Karen J Parker

List of Publications by Year in descending order

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Version: 2024-02-01

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	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
2	The three-hit concept of vulnerability and resilience: Toward understanding adaptation to early-life adversity outcome. Psychoneuroendocrinology, 2013, 38, 1858-1873.	2.7	439
3	Neuroendocrine aspects of hypercortisolism in major depression. Hormones and Behavior, 2003, 43, 60-66.	2.1	376
4	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
5	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
6	Emotion Dysregulation and the Core Features of Autism Spectrum Disorder. Journal of Autism and Developmental Disorders, 2014, 44, 1766-1772.	2.7	206
7	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
8	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
9	Cerebrospinal fluid and plasma oxytocin concentrations are positively correlated and negatively predict anxiety in children. Molecular Psychiatry, 2015, 20, 1085-1090.	7.9	187
10	Intranasal oxytocin administration attenuates the ACTH stress response in monkeys. Psychoneuroendocrinology, 2005, 30, 924-929.	2.7	186
11	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
12	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
13	Prospective Investigation of Stress Inoculation in Young Monkeys. Archives of General Psychiatry, 2004, 61, 933.	12.3	154
14	Stress inoculationâ€induced indications of resilience in monkeys. Journal of Traumatic Stress, 2007, 20, 423-433.	1.8	151
15	Preliminary evidence that plasma oxytocin levels are elevated in major depression. Psychiatry Research, 2010, 178, 359-362.	3.3	139
16	Effects of intranasal oxytocin on social anxiety in males with fragile X syndrome. Psychoneuroendocrinology, 2012, 37, 509-518.	2.7	125
17	Developmental cascades linking stress inoculation, arousal regulation, and resilience. Frontiers in Behavioral Neuroscience, 2009, 3, 32.	2.0	111
18	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

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19	Animal models of early life stress: Implications for understanding resilience. Developmental Psychobiology, 2010, 52, 402-410.	1.6	101
20	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
21	Mild early life stress enhances prefrontal-dependent response inhibition in monkeys. Biological Psychiatry, 2005, 57, 848-855.	1.3	96
22	Animal models of early life stress: Implications for understanding resilience. Developmental Psychobiology, 2010, 52, 616-624.	1.6	90
23	Plasma anandamide concentrations are lower in children with autism spectrum disorder. Molecular Autism, 2018, 9, 18.	4.9	81
24	Social stress-related behavior affects hippocampal cell proliferation in mice. Physiology and Behavior, 2006, 89, 123-127.	2.1	80
25	A novel form of oxytocin in New World monkeys. Biology Letters, 2011, 7, 584-587.	2.3	80
26	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
27	Prefrontal Plasticity and Stress Inoculation-Induced Resilience. Developmental Neuroscience, 2009, 31, 293-299.	2.0	72
28	Early life stress and novelty seeking behavior in adolescent monkeys. Psychoneuroendocrinology, 2007, 32, 785-792.	2.7	71
29	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
30	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
31	Arginine Vasopressin Is a Blood-Based Biomarker of Social Functioning in Children with Autism. PLoS ONE, 2015, 10, e0132224.	2.5	54
32	Paternal behavior is associated with central neurohormone receptor binding patterns in meadow voles (Microtus pennsylvanicus).. Behavioral Neuroscience, 2001, 115, 1341-1348.	1.2	53
33	Arginine vasopressin in cerebrospinal fluid is a marker of sociality in nonhuman primates. Science Translational Medicine, 2018, 10, .	12.4	50
34	Neonatal CSF oxytocin levels are associated with parent report of infant soothability and sociability. Psychoneuroendocrinology, 2013, 38, 1208-1212.	2.7	47
35	Endocannabinoid signaling in social functioning: an RDoC perspective. Translational Psychiatry, 2016, 6, e905-e905.	4.8	47
36	Early Predictors of Impaired Social Functioning in Male Rhesus Macaques (Macaca mulatta). PLoS ONE, 2016, 11, e0165401.	2.5	45

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37	Cerebrospinal fluid vasopressin and symptom severity in children with autism. Annals of Neurology, 2018, 84, 611-615.	5.3	40
38	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
39	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
40	Development of selective partner preferences in captive male and female meadow voles, Microtus pennsylvanicus. Animal Behaviour, 2001, 61, 1217-1226.	1.9	36
41	For better or worse? Stress inoculation effects for implicit but not explicit anxiety. Depression and Anxiety, 2009, 26, 831-837.	4.1	36
42	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
43	Early Experience Affects the Strength of Vigilance for Threat in Rhesus Monkey Infants. Psychological Science, 2014, 25, 1893-1902.	3.3	34
44	Physiological and behavioural responses to weaning conflict in free-ranging primate infants. Animal Behaviour, 2014, 97, 241-247.	1.9	32
45	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
46	Preliminary Evidence That Hippocampal Volumes in Monkeys Predict Stress Levels of Adrenocorticotropic Hormone. Biological Psychiatry, 2007, 62, 1171-1174.	1.3	28
47	Biomarker discovery for disease status and symptom severity in children with autism. Psychoneuroendocrinology, 2018, 89, 39-45.	2.7	28
48	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
49	Plasma vasopressin concentrations positively predict cerebrospinal fluid vasopressin concentrations in human neonates. Peptides, 2014, 61, 12-16.	2.4	27
50	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
51	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
52	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
53	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
54	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

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55	Blood oxytocin concentration positively predicts contagious yawning behavior in children with autism spectrum disorder. Autism Research, 2019, 12, 1156-1161.	3.8	17
56	Nonlinear relationship between early life stress exposure and subsequent resilience in monkeys. Scientific Reports, 2019, 9, 16232.	3.3	16
57	Long-term effects of intermittent early life stress on primate prefrontalâ€“subcortical functional connectivity. Neuropsychopharmacology, 2021, 46, 1348-1356.	5.4	16
58	Preference for novel faces in male infant monkeys predicts cerebrospinal fluid oxytocin concentrations later in life. Scientific Reports, 2017, 7, 12935.	3.3	15
59	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
60	A Psychometrically Robust Screening Tool To Rapidly Identify Socially Impaired Monkeys In The General Population. Autism Research, 2020, 13, 1465-1475.	3.8	14
61	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
62	Somatic and neuroendocrine responses to standard and biologically salient acoustic startle stimuli in monkeys. Psychoneuroendocrinology, 2011, 36, 547-556.	2.7	10
63	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
64	Autism-associated biomarkers: testâ€“retest reliability and relationship to quantitative social trait variation in rhesus monkeys. Molecular Autism, 2021, 12, 50.	4.9	10
65	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
66	Leveraging a translational research approach to drive diagnostic and treatment advances for autism. Molecular Psychiatry, 2022, 27, 2650-2658.	7.9	9
67	Assessment of medical morbidities in a rhesus monkey model of naturally occurring low sociality. Autism Research, 2021, 14, 1332-1346.	3.8	7
68	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
69	Cup tool use by squirrel monkeys. American Journal of Primatology, 2015, 77, 1323-1332.	1.7	3
70	Oxytocin and the social facilitation of placebo effects. Molecular Psychiatry, 2022, 27, 2640-2649.	7.9	3
71	Characterizing Emotion Recognition and Theory of Mind Performance Profiles in Unaffected Siblings of Autistic Children. Frontiers in Psychology, 2021, 12, 736324.	2.1	0
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