

# Joseph P Garner

## List of Publications by Year in descending order

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Version: 2024-02-01

54  
papers

2,773  
citations

201674

27  
h-index

182427

51  
g-index

55  
all docs

55  
docs citations

55  
times ranked

3201  
citing authors

#	ARTICLE	IF	CITATIONS
1	Intranasal oxytocin treatment for social deficits and biomarkers of response in children with autism. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 8119-8124.	7.1	252
2	Plasma oxytocin concentrations and <i>OXTR</i> polymorphisms predict social impairments in children with and without autism spectrum disorder. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 12258-12263.	7.1	194
3	Heat or Insulation: Behavioral Titration of Mouse Preference for Warmth or Access to a Nest. PLoS ONE, 2012, 7, e32799.	2.5	163
4	The Significance of Meaning: Why Do Over 90% of Behavioral Neuroscience Results Fail to Translate to Humans, and What Can We Do to Fix It?. ILAR Journal, 2014, 55, 438-456.	1.8	156
5	Nest Building as an Indicator of Health and Welfare in Laboratory Mice. Journal of Visualized Experiments, 2013, , 51012.	0.3	130
6	Impact of nesting material on mouse body temperature and physiology. Physiology and Behavior, 2013, 110-111, 87-95.	2.1	125
7	Barbering (fur and whisker trimming) by laboratory mice as a model of human trichotillomania and obsessive-compulsive spectrum disorders. Comparative Medicine, 2004, 54, 216-24.	1.0	111
8	A randomized placebo-controlled pilot trial shows that intranasal vasopressin improves social deficits in children with autism. Science Translational Medicine, 2019, 11, .	12.4	106
9	Effects of a running wheel-igloo enrichment on aggression, hierarchy linearity, and stereotypy in group-housed male CD-1 (ICR) mice. Applied Animal Behaviour Science, 2008, 115, 90-103.	1.9	92
10	Social and husbandry factors affecting the prevalence and severity of barbering (â€˜whisker trimmingâ€™) by laboratory mice. Applied Animal Behaviour Science, 2004, 89, 263-282.	1.9	86
11	Introducing Therioepistemology: the study of how knowledge is gained from animal research. Lab Animal, 2017, 46, 103-113.	0.4	84
12	Plasma anandamide concentrations are lower in children with autism spectrum disorder. Molecular Autism, 2018, 9, 18.	4.9	81
13	Plasma oxytocin concentrations are lower in depressed vs. healthy control women and are independent of cortisol. Journal of Psychiatric Research, 2014, 51, 30-36.	3.1	79
14	Home improvement: C57BL/6J mice given more naturalistic nesting materials build better nests. Journal of the American Association for Laboratory Animal Science, 2008, 47, 25-31.	1.2	78
15	Genetic, environmental, and neighbor effects on the severity of stereotypies and feather picking in Orange-winged Amazon parrots ( <i>Amazona amazonica</i> ): An epidemiological study. Applied Animal Behaviour Science, 2006, 96, 153-168.	1.9	72
16	Aggression in group-housed laboratory mice: why can't we solve the problem?. Lab Animal, 2017, 46, 157-161.	0.4	71
17	Arginine Vasopressin Is a Blood-Based Biomarker of Social Functioning in Children with Autism. PLoS ONE, 2015, 10, e0132224.	2.5	54
18	Reverse-translational biomarker validation of Abnormal Repetitive Behaviors in mice: An illustration of the 4P's modeling approach. Behavioural Brain Research, 2011, 219, 189-196.	2.2	50

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19	Arginine vasopressin in cerebrospinal fluid is a marker of sociality in nonhuman primates. <i>Science Translational Medicine</i> , 2018, 10, .	12.4	50
20	Working with what youâ€™ve got: Changes in thermal preference and behavior in mice with or without nesting material. <i>Journal of Thermal Biology</i> , 2011, 36, 193-199.	2.5	49
21	An automated maze task for assessing hippocampus-sensitive memory in mice. <i>Behavioural Brain Research</i> , 2014, 261, 249-257.	2.2	48
22	Energy Reallocation to Breeding Performance through Improved Nest Building in Laboratory Mice. <i>PLoS ONE</i> , 2013, 8, e74153.	2.5	45
23	Early Predictors of Impaired Social Functioning in Male Rhesus Macaques ( <i>Macaca mulatta</i> ). <i>PLoS ONE</i> , 2016, 11, e0165401.	2.5	45
24	Cerebrospinal fluid vasopressin and symptom severity in children with autism. <i>Annals of Neurology</i> , 2018, 84, 611-615.	5.3	40
25	Neonatal CSF vasopressin concentration predicts later medical record diagnoses of autism spectrum disorder. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 10609-10613.	7.1	39
26	The naked truth: Breeding performance in nude mice with and without nesting material. <i>Applied Animal Behaviour Science</i> , 2013, 143, 110-116.	1.9	30
27	Stressed out: providing laboratory animals with behavioral control to reduce the physiological effects of stress. <i>Lab Animal</i> , 2017, 46, 142-145.	0.4	30
28	Nutritional up-regulation of serotonin paradoxically induces compulsive behavior. <i>Nutritional Neuroscience</i> , 2010, 13, 256-264.	3.1	29
29	Biomarker discovery for disease status and symptom severity in children with autism. <i>Psychoneuroendocrinology</i> , 2018, 89, 39-45.	2.7	28
30	Plasma vasopressin concentrations positively predict cerebrospinal fluid vasopressin concentrations in human neonates. <i>Peptides</i> , 2014, 61, 12-16.	2.4	27
31	Power to the People: Power, Negative Results and Sample Size. <i>Journal of the American Association for Laboratory Animal Science</i> , 2020, 59, 9-16.	1.2	27
32	The effect of early life experience, environment, and genetic factors on spontaneous home-cage aggression-related wounding in male C57BL/6 mice. <i>Lab Animal</i> , 2017, 46, 176-184.	0.4	25
33	A â€œPediâ€•Cures All: Toenail Trimming and the Treatment of Ulcerative Dermatitis in Mice. <i>PLoS ONE</i> , 2016, 11, e0144871.	2.5	21
34	The epidemiology of fighting in group-housed laboratory mice. <i>Scientific Reports</i> , 2020, 10, 16649.	3.3	19
35	Complex Interplay Between Cognitive Ability and Social Motivation in Predicting Social Skill: A Unique Role for Social Motivation in Children With Autism. <i>Autism Research</i> , 2021, 14, 86-92.	3.8	19
36	Blood oxytocin concentration positively predicts contagious yawning behavior in children with autism spectrum disorder. <i>Autism Research</i> , 2019, 12, 1156-1161.	3.8	17

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37	Winning the Genetic Lottery: Biasing Birth Sex Ratio Results in More Grandchildren. PLoS ONE, 2013, 8, e67867.	2.5	16
38	Natural food intake patterns have little synchronizing effect on peripheral circadian clocks. BMC Biology, 2020, 18, 160.	3.8	16
39	Preference for novel faces in male infant monkeys predicts cerebrospinal fluid oxytocin concentrations later in life. Scientific Reports, 2017, 7, 12935.	3.3	15
40	Preventing, treating, and predicting barbering: A fundamental role for biomarkers of oxidative stress in a mouse model of Trichotillomania. PLoS ONE, 2017, 12, e0175222.	2.5	15
41	Automated monitoring of mouse feeding and body weight for continuous health assessment. Laboratory Animals, 2019, 53, 342-351.	1.0	15
42	Antioxidant Therapies for Ulcerative Dermatitis: A Potential Model for Skin Picking Disorder. PLoS ONE, 2015, 10, e0132092.	2.5	14
43	Adaptive developmental plasticity in rhesus macaques: the serotonin transporter gene interacts with maternal care to affect juvenile social behaviour. Proceedings of the Royal Society B: Biological Sciences, 2018, 285, 20180541.	2.6	14
44	A Psychometrically Robust Screening Tool To Rapidly Identify Socially Impaired Monkeys In The General Population. Autism Research, 2020, 13, 1465-1475.	3.8	14
45	Reorganization of the Primate Dorsal Horn in Response to a Deafferentation Lesion Affecting Hand Function. Journal of Neuroscience, 2020, 40, 1625-1639.	3.6	12
46	Full closed loop open-source algorithm performance comparison in pigs with diabetes. Clinical and Translational Medicine, 2021, 11, e387.	4.0	11
47	ENU mutagenesis reveals that Notchless homolog 1 (Drosophila) affects Cdkn1a and several members of the Wnt pathway during murine pre-implantation development. BMC Genetics, 2012, 13, 106.	2.7	10
48	Autism-associated biomarkers: test-retest reliability and relationship to quantitative social trait variation in rhesus monkeys. Molecular Autism, 2021, 12, 50.	4.9	10
49	Two of a Kind or a Full House? Reproductive Suppression and Alloparenting in Laboratory Mice. PLoS ONE, 2016, 11, e0154966.	2.5	10
50	Heâs getting under my skin! Comparing the sensitivity and specificity of dermal vs subcuticular lesions as a measure of aggression in mice. Applied Animal Behaviour Science, 2016, 183, 77-85.	1.9	8
51	Breaking up is hard to do: Does splitting cages of mice reduce aggression?. Applied Animal Behaviour Science, 2018, 206, 94-101.	1.9	8
52	Assessment of medical morbidities in a rhesus monkey model of naturally occurring low sociality. Autism Research, 2021, 14, 1332-1346.	3.8	7
53	Behavioral recovery after a spinal deafferentation injury in monkeys does not correlate with extent of corticospinal sprouting. Behavioural Brain Research, 2022, 416, 113533.	2.2	3
54	Oxytocin and the social facilitation of placebo effects. Molecular Psychiatry, 2022, 27, 2640-2649.	7.9	3