Cell Model. <i>Biological Psychiatry</i> , 2018, 83, S165.	1.3	0
36	14. Conditional Knockout of <i>Rbfox1</i> , a Cross-Disorder Psychiatric Risk Gene, Causes an Autism-Like Phenotype in Mice. <i>Biological Psychiatry</i> , 2019, 85, S6.	1.3	0

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37	S177. IMPACT OF NOS1AP AND ITS INTERACTION PARTNERS AT THE GLUTAMATERGIC SYNAPSE ON WORKING MEMORY NETWORKS - AN FMRI IMAGING GENETICS STUDY. Schizophrenia Bulletin, 2020, 46, S105-S105.	4.3	0