

Brandon L Pearson

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9482691/publications.pdf>

Version: 2024-02-01

36
papers

2,507
citations

279487

23
h-index

377514

34
g-index

39
all docs

39
docs citations

39
times ranked

3947
citing authors

#	ARTICLE	IF	CITATIONS
1	Topoisomerases facilitate transcription of long genes linked to autism. <i>Nature</i> , 2013, 501, 58-62.	13.7	360
2	Sources of variation in haematocrit in birds. <i>Ibis</i> , 2007, 149, 535-552.	1.0	243
3	The Female Urine Sniffing Test: A Novel Approach for Assessing Reward-Seeking Behavior in Rodents. <i>Biological Psychiatry</i> , 2010, 67, 864-871.	0.7	174
4	Motor and cognitive stereotypies in the BTBR T+tf/J mouse model of autism. <i>Genes, Brain and Behavior</i> , 2011, 10, 228-235.	1.1	157
5	Evidence for the involvement of the kainate receptor subunit GluR6 (GRIK2) in mediating behavioral displays related to behavioral symptoms of mania. <i>Molecular Psychiatry</i> , 2008, 13, 858-872.	4.1	153
6	Expression of social behaviors of C57BL/6J versus BTBR inbred mouse strains in the visible burrow system. <i>Behavioural Brain Research</i> , 2010, 214, 443-449.	1.2	133
7	A novel social proximity test suggests patterns of social avoidance and gaze aversion-like behavior in BTBR T+ tf/J mice. <i>Behavioural Brain Research</i> , 2011, 217, 302-308.	1.2	131
8	Oxytocin receptor knockout mice display deficits in the expression of autism-related behaviors. <i>Hormones and Behavior</i> , 2012, 61, 436-444.	1.0	120
9	The BTBR T+tf/J mouse model for autism spectrum disorders—“in search of biomarkers. <i>Behavioural Brain Research</i> , 2013, 251, 25-34.	1.2	116
10	Epigenetic alterations in longevity regulators, reduced life span, and exacerbated aging-related pathology in old father offspring mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E2348-E2357.	3.3	102
11	Identification of chemicals that mimic transcriptional changes associated with autism, brain aging and neurodegeneration. <i>Nature Communications</i> , 2016, 7, 11173.	5.8	101
12	General and social anxiety in the BTBR T+ tf/J mouse strain. <i>Behavioural Brain Research</i> , 2011, 216, 446-451.	1.2	97
13	Every-other-day feeding extends lifespan but fails to delay many symptoms of aging in mice. <i>Nature Communications</i> , 2017, 8, 155.	5.8	87
14	<i>BAG1</i> plays a critical role in regulating recovery from both manic-like and depression-like behavioral impairments. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 8766-8771.	3.3	68
15	C57BL/6J mice fail to exhibit preference for social novelty in the three-chamber apparatus. <i>Behavioural Brain Research</i> , 2010, 213, 189-194.	1.2	60
16	A paternal methyl donor-rich diet altered cognitive and neural functions in offspring mice. <i>Molecular Psychiatry</i> , 2018, 23, 1345-1355.	4.1	53
17	Absence of social conditioned place preference in BTBR T+tf/J mice: Relevance for social motivation testing in rodent models of autism. <i>Behavioural Brain Research</i> , 2012, 233, 99-104.	1.2	48
18	Heparan sulfate deficiency in autistic postmortem brain tissue from the subventricular zone of the lateral ventricles. <i>Behavioural Brain Research</i> , 2013, 243, 138-145.	1.2	47

#	ARTICLE	IF	CITATIONS
19	BTBR T+tf/J mice: Autism-relevant behaviors and reduced fractone-associated heparan sulfate. <i>Neuroscience and Biobehavioral Reviews</i> , 2012, 36, 285-296.	2.9	45
20	Oxytocin receptor and <i>Mecp2</i> 308/Y knockout mice exhibit altered expression of autism-related social behaviors. <i>Physiology and Behavior</i> , 2012, 107, 641-648.	1.0	37
21	Fractone-associated N-sulfated heparan sulfate shows reduced quantity in BTBR T+tf/J mice: A strong model of autism. <i>Behavioural Brain Research</i> , 2012, 228, 247-253.	1.2	29
22	Effectiveness of saliva collection and enzyme-linked immunosorbent assay for the quantification of cortisol in socially housed baboons. <i>American Journal of Primatology</i> , 2008, 70, 1145-1151.	0.8	27
23	<i>Mecp2</i> Truncation in Male Mice Promotes Affiliative Social Behavior. <i>Behavior Genetics</i> , 2012, 42, 299-312.	1.4	26
24	Crowding increases salivary cortisol but not self-directed behavior in captive baboons. <i>American Journal of Primatology</i> , 2015, 77, 462-467.	0.8	26
25	Peripheral and central compensatory mechanisms for impaired vagus nerve function during peripheral immune activation. <i>Journal of Neuroinflammation</i> , 2019, 16, 150.	3.1	13
26	Addendum to "BTBR T+tf/J mice: Autism-relevant behaviors and reduced fractone-associated heparan sulfate" [Neurosci. Biobehav. Rev. 36 (1) (2012) 285-296]. <i>Neuroscience and Biobehavioral Reviews</i> , 2012, 36, 2370.	2.9	12
27	Convergent neural correlates of prenatal exposure to air pollution and behavioral phenotypes of risk for internalizing and externalizing problems: Potential biological and cognitive pathways. <i>Neuroscience and Biobehavioral Reviews</i> , 2022, 137, 104645.	2.9	11
28	Applying the ethoexperimental approach to neurodevelopmental syndrome research reveals exaggerated defensive behavior in <i>Mecp2</i> mutant mice. <i>Physiology and Behavior</i> , 2015, 146, 98-104.	1.0	7
29	Environmental Chemicals and Aging. <i>Current Environmental Health Reports</i> , 2017, 4, 38-43.	3.2	7
30	Curiosity as an approach to ethoexperimental analysis: Behavioral neuroscience as seen by students and colleagues of Bob Blanchard. <i>Neuroscience and Biobehavioral Reviews</i> , 2017, 76, 415-422.	2.9	5
31	Mouse females devoid of exposure to males during fetal development exhibit increased maternal behavior. <i>Psychoneuroendocrinology</i> , 2012, 37, 383-395.	1.3	4
32	Limited efficacy of somatic cell lysis buffer to purify laboratory mouse sperm. <i>Epigenomics</i> , 2018, 10, 689-694.	1.0	2
33	Impact of paternal nutrition on epigenetic patterns. <i>Epigenomics</i> , 2018, 10, 115-117.	1.0	1
34	TenEleven translocation methylcytosine dioxygenase loaded microspheres penetrate neurons in vitro causing active demethylation and neurite outgrowth. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2021, 15, 463-474.	1.3	1
35	Corrigendum to "BTBR T+tf/J mice: Autism-relevant behaviors and reduced fractone-associated heparan sulfate" [Neurosci. Biobehav. Rev. 36 (January (1)) (2012) 285-296]. <i>Neuroscience and Biobehavioral Reviews</i> , 2012, 36, 1265.	2.9	0
36	Novel evidence for paternal dietary influences on cognitive and neural functions in offspring mice. <i>Molecular Psychiatry</i> , 2018, 23, 2118-2118.	4.1	0