

Markus Sack

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

342
citations

759190

12
h-index

839512

18
g-index

22
all docs

22
docs citations

22
times ranked

789
citing authors

#	ARTICLE	IF	CITATIONS
1	Longitudinal Structural and Functional Brain Network Alterations in a Mouse Model of Neuropathic Pain. <i>Neuroscience</i> , 2018, 387, 104-115.	2.3	36
2	Cellular correlates of gray matter volume changes in magnetic resonance morphometry identified by two-photon microscopy. <i>Scientific Reports</i> , 2021, 11, 4234.	3.3	36
3	Early effects of a high-caloric diet and physical exercise on brain volumetry and behavior: a combined MRI and histology study in mice. <i>Brain Imaging and Behavior</i> , 2017, 11, 1385-1396.	2.1	29
4	Lateral habenula perturbation reduces default-mode network connectivity in a rat model of depression. <i>Translational Psychiatry</i> , 2018, 8, 68.	4.8	25
5	Effects of a High-Caloric Diet and Physical Exercise on Brain Metabolite Levels: A Combined Proton MRS and Histologic Study. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015, 35, 554-564.	4.3	24
6	Neural Mechanisms of Early-Life Social Stress as a Developmental Risk Factor for Severe Psychiatric Disorders. <i>Biological Psychiatry</i> , 2018, 84, 116-128.	1.3	24
7	Negative Association Between ^1H -MRS Spectroscopic Glutamate Markers and Gray Matter Volume After Alcohol Withdrawal in the Hippocampus: A Translational Study in Humans and Rats. <i>Alcoholism: Clinical and Experimental Research</i> , 2017, 41, 323-333.	2.4	23
8	Differences between ketamine's short-term and long-term effects on brain circuitry in depression. <i>Translational Psychiatry</i> , 2019, 9, 172.	4.8	23
9	Antagonism at the NR2B subunit of NMDA receptors induces increased connectivity of the prefrontal and subcortical regions regulating reward behavior. <i>Psychopharmacology</i> , 2018, 235, 1055-1068.	3.1	21
10	ACC GABA levels are associated with functional activation and connectivity in the fronto-striatal network during interference inhibition in patients with borderline personality disorder. <i>NeuroImage</i> , 2017, 147, 164-174.	4.2	17
11	Dopamine transporter silencing in the rat: systems-level alterations in striato-cerebellar and prefrontal-midbrain circuits. <i>Molecular Psychiatry</i> , 2022, 27, 2329-2339.	7.9	16
12	Posterior Insular GABA Levels Inversely Correlate with the Intensity of Experimental Mechanical Pain in Healthy Subjects. <i>Neuroscience</i> , 2018, 387, 116-122.	2.3	13
13	Separable neural mechanisms for the pleiotropic association of copy number variants with neuropsychiatric traits. <i>Translational Psychiatry</i> , 2020, 10, 93.	4.8	12
14	The influence of ketamine's repeated treatment on brain topology does not suggest an antidepressant efficacy. <i>Translational Psychiatry</i> , 2020, 10, 56.	4.8	12
15	The glutamate to $\hat{3}$ -aminobutyric acid ratio in the posterior insula is associated with pain perception in healthy women but not in women with borderline personality disorder. <i>Pain</i> , 2019, 160, 2487-2496.	4.2	7
16	Glutamate concentration in the anterior cingulate cortex in alcohol dependence. <i>Psychiatric Genetics</i> , 2018, 28, 94-95.	1.1	6
17	Cortical Glutamate and GABA Changes During Early Abstinence in Alcohol Dependence and Their Associations With Benzodiazepine Medication. <i>Frontiers in Psychiatry</i> , 2021, 12, 656468.	2.6	5
18	Differential resting-state patterns across networks are spatially associated with Comt and Trmt2a gene expression patterns in a mouse model of 22q11.2 deletion. <i>NeuroImage</i> , 2021, 243, 118520.	4.2	4

#	ARTICLE	IF	CITATIONS
19	Interactive tool to create adjustable anatomical atlases for mouse brain imaging. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2021, 34, 183-187.	2.0	1
20	Cerebral processing of sharp mechanical pain measured with arterial spin labeling. <i>Brain and Behavior</i> , 2022, 12, e2442.	2.2	1