

# Brandon L Pearson

## List of Publications by Year in descending order

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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  | 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        |
| 2  | Tenâ€eleven translocation methylcytosine dioxygenase 3â€eloaded 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         |
| 3  | 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        |
| 4  | 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       |
| 5  | Impact of paternal nutrition on epigenetic patterns. <i>Epigenomics</i> , 2018, 10, 115-117.   | 1.0  | 1         |
| 6  | 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        |
| 7  | 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         |
| 8  | Limited efficacy of somatic cell lysis buffer to purify laboratory mouse sperm. <i>Epigenomics</i> , 2018, 10, 689-694.  | 1.0  | 2         |
| 9  | 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         |
| 10 | Environmental Chemicals and Aging. <i>Current Environmental Health Reports</i> , 2017, 4, 38-43.   | 3.2  | 7         |
| 11 | 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        |
| 12 | Identification of chemicals that mimic transcriptional changes associated with autism, brain aging and neurodegeneration. <i>Nature Communications</i> , 2016, 7, 11173.   | 5.8  | 101       |
| 13 | 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         |
| 14 | Crowding increases salivary cortisol but not selfâ€edirected behavior in captive baboons. <i>American Journal of Primatology</i> , 2015, 77, 462-467.  | 0.8  | 26        |
| 15 | Topoisomerases facilitate transcription of long genes linked to autism. <i>Nature</i> , 2013, 501, 58-62.  | 13.7 | 360       |
| 16 | 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        |
| 17 | The BTBR T+tf/J mouse model for autism spectrum disordersâ€“in search of biomarkers. <i>Behavioural Brain Research</i> , 2013, 251, 25-34.   | 1.2  | 116       |
| 18 | Addendum to â€“BTBR T+tf/J mice: Autism-relevant behaviors and reduced fractone-associated heparan sulfateâ€™ [Neurosci. Biobehav. Rev. 36 (1) (2012) 285â€“296]. <i>Neuroscience and Biobehavioral Reviews</i> , 2012, 36, 2370.                                  | 2.9  | 12        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | 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       |
| 20 | 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        |
| 21 | 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        |
| 22 | Oxytocin receptor and Mecp2308/Y knockout mice exhibit altered expression of autism-related social behaviors. <i>Physiology and Behavior</i> , 2012, 107, 641-648.   | 1.0 | 37        |
| 23 | Mouse females devoid of exposure to males during fetal development exhibit increased maternal behavior. <i>Psychoneuroendocrinology</i> , 2012, 37, 383-395.   | 1.3 | 4         |
| 24 | 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        |
| 25 | 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         |
| 26 | Mecp2 Truncation in Male Mice Promotes Affiliative Social Behavior. <i>Behavior Genetics</i> , 2012, 42, 299-312.  | 1.4 | 26        |
| 27 | General and social anxiety in the BTBR T+ tf/J mouse strain. <i>Behavioural Brain Research</i> , 2011, 216, 446-451.   | 1.2 | 97        |
| 28 | 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       |
| 29 | 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       |
| 30 | 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       |
| 31 | 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        |
| 32 | 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       |
| 33 | Effectiveness of saliva collection and enzyme-immunoassay for the quantification of cortisol in socially housed baboons. <i>American Journal of Primatology</i> , 2008, 70, 1145-1151.   | 0.8 | 27        |
| 34 | 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       |
| 35 | <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        |
| 36 | Sources of variation in haematocrit in birds. <i>Ibis</i> , 2007, 149, 535-552.  | 1.0 | 243       |