

David Ashbrook

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

29
papers

1,026
citations

11
h-index

32
g-index

44
ext. papers

1,482
ext. citations

10.3
avg, IF

3.45
L-index

#	Paper	IF	Citations
29	A natural mutator allele shapes mutation spectrum variation in mice.. <i>Nature</i> , 2022 , 605, 497-502	50.4	1
28	Identification of cyclin D1 as a major modulator of 3-nitropropionic acid-induced striatal neurodegeneration. <i>Neurobiology of Disease</i> , 2021 , 162, 105581	7.5	0
27	A platform for experimental precision medicine: The extended BXD mouse family. <i>Cell Systems</i> , 2021 , 12, 235-247.e9	10.6	29
26	The role of interindividual licking received and dopamine genotype on later-life licking provisioning in female rat offspring. <i>Brain and Behavior</i> , 2021 , 11, e02069	3.4	2
25	Gene-by-environment modulation of lifespan and weight gain in the murine BXD family. <i>Nature Metabolism</i> , 2021 , 3, 1217-1227	14.6	5
24	Genome-wide transcriptome architecture in a mouse model of Gulf War Illness. <i>Brain, Behavior, and Immunity</i> , 2020 , 89, 209-223	16.6	7
23	Modeling the Genetic Basis of Individual Differences in Susceptibility to Gulf War Illness. <i>Brain Sciences</i> , 2020 , 10,	3.4	4
22	Variability and heritability of mouse brain structure: Microscopic MRI atlases and connectomes for diverse strains. <i>NeuroImage</i> , 2020 , 222, 117274	7.9	8
21	Body weight and high-fat diet are associated with epigenetic aging in female members of the BXD murine family. <i>Aging Cell</i> , 2020 , 19, e13207	9.9	9
20	Genetic Dissection of the Regulatory Mechanisms of in the Infected Mouse Lung. <i>Frontiers in Immunology</i> , 2020 , 11, 607314	8.4	6
19	A Cross-Species Systems Genetics Analysis Links APBB1IP as a Candidate for Schizophrenia and Prepulse Inhibition. <i>Frontiers in Behavioral Neuroscience</i> , 2019 , 13, 266	3.5	4
18	Offspring genetic effects on maternal care. <i>Frontiers in Neuroendocrinology</i> , 2019 , 52, 195-205	8.9	3
17	Epigenetic impacts of stress priming of the neuroinflammatory response to sarin surrogate in mice: a model of Gulf War illness. <i>Journal of Neuroinflammation</i> , 2018 , 15, 86	10.1	27
16	Post-genomic behavioral genetics: From revolution to routine. <i>Genes, Brain and Behavior</i> , 2018 , 17, e12446	3.6	6
15	Born to Cry: A Genetic Dissection of Infant Vocalization. <i>Frontiers in Behavioral Neuroscience</i> , 2018 , 12, 250	3.5	10
14	Genome-epigenome interactions associated with Myalgic Encephalomyelitis/Chronic Fatigue Syndrome. <i>Epigenetics</i> , 2018 , 13, 1174-1190	5.7	15
13	Social Interactions and Indirect Genetic Effects on Complex Juvenile and Adult Traits. <i>Methods in Molecular Biology</i> , 2017 , 1488, 499-517	1.4	3

12	Offspring genes indirectly influence sibling and maternal behavioural strategies over resource share. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017 , 284,	4.4	12
11	Genetic influences on schizophrenia and subcortical brain volumes: large-scale proof of concept. <i>Nature Neuroscience</i> , 2016 , 19, 420-431	25.5	163
10	Common genetic variants influence human subcortical brain structures. <i>Nature</i> , 2015 , 520, 224-9	50.4	601
9	A cross-species genetic analysis identifies candidate genes for mouse anxiety and human bipolar disorder. <i>Frontiers in Behavioral Neuroscience</i> , 2015 , 9, 171	3.5	15
8	Genetic variation in offspring indirectly influences the quality of maternal behaviour in mice. <i>ELife</i> , 2015 , 4,	8.9	24
7	Transcript co-variance with Nestin in two mouse genetic reference populations identifies Lef1 as a novel candidate regulator of neural precursor cell proliferation in the adult hippocampus. <i>Frontiers in Neuroscience</i> , 2014 , 8, 418	5.1	7
6	Joint genetic analysis of hippocampal size in mouse and human identifies a novel gene linked to neurodegenerative disease. <i>BMC Genomics</i> , 2014 , 15, 850	4.5	29
5	Empirical testing of hypotheses about the evolution of genomic imprinting in mammals. <i>Frontiers in Neuroanatomy</i> , 2013 , 7, 6	3.6	11
4	GeneNetwork: a continuously updated tool for systems genetics analyses		1
3	The expanded BXD family of mice: A cohort for experimental systems genetics and precision medicine		15
2	Body weight at young adulthood and association with epigenetic aging and lifespan in the BXD murine family		1
1	A wild-derived antimutator drives germline mutation spectrum differences in a genetically diverse murine family		5