

# Brian C Trainor

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/4610991/brian-c-trainor-publications-by-year.pdf>

**Version:** 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

100  
papers

4,212  
citations

38  
h-index

62  
g-index

105  
ext. papers

4,849  
ext. citations

4.4  
avg, IF

5.84  
L-index

#	Paper	IF	Citations
100	Oxytocin release in stressful times.. <i>Psychoneuroendocrinology</i> , <b>2022</b> , 140, 105709	5	0
99	Oxytocin receptor behavioral effects and cell types in the bed nucleus of the stria terminalis. <i>Hormones and Behavior</i> , <b>2022</b> , 143, 105203	3.7	1
98	Mean Girls: Social Stress Models for Female Rodents. <i>Current Topics in Behavioral Neurosciences</i> , <b>2021</b> , 1	3.4	2
97	Sex-specific effects of social defeat stress on miRNA expression in the anterior BNST. <i>Behavioural Brain Research</i> , <b>2021</b> , 401, 113084	3.4	4
96	Convergent neuroendocrine mechanisms of social buffering and stress contagion. <i>Hormones and Behavior</i> , <b>2021</b> , 129, 104933	3.7	8
95	Disruption of global hypothalamic microRNA (miR) profiles and associated behavioral changes in California mice ( <i>Peromyscus californicus</i> ) developmentally exposed to endocrine disrupting chemicals. <i>Hormones and Behavior</i> , <b>2021</b> , 128, 104890	3.7	6
94	Enriched laboratory housing increases sensitivity to social stress in female California mice (). <i>Applied Animal Behaviour Science</i> , <b>2021</b> , 241, 105381-105381	2.2	1
93	Social approach and social vigilance are differentially regulated by oxytocin receptors in the nucleus accumbens. <i>Neuropsychopharmacology</i> , <b>2020</b> , 45, 1423-1430	8.7	22
92	The challenge hypothesis revisited: Focus on reproductive experience and neural mechanisms. <i>Hormones and Behavior</i> , <b>2020</b> , 123, 104645	3.7	8
91	Anxious to see you: Neuroendocrine mechanisms of social vigilance and anxiety during adolescence. <i>European Journal of Neuroscience</i> , <b>2020</b> , 52, 2516-2529	3.5	10
90	Extrahypothalamic oxytocin neurons drive stress-induced social vigilance and avoidance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 26406-26413	11.5	35
89	Determining the biological associates of acute cold pressor post-encoding stress effects on human memory: The role of salivary interleukin-1. <i>Brain, Behavior, and Immunity</i> , <b>2019</b> , 81, 178-187	16.6	8
88	Mild acute stress improves response speed without impairing accuracy or interference control in two selective attention tasks: Implications for theories of stress and cognition. <i>Psychoneuroendocrinology</i> , <b>2019</b> , 108, 78-86	5	16
87	Histone deacetylase inhibitor treatment promotes spontaneous caregiving behaviour in non-aggressive virgin male mice. <i>Journal of Neuroendocrinology</i> , <b>2019</b> , 31, e12734	3.8	5
86	A Tale of Two Valleys: Disparity in Sin Nombre Virus Antibody Reactivity Between Neighboring Mojave Desert Communities. <i>Vector-Borne and Zoonotic Diseases</i> , <b>2019</b> , 19, 290-294	2.4	
85	Greater lifetime stress exposure predicts blunted cortisol but heightened DHEA responses to acute stress. <i>Stress and Health</i> , <b>2019</b> , 35, 15-26	3.7	40
84	Impaired approach to novelty and striatal alterations in the oxytocin receptor deficient mouse model of autism. <i>Hormones and Behavior</i> , <b>2019</b> , 114, 104543	3.7	8

83	Aggression and Territoriality <b>2019</b> , 539-546		1
82	Conserved transcriptomic profiles underpin monogamy across vertebrates. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 1331-1336	11.5	43
81	Complementary Neural Circuits for Divergent Effects of Oxytocin: Social Approach Versus Social Anxiety. <i>Biological Psychiatry</i> , <b>2019</b> , 85, 792-801	7.9	49
80	Effects of social defeat on paternal behavior and pair bonding behavior in male California mice ( <i>Peromyscus californicus</i> ). <i>Hormones and Behavior</i> , <b>2018</b> , 98, 88-95	3.7	10
79	Oxytocin Receptors in the Anteromedial Bed Nucleus of the Stria Terminalis Promote Stress-Induced Social Avoidance in Female California Mice. <i>Biological Psychiatry</i> , <b>2018</b> , 83, 203-213	7.9	76
78	Sex Differences in the Effects of a Kappa Opioid Receptor Antagonist in the Forced Swim Test. <i>Frontiers in Pharmacology</i> , <b>2018</b> , 9, 93	5.6	25
77	The impact of sex as a biological variable in the search for novel antidepressants. <i>Frontiers in Neuroendocrinology</i> , <b>2018</b> , 50, 107-117	8.9	24
76	Activation of kappa opioid receptors in the dorsal raphe have sex dependent effects on social behavior in California mice. <i>Behavioural Brain Research</i> , <b>2018</b> , 351, 83-92	3.4	7
75	Acute inhibition of kappa opioid receptors before stress blocks depression-like behaviors in California mice. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2018</b> , 86, 166-174	5.5	26
74	Behavioral and neuroendocrine plasticity in the form of winner and loser effects <b>2018</b> , 81-98		
73	Exposure to extrinsic stressors, social defeat or bisphenol A, eliminates sex differences in DNA methyltransferase expression in the amygdala. <i>Journal of Neuroendocrinology</i> , <b>2017</b> , 29,	3.8	17
72	106. The Role of Oxytocin Neurons in the Bed Nucleus of the Stria Terminalis in Mediating Social Withdrawal. <i>Biological Psychiatry</i> , <b>2017</b> , 81, S44-S45	7.9	2
71	What can animal research tell us about the link between androgens and social competition in humans?. <i>Hormones and Behavior</i> , <b>2017</b> , 92, 182-189	3.7	20
70	Hormones and the Development and Expression of Aggressive Behavior <b>2017</b> , 145-173		2
69	The long-term effects of stress and kappa opioid receptor activation on conditioned place aversion in male and female California mice. <i>Behavioural Brain Research</i> , <b>2017</b> , 332, 299-307	3.4	17
68	Stress, sex, and motivated behaviors. <i>Journal of Neuroscience Research</i> , <b>2017</b> , 95, 83-92	4.4	18
67	Sex differences in the effects of social defeat on brain and behavior in the California mouse: Insights from a monogamous rodent. <i>Seminars in Cell and Developmental Biology</i> , <b>2017</b> , 61, 92-98	7.5	30
66	Sex-Specific Effects of Stress on Oxytocin Neurons Correspond With Responses to Intranasal Oxytocin. <i>Biological Psychiatry</i> , <b>2016</b> , 80, 406-14	7.9	82

65	Exposure to acute stress enhances decision-making competence: Evidence for the role of DHEA. <i>Psychoneuroendocrinology</i> , <b>2016</b> , 67, 51-60	5	21
64	Sex Differences in the Social Behavior Network and Mesolimbic Dopamine System <b>2016</b> , 77-106		6
63	Acute stress impairs cognitive flexibility in men, not women. <i>Stress</i> , <b>2016</b> , 19, 542-6	3	42
62	Inhibition of vasopressin V1a receptors in the medioventral bed nucleus of the stria terminalis has sex- and context-specific anxiogenic effects. <i>Neuropharmacology</i> , <b>2016</b> , 110, 59-68	5.5	27
61	Effects of reproductive experience on central expression of progesterone, oestrogen $\beta$ -oxytocin and vasopressin receptor mRNA in male California mice ( <i>Peromyscus californicus</i> ). <i>Journal of Neuroendocrinology</i> , <b>2015</b> , 27, 245-52	3.8	35
60	Hypothalamic vasopressin systems are more sensitive to the long term effects of social defeat in males versus females. <i>Psychoneuroendocrinology</i> , <b>2015</b> , 51, 122-34	5	47
59	Effects of social defeat on dopamine neurons in the ventral tegmental area in male and female California mice. <i>European Journal of Neuroscience</i> , <b>2015</b> , 42, 3081-94	3.5	32
58	Rapid Effects of Estradiol on Aggression in Birds and Mice: The Fast and the Furious. <i>Integrative and Comparative Biology</i> , <b>2015</b> , 55, 281-93	2.8	41
57	Effects of defeat stress on behavioral flexibility in males and females: modulation by the mu-opioid receptor. <i>European Journal of Neuroscience</i> , <b>2015</b> , 41, 434-41	3.5	52
56	The effects of exogenous melatonin and melatonin receptor blockade on aggression and estrogen-dependent gene expression in male California mice ( <i>Peromyscus californicus</i> ). <i>Physiology and Behavior</i> , <b>2014</b> , 128, 86-91	3.5	17
55	Rapid effects of estrogens on behavior: environmental modulation and molecular mechanisms. <i>Frontiers in Neuroendocrinology</i> , <b>2014</b> , 35, 447-58	8.9	48
54	Sex differences in effects of dopamine D1 receptors on social withdrawal. <i>Neuropharmacology</i> , <b>2014</b> , 77, 208-16	5.5	35
53	Deletion of the Kv2.1 delayed rectifier potassium channel leads to neuronal and behavioral hyperexcitability. <i>Genes, Brain and Behavior</i> , <b>2014</b> , 13, 394-408	3.6	65
52	Fighting in the home cage: Agonistic encounters and effects on neurobiological markers within the social decision-making network of house mice ( <i>Mus musculus</i> ). <i>Neuroscience Letters</i> , <b>2014</b> , 566, 151-5	3.3	23
51	Environmental Health Factors and Sexually Dimorphic Differences in Behavioral Disruptions. <i>Current Environmental Health Reports</i> , <b>2014</b> , 1, 287-301	6.5	22
50	Effects of kappa opioid receptors on conditioned place aversion and social interaction in males and females. <i>Behavioural Brain Research</i> , <b>2014</b> , 262, 84-93	3.4	37
49	Sexual Dimorphism in the Brain of the Monogamous California Mouse ( <i>Peromyscus californicus</i> ). <i>Brain, Behavior and Evolution</i> , <b>2013</b> , 81, 236-49	1.5	37
48	Sex differences in stress-induced social withdrawal: independence from adult gonadal hormones and inhibition of female phenotype by corn cob bedding. <i>Hormones and Behavior</i> , <b>2013</b> , 63, 543-50	3.7	60

47	Nongenomic effects of estradiol on aggression under short day photoperiods. <i>Hormones and Behavior</i> , <b>2013</b> , 64, 557-65	3.7	20
46	Sex differences in stress-induced social withdrawal: role of brain derived neurotrophic factor in the bed nucleus of the stria terminalis. <i>Frontiers in Behavioral Neuroscience</i> , <b>2013</b> , 7, 223	3.5	67
45	Effects of photoperiod and food restriction on the reproductive physiology of female California mice. <i>General and Comparative Endocrinology</i> , <b>2012</b> , 176, 391-9	3	9
44	Is it all in the family? The effects of early social structure on neural-behavioral systems of prairie voles ( <i>Microtus ochrogaster</i> ). <i>Neuroscience</i> , <b>2012</b> , 216, 46-56	3.9	16
43	Females of an African cichlid fish display male-typical social dominance behavior and elevated androgens in the absence of males. <i>Hormones and Behavior</i> , <b>2012</b> , 61, 496-503	3.7	52
42	Corncob bedding alters the effects of estrogens on aggressive behavior and reduces estrogen receptor- $\beta$ expression in the brain. <i>Endocrinology</i> , <b>2012</b> , 153, 949-53	4.8	56
41	Neuroendocrinology of Aggression <b>2012</b> , 509-520		3
40	Stress responses and the mesolimbic dopamine system: social contexts and sex differences. <i>Hormones and Behavior</i> , <b>2011</b> , 60, 457-69	3.7	92
39	Photoperiod interacts with food restriction in performance in the Barnes maze in female California mice. <i>European Journal of Neuroscience</i> , <b>2011</b> , 33, 361-70	3.5	14
38	Sex differences in social interaction behavior following social defeat stress in the monogamous California mouse ( <i>Peromyscus californicus</i> ). <i>PLoS ONE</i> , <b>2011</b> , 6, e17405	3.7	105
37	Effects of photoperiod and experience on aggressive behavior in female California mice. <i>Behavioural Brain Research</i> , <b>2010</b> , 208, 528-34	3.4	50
36	Activation of extracellular signal-regulated kinases in social behavior circuits during resident-intruder aggression tests. <i>Neuroscience</i> , <b>2010</b> , 165, 325-36	3.9	37
35	Sex differences in hormonal responses to social conflict in the monogamous California mouse. <i>Hormones and Behavior</i> , <b>2010</b> , 58, 506-12	3.7	44
34	Porcine hypothalamic aromatase cytochrome P450: isoform characterization, sex-dependent activity, regional expression, and regulation by enzyme inhibition in neonatal boars. <i>Biology of Reproduction</i> , <b>2009</b> , 81, 388-95	3.9	23
33	Isolating the effects of social interactions on cancer biology. <i>Cancer Prevention Research</i> , <b>2009</b> , 2, 843-6	3.2	3
32	Rapid effects of estradiol on male aggression depend on photoperiod in reproductively non-responsive mice. <i>Hormones and Behavior</i> , <b>2008</b> , 53, 192-9	3.7	88
31	Paternal aggression in a biparental mouse: parallels with maternal aggression. <i>Hormones and Behavior</i> , <b>2008</b> , 53, 200-7	3.7	30
30	Inhibition of neuronal nitric oxide reduces anxiety-like responses to pair housing. <i>Behavioural Brain Research</i> , <b>2008</b> , 187, 109-15	3.4	34

29	The Effects of Paternal Behavior on Offspring Aggression and Hormones in the Biparental California Mouse <b>2008</b> , 435-448		4
28	Neural mechanisms of aggression. <i>Nature Reviews Neuroscience</i> , <b>2007</b> , 8, 536-46	13.5	658
27	Photoperiod affects estrogen receptor alpha, estrogen receptor beta and aggressive behavior. <i>European Journal of Neuroscience</i> , <b>2007</b> , 26, 207-18	3.5	50
26	Photoperiod alters macrophage responsiveness, but not expression of Toll-like receptors in Siberian hamsters. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , <b>2007</b> , 148, 354-9	2.6	12
25	HPA activity and neotic and anxiety-like behavior vary among <i>Peromyscus</i> species. <i>General and Comparative Endocrinology</i> , <b>2007</b> , 151, 342-50	3	11
24	Photoperiod reverses the effects of estrogens on male aggression via genomic and nongenomic pathways. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2007</b> , 104, 9840-5	11.5	85
23	Impaired nitric oxide synthase signaling dissociates social investigation and aggression. <i>Behavioral Neuroscience</i> , <b>2007</b> , 121, 362-9	2.1	37
22	Somatostatin and somatostatin receptor gene expression in dominant and subordinate males of an African cichlid fish. <i>Behavioural Brain Research</i> , <b>2007</b> , 179, 314-20	3.4	29
21	Estrogenic encounters: how interactions between aromatase and the environment modulate aggression. <i>Frontiers in Neuroendocrinology</i> , <b>2006</b> , 27, 170-9	8.9	106
20	Social and photoperiod effects on reproduction in five species of <i>Peromyscus</i> . <i>General and Comparative Endocrinology</i> , <b>2006</b> , 148, 252-9	3	40
19	Location, location, location: stripe position effects on female sword preference. <i>Animal Behaviour</i> , <b>2006</b> , 71, 135-140	2.8	12
18	Somatostatin regulates aggressive behavior in an African cichlid fish. <i>Endocrinology</i> , <b>2006</b> , 147, 5119-25	4.8	50
17	Individual differences in estrogen receptor alpha in select brain nuclei are associated with individual differences in aggression. <i>Hormones and Behavior</i> , <b>2006</b> , 50, 338-45	3.7	83
16	Paternal behavior influences development of aggression and vasopressin expression in male California mouse offspring. <i>Hormones and Behavior</i> , <b>2006</b> , 50, 699-707	3.7	98
15	Testosterone and photoperiod interact to affect spatial learning and memory in adult male white-footed mice ( <i>Peromyscus leucopus</i> ). <i>European Journal of Neuroscience</i> , <b>2006</b> , 23, 3056-62	3.5	38
14	Pleiotropic contributions of nitric oxide to aggressive behavior. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2006</b> , 30, 346-55	9	49
13	Response to Wingfield's commentary on a continuing saga: The role of testosterone in aggression. <i>Hormones and Behavior</i> , <b>2005</b> , 48, 256-258	3.7	38
12	Paternal Behavior and Offspring Aggression. <i>Current Directions in Psychological Science</i> , <b>2005</b> , 14, 163-166	6.5	13

11	Opposing hormonal mechanisms of aggression revealed through short-lived testosterone manipulations and multiple winning experiences. <i>Hormones and Behavior</i> , <b>2004</b> , 45, 115-21	3.7	143
10	Arginine vasotocin interacts with the social environment to regulate advertisement calling in the gray treefrog ( <i>Hyla versicolor</i> ). <i>Brain, Behavior and Evolution</i> , <b>2003</b> , 61, 165-71	1.5	38
9	Paternal Behavior and Aggression: Endocrine Mechanisms and Nongenomic Transmission of Behavior. <i>Advances in the Study of Behavior</i> , <b>2003</b> , 32, 263-323	3.4	47
8	Variation in aromatase activity in the medial preoptic area and plasma progesterone is associated with the onset of paternal behavior. <i>Neuroendocrinology</i> , <b>2003</b> , 78, 36-44	5.6	75
7	The conformation of a female preference for a composite male trait in green swordtails. <i>Animal Behaviour</i> , <b>2002</b> , 63, 469-474	2.8	41
6	Testosterone promotes paternal behaviour in a monogamous mammal via conversion to oestrogen. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2002</b> , 269, 823-9	4.4	170
5	Testosterone, paternal behavior, and aggression in the monogamous California mouse ( <i>Peromyscus californicus</i> ). <i>Hormones and Behavior</i> , <b>2001</b> , 40, 32-42	3.7	211
4	An evaluation of video playback using <i>Xiphophorus helleri</i> . <i>Animal Behaviour</i> , <b>2000</b> , 59, 83-89	2.8	50
3	Pubertal Androgens Reduce the Effects of Social Stress on Anxiety-related Behaviors in California Mice		1
2	Behavioral Neuroendocrinology of Female Aggression		7
1	Extra-hypothalamic oxytocin neurons drive stress-induced social vigilance and avoidance		3