Karen J Parker

List of Publications by Year in descending order

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72 papers	6,832 citations	101543 36 h-index	88630 70 g-index
72 all docs	72 docs citations	72 times ranked	8028 citing authors

#	Article	IF	Citations
1	Oxytocin and the social facilitation of placebo effects. Molecular Psychiatry, 2022, 27, 2640-2649.	7.9	3
2	Leveraging a translational research approach to drive diagnostic and treatment advances for autism. Molecular Psychiatry, 2022, 27, 2650-2658.	7.9	9
3	Socio-behavioral dysfunction in disorders of hypothalamic-pituitary involvement: The potential role of disease-induced oxytocin and vasopressin signaling deficits. Neuroscience and Biobehavioral Reviews, 2022, 140, 104770.	6.1	6
4	Complex Interplay Between Cognitive Ability and Social Motivation in Predicting Social Skill: A Unique Role for Social Motivation in Children With Autism. Autism Research, 2021, 14, 86-92.	3.8	19
5	Long-term effects of intermittent early life stress on primate prefrontalâ€“subcortical functional connectivity. Neuropsychopharmacology, 2021, 46, 1348-1356.	5.4	16
6	The factor structure of the macaque social responsiveness scaleâ€revised predicts social behavior and personality dimensions. American Journal of Primatology, 2021, 83, e23234.	1.7	10
7	Assessment of medical morbidities in a rhesus monkey model of naturally occurring low sociality. Autism Research, 2021, 14, 1332-1346.	3.8	7
8	Autism-associated biomarkers: testâ€“retest reliability and relationship to quantitative social trait variation in rhesus monkeys. Molecular Autism, 2021, 12, 50.	4.9	10
9	Characterizing Emotion Recognition and Theory of Mind Performance Profiles in Unaffected Siblings of Autistic Children. Frontiers in Psychology, 2021, 12, 736324.	2.1	0
10	A Psychometrically Robust Screening Tool To Rapidly Identify Socially Impaired Monkeys In The General Population. Autism Research, 2020, 13, 1465-1475.	3.8	14
11	Neonatal CSF vasopressin concentration predicts later medical record diagnoses of autism spectrum disorder. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 10609-10613.	7.1	39
12	Variation, plasticity, and alternative mating tactics: Revisiting what we know about the socially monogamous prairie vole. Advances in the Study of Behavior, 2020, , 203-242.	1.6	28
13	Nonlinear relationship between early life stress exposure and subsequent resilience in monkeys. Scientific Reports, 2019, 9, 16232.	3.3	16
14	Blood oxytocin concentration positively predicts contagious yawning behavior in children with autism spectrum disorder. Autism Research, 2019, 12, 1156-1161.	3.8	17
15	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
16	Biomarker discovery for disease status and symptom severity in children with autism. Psychoneuroendocrinology, 2018, 89, 39-45.	2.7	28
17	Arginine vasopressin in cerebrospinal fluid is a marker of sociality in nonhuman primates. Science Translational Medicine, 2018, 10, .	12.4	50
18	Cerebrospinal fluid vasopressin and symptom severity in children with autism. Annals of Neurology, 2018, 84, 611-615.	5.3	40

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19	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
20	Plasma anandamide concentrations are lower in children with autism spectrum disorder. Molecular Autism, 2018, 9, 18.	4.9	81
21	Preference for novel faces in male infant monkeys predicts cerebrospinal fluid oxytocin concentrations later in life. Scientific Reports, 2017, 7, 12935.	3.3	15
22	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
23	Vigilance for threat accounts for interâ€individual variation in physiological responses to adversity in rhesus macaques: A cognitionâ€‰Â—â€‰environment approach. Developmental Psychobiology, 2017, 59, 1031-1038.	1.6	9
24	Early Predictors of Impaired Social Functioning in Male Rhesus Macaques (Macaca mulatta). PLoS ONE, 2016, 11, e0165401.	2.5	45
25	Endocannabinoid signaling in social functioning: an RDoC perspective. Translational Psychiatry, 2016, 6, e905-e905.	4.8	47
26	Effects of early life adversity on cortisol/salivary alpha-amylase symmetry in free-ranging juvenile rhesus macaques. Hormones and Behavior, 2016, 86, 78-84.	2.1	22
27	Cup tool use by squirrel monkeys. American Journal of Primatology, 2015, 77, 1323-1332.	1.7	3
28	Dopamine D4 receptor genotype variation in free-ranging rhesus macaques and its association with juvenile behavior. Behavioural Brain Research, 2015, 292, 50-55.	2.2	19
29	Cerebrospinal fluid and plasma oxytocin concentrations are positively correlated and negatively predict anxiety in children. Molecular Psychiatry, 2015, 20, 1085-1090.	7.9	187
30	Arginine Vasopressin Is a Blood-Based Biomarker of Social Functioning in Children with Autism. PLoS ONE, 2015, 10, e0132224.	2.5	54
31	Early Experience Affects the Strength of Vigilance for Threat in Rhesus Monkey Infants. Psychological Science, 2014, 25, 1893-1902.	3.3	34
32	Emotion Dysregulation and the Core Features of Autism Spectrum Disorder. Journal of Autism and Developmental Disorders, 2014, 44, 1766-1772.	2.7	206
33	Physiological and behavioural responses to weaning conflict in free-ranging primate infants. Animal Behaviour, 2014, 97, 241-247.	1.9	32
34	Plasma oxytocin concentrations and OXTR 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
35	Plasma vasopressin concentrations positively predict cerebrospinal fluid vasopressin concentrations in human neonates. Peptides, 2014, 61, 12-16.	2.4	27
36	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

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37	The three-hit concept of vulnerability and resilience: Toward understanding adaptation to early-life adversity outcome. Psychoneuroendocrinology, 2013, 38, 1858-1873.	2.7	439
38	Neonatal CSF oxytocin levels are associated with parent report of infant soothability and sociability. Psychoneuroendocrinology, 2013, 38, 1208-1212.	2.7	47
39	Hypothalamic-pituitary-adrenal axis physiology and cognitive control of behavior in stress inoculated monkeys. International Journal of Behavioral Development, 2012, 36, 45-52.	2.4	25
40	Distinct Plasma Profile of Polar Neutral Amino Acids, Leucine, and Glutamate in Children with Autism Spectrum Disorders. Journal of Autism and Developmental Disorders, 2012, 42, 827-836.	2.7	65
41	Effects of intranasal oxytocin on social anxiety in males with fragile X syndrome. Psychoneuroendocrinology, 2012, 37, 509-518.	2.7	125
42	Oxytocin receptor gene polymorphism (rs2254298) interacts with familial risk for psychopathology to predict symptoms of depression and anxiety in adolescent girls. Psychoneuroendocrinology, 2011, 36, 144-147.	2.7	187
43	Somatic and neuroendocrine responses to standard and biologically salient acoustic startle stimuli in monkeys. Psychoneuroendocrinology, 2011, 36, 547-556.	2.7	10
44	Identifying key features of early stressful experiences that produce stress vulnerability and resilience in primates. Neuroscience and Biobehavioral Reviews, 2011, 35, 1466-1483.	6.1	158
45	A novel form of oxytocin in New World monkeys. Biology Letters, 2011, 7, 584-587.	2.3	80
46	Psychological stress in childhood and susceptibility to the chronic diseases of aging: Moving toward a model of behavioral and biological mechanisms.. Psychological Bulletin, 2011, 137, 959-997.	6.1	1,433
47	Mu-opioid receptor (OPRM1) variation, oxytocin levels and maternal attachment in free-ranging rhesus macaques Macaca mulatta.. Behavioral Neuroscience, 2011, 125, 131-136.	1.2	64
48	Effects of age on cerebrospinal fluid oxytocin levels in free-ranging adult female and infant rhesus macaques.. Behavioral Neuroscience, 2010, 124, 428-433.	1.2	38
49	Animal models of early life stress: Implications for understanding resilience. Developmental Psychobiology, 2010, 52, 402-410.	1.6	101
50	Animal models of early life stress: Implications for understanding resilience. Developmental Psychobiology, 2010, 52, 616-624.	1.6	90
51	Preliminary evidence that plasma oxytocin levels are elevated in major depression. Psychiatry Research, 2010, 178, 359-362.	3.3	139
52	Developmental cascades linking stress inoculation, arousal regulation, and resilience. Frontiers in Behavioral Neuroscience, 2009, 3, 32.	2.0	111
53	Prefrontal Plasticity and Stress Inoculation-Induced Resilience. Developmental Neuroscience, 2009, 31, 293-299.	2.0	72
54	For better or worse? Stress inoculation effects for implicit but not explicit anxiety. Depression and Anxiety, 2009, 26, 831-837.	4.1	36

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55	Preliminary Evidence That Hippocampal Volumes in Monkeys Predict Stress Levels of Adrenocorticotropic Hormone. Biological Psychiatry, 2007, 62, 1171-1174.	1.3	28
56	Stress inoculationâ€induced indications of resilience in monkeys. Journal of Traumatic Stress, 2007, 20, 423-433.	1.8	151
57	Early life stress and novelty seeking behavior in adolescent monkeys. Psychoneuroendocrinology, 2007, 32, 785-792.	2.7	71
58	Social stress-related behavior affects hippocampal cell proliferation in mice. Physiology and Behavior, 2006, 89, 123-127.	2.1	80
59	Maternal mediation, stress inoculation, and the development of neuroendocrine stress resistance in primates. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 3000-3005.	7.1	183
60	Intranasal oxytocin administration attenuates the ACTH stress response in monkeys. Psychoneuroendocrinology, 2005, 30, 924-929.	2.7	186
61	Mild early life stress enhances prefrontal-dependent response inhibition in monkeys. Biological Psychiatry, 2005, 57, 848-855.	1.3	96
62	Prospective Investigation of Stress Inoculation in Young Monkeys. Archives of General Psychiatry, 2004, 61, 933.	12.3	154
63	Neuroendocrine aspects of hypercortisolism in major depression. Hormones and Behavior, 2003, 43, 60-66.	2.1	376
64	Female meadow voles (Microtus pennsylvanicus) demonstrate same-sex partner preferences.. Journal of Comparative Psychology (Washington, D C: 1983), 2003, 117, 283-289.	0.5	34
65	Circadian and Homeostatic Regulation of Hypocretin in a Primate Model: Implications for the Consolidation of Wakefulness. Journal of Neuroscience, 2003, 23, 3555-3560.	3.6	266
66	Interaction of photoperiod and testes development is associated with paternal care in Microtus pennsylvanicus (meadow voles). Physiology and Behavior, 2002, 75, 91-95.	2.1	13
67	Central Vasopressin Administration Regulates the Onset of Facultative Paternal Behavior in Microtus pennsylvanicus (Meadow Voles). Hormones and Behavior, 2001, 39, 285-294.	2.1	100
68	Social and environmental factors influence the suppression of pup-directed aggression and development of paternal behavior in captive meadow voles (Microtus pennsylvanicus).. Journal of Comparative Psychology (Washington, D C: 1983), 2001, 115, 331-336.	0.5	17
69	Paternal behavior is associated with central neurohormone receptor binding patterns in meadow voles (Microtus pennsylvanicus).. Behavioral Neuroscience, 2001, 115, 1341-1348.	1.2	53
70	Day length and sociosexual cohabitation alter central oxytocin receptor binding in female meadow voles (Microtus pennsylvanicus).. Behavioral Neuroscience, 2001, 115, 1349-1356.	1.2	30
71	Development of selective partner preferences in captive male and female meadow voles, Microtus pennsylvanicus. Animal Behaviour, 2001, 61, 1217-1226.	1.9	36
72	Social and environmental factors influence the suppression of pup-directed aggression and development of paternal behavior in captive meadow voles (Microtus pennsylvanicus).. Journal of Comparative Psychology (Washington, D C: 1983), 2001, 115, 331-336.	0.5	0