

Neil Dawson

List of Publications by Year in descending order

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28
papers

739
citations

686830

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552369

26
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docs citations

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times ranked

1204
citing authors

#	ARTICLE	IF	CITATIONS
1	Altered medial prefrontal cortex and dorsal raphe activity predict genotype and correlate with abnormal learning behavior in a mouse model of autism-associated 2p16.3 deletion. <i>Autism Research</i> , 2022, 15, 614-627.	2.1	10
2	BACE1 Overexpression Reduces SH-SY5Y Cell Viability Through a Mechanism Distinct from Amyloid- β Peptide Accumulation: Beta Prime-Mediated Competitive Depletion of sA β PP1 \pm . <i>Journal of Alzheimer's Disease</i> , 2022, 86, 1201-1220.	1.2	0
3	Gene therapy-mediated enhancement of protective protein expression for the treatment of Alzheimer's disease. <i>Brain Research</i> , 2021, 1753, 147264.	1.1	5
4	Sustained NMDA receptor hypofunction impairs brain-derived neurotrophic factor signalling in the PFC, but not in the hippocampus, and disturbs PFC-dependent cognition in mice. <i>Journal of Psychopharmacology</i> , 2021, 35, 730-743.	2.0	9
5	Map2k7 Haploinsufficiency Induces Brain Imaging Endophenotypes and Behavioral Phenotypes Relevant to Schizophrenia. <i>Schizophrenia Bulletin</i> , 2020, 46, 211-223.	2.3	10
6	Ketamine Restores Thalamic-Prefrontal Cortex Functional Connectivity in a Mouse Model of Neurodevelopmental Disorder-Associated 2p16.3 Deletion. <i>Cerebral Cortex</i> , 2020, 30, 2358-2371.	1.6	12
7	16p11 Duplication Disrupts Hippocampal-Orbitofrontal-Amygdala Connectivity, Revealing a Neural Circuit Endophenotype for Schizophrenia. <i>Cell Reports</i> , 2020, 31, 107536.	2.9	21
8	Drug-responsive autism phenotypes in the 16p11.2 deletion mouse model: a central role for gene-environment interactions. <i>Scientific Reports</i> , 2020, 10, 12303.	1.6	12
9	Mitogen-activated protein kinase phosphatase-2 deletion modifies ventral tegmental area function and connectivity and alters reward processing. <i>European Journal of Neuroscience</i> , 2020, 52, 2838-2852.	1.2	4
10	Deconstructing Schizophrenia: Advances in Preclinical Models for Biomarker Identification. <i>Current Topics in Behavioral Neurosciences</i> , 2018, 40, 295-323.	0.8	15
11	Chronic, intermittent treatment with a cannabinoid receptor agonist impairs recognition memory and brain network functional connectivity. <i>Journal of Neurochemistry</i> , 2018, 147, 71-83.	2.1	27
12	Glutamatergic regulation of cognition and functional brain connectivity: insights from pharmacological, genetic and translational schizophrenia research. <i>British Journal of Pharmacology</i> , 2017, 174, 3136-3160.	2.7	64
13	Thalamo-cortical communication, glutamatergic neurotransmission and neural oscillations: A unique window into the origins of ScZ?. <i>Schizophrenia Research</i> , 2017, 180, 4-12.	1.1	39
14	Altered functional brain network connectivity and glutamate system function in transgenic mice expressing truncated Disrupted-in-Schizophrenia 1. <i>Translational Psychiatry</i> , 2015, 5, e569-e569.	2.4	34
15	Functional brain connectivity phenotypes for schizophrenia drug discovery. <i>Journal of Psychopharmacology</i> , 2015, 29, 169-177.	2.0	20
16	Subanesthetic Ketamine Treatment Promotes Abnormal Interactions between Neural Subsystems and Alters the Properties of Functional Brain Networks. <i>Neuropsychopharmacology</i> , 2014, 39, 1786-1798.	2.8	31
17	Sustained NMDA Receptor Hypofunction Induces Compromised Neural Systems Integration and Schizophrenia-Like Alterations in Functional Brain Networks. <i>Cerebral Cortex</i> , 2014, 24, 452-464.	1.6	47
18	Subanaesthetic Ketamine Treatment Alters Prefrontal Cortex Connectivity With Thalamus and Ascending Subcortical Systems. <i>Schizophrenia Bulletin</i> , 2013, 39, 366-377.	2.3	77

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19	Alternating Hemiplegia of Childhood-Related Neural and Behavioural Phenotypes in Na ⁺ ,K ⁺ -ATPase $\hat{\pm}$ 3 Missense Mutant Mice. PLoS ONE, 2013, 8, e60141.	1.1	39
20	Modafinil Reverses Phencyclidine-Induced Deficits in Cognitive Flexibility, Cerebral Metabolism, and Functional Brain Connectivity. Schizophrenia Bulletin, 2012, 38, 457-474.	2.3	41
21	Advancing schizophrenia drug discovery: optimizing rodent models to bridge the translational gap. Nature Reviews Drug Discovery, 2012, 11, 560-579.	21.5	154
22	Cerebral metabolic responses to 5-HT _{2A/C} receptor activation in mice with genetically modified serotonin transporter (SERT) expression. European Neuropsychopharmacology, 2011, 21, 117-128.	0.3	12
23	Exploring metabolic pathway disruption in the subchronic phencyclidine model of schizophrenia with the Generalized Singular Value Decomposition. BMC Systems Biology, 2011, 5, 72.	3.0	21
24	Acute tryptophan depletion potentiates 3,4- $\hat{\epsilon}$ methylenedioxymethamphetamine-induced cerebrovascular hyperperfusion in adult male wistar rats. Journal of Neuroscience Research, 2010, 88, 1557-1568.	1.3	9
25	ALTERATIONS IN FUNCTIONAL BRAIN NETWORK STRUCTURE INDUCED BY SUBCHRONIC PHENCYCLIDINE (PCP) TREATMENT PARALLEL THOSE SEEN IN SCHIZOPHRENIA. Schizophrenia Research, 2010, 117, 234-235.	1.1	1
26	DISTINCT ASPECTS OF PREFRONTAL CORTEX DYSFUNCTION IN SCHIZOPHRENIA MODELLED BY ACUTE AND REPEATED PCP TREATMENT: IMPACT OF MODAFINIL. Schizophrenia Research, 2010, 117, 509.	1.1	1
27	Sex influences the effect of a lifelong increase in serotonin transporter function on cerebral metabolism. Journal of Neuroscience Research, 2009, 87, 2375-2385.	1.3	11
28	Novel analysis for improved validity in semi-quantitative 2-deoxyglucose autoradiographic imaging. Journal of Neuroscience Methods, 2008, 175, 25-35.	1.3	11