Natalia Gass

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1270674/publications.pdf

Version: 2024-02-01

22	684	566801 15	676716 22
papers	citations	h-index	g-index

22	22	22	1454
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Sub-Anesthetic Ketamine Modulates Intrinsic BOLD Connectivity Within the Hippocampal-Prefrontal Circuit in the Rat. Neuropsychopharmacology, 2014, 39, 895-906.	2.8	89
2	Acute ketamine challenge increases resting state prefrontal-hippocampal connectivity in both humans and rats. Psychopharmacology, 2015, 232, 4231-4241.	1.5	76
3	Advantages and Challenges of Small Animal Magnetic Resonance Imaging as a Translational Tool. Neuropsychobiology, 2014, 69, 187-201.	0.9	65
4	Anti-Correlated Cortical Networks of Intrinsic Connectivity in the Rat Brain. Brain Connectivity, 2013, 3, 503-511.	0.8	55
5	Contribution of adenosine related genes to the risk of depression with disturbed sleep. Journal of Affective Disorders, 2010, 126, 134-139.	2.0	49
6	The low-frequency blood oxygenation level-dependent functional connectivity signature of the hippocampalâ€“prefrontal network in the rat brain. Neuroscience, 2013, 228, 243-258.	1.1	36
7	Defining the brain circuits involved in psychiatric disorders: IMI-NEWMEDS. Nature Reviews Drug Discovery, 2017, 16, 1-2.	21.5	35
8	An acetylcholine alpha7 positive allosteric modulator rescues a schizophrenia-associated brain endophenotype in the 15q13.3 microdeletion, encompassing CHRNA7. European Neuropsychopharmacology, 2016, 26, 1150-1160.	0.3	34
9	Haloperidol modulates midbrain-prefrontal functional connectivity in the rat brain. European Neuropsychopharmacology, 2013, 23, 1310-1319.	0.3	31
10	Functionally altered neurocircuits in a rat model of treatment-resistant depression show prominent role of the habenula. European Neuropsychopharmacology, 2014, 24, 381-390.	0.3	30
11	Species-conserved reconfigurations of brain network topology induced by ketamine. Translational Psychiatry, 2016, 6, e786-e786.	2.4	30
12	The role of the basal forebrain adenosine receptors in sleep homeostasis. NeuroReport, 2009, 20, 1013-1018.	0.6	23
13	Differences between ketamineâ€™s short-term and long-term effects on brain circuitry in depression. Translational Psychiatry, 2019, 9, 172.	2.4	23
14	Brain network reorganization differs in response to stress in rats genetically predisposed to depression and stress-resilient rats. Translational Psychiatry, 2016, 6, e970-e970.	2.4	21
15	Antagonism at the NR2B subunit of NMDA receptors induces increased connectivity of the prefrontal and subcortical regions regulating reward behavior. Psychopharmacology, 2018, 235, 1055-1068.	1.5	21
16	Dopamine transporter silencing in the rat: systems-level alterations in striato-cerebellar and prefrontal-midbrain circuits. Molecular Psychiatry, 2022, 27, 2329-2339.	4.1	16
17	Reduced connectivity and inter-hemispheric symmetry of the sensory system in a rat model of vulnerability to developing depression. Neuroscience, 2015, 310, 742-750.	1.1	12
18	Separable neural mechanisms for the pleiotropic association of copy number variants with neuropsychiatric traits. Translational Psychiatry, 2020, 10, 93.	2.4	12

#	Article	IF	Citations
19	The influence of ketamineâ€™s repeated treatment on brain topology does not suggest an antidepressant efficacy. Translational Psychiatry, 2020, 10, 56.	2.4	12
20	Gene expression patterns in a rodent model for depression. European Journal of Neuroscience, 2010, 31, 1465-1473.	1.2	8
21	Inter-tissue Networks Between the Basal Forebrain, Hippocampus, and Prefrontal Cortex in a Model for Depression Caused by Disturbed Sleep. Journal of Neurogenetics, 2012, 26, 397-412.	0.6	5
22	Influence of regional cerebral blood volume on voxel-based morphometry. NMR in Biomedicine, 2016, 29, 787-795.	1.6	1