Karen L Bales

List of Publications by Year
in descending order

126	5,849	70961 41	85405 71
papers	citations	h-index	g-index

129	129	129	5015
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Why primate models matter. American Journal of Primatology, 2014, 76, 801-827.	0.8	451
2	Chronic Intranasal Oxytocin Causes Long-Term Impairments in Partner Preference Formation in Male Prairie Voles. Biological Psychiatry, 2013, 74, 180-188.	0.7	225
3	Sex differences and developmental effects of oxytocin on aggression and social behavior in prairie voles (Microtus ochrogaster). Hormones and Behavior, 2003, 44, 178-184.	1.0	181
4	Developmental exposure to oxytocin facilitates partner preferences in male prairie voles (Microtus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.6	162
5	Both oxytocin and vasopressin may influence alloparental behavior in male prairie voles. Hormones and Behavior, 2004, 45, 354-361.	1.0	160
6	Oxytocin has dose-dependent developmental effects on pair-bonding and alloparental care in female prairie voles. Hormones and Behavior, 2007, 52, 274-279.	1.0	148
7	Chronic oxytocin administration inhibits food intake, increases energy expenditure, and produces weight loss in fructose-fed obese rhesus monkeys. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2015, 308, R431-R438.	0.9	141
8	Neonatal oxytocin manipulations have long-lasting, sexually dimorphic effects on vasopressin receptors. Neuroscience, 2007, 144, 38-45.	1.1	135
9	Consequences of Early Experiences and Exposure to Oxytocin and Vasopressin Are Sexually Dimorphic. Developmental Neuroscience, 2009, 31, 332-341.	1.0	132
10	Cross-Species Transmission of a Novel Adenovirus Associated with a Fulminant Pneumonia Outbreak in a New World Monkey Colony. PLoS Pathogens, 2011, 7, e1002155.	2.1	124
11	Sex differences and developmental effects of manipulations of oxytocin on alloparenting and anxiety in prairie voles. Developmental Psychobiology, 2004, 44, 123-131.	0.9	121
12	Oxytocin and Vasopressin in Children and Adolescents With Autism Spectrum Disorders: Sex Differences and Associations With Symptoms. Autism Research, 2013, 6, 91-102.	2.1	119
13	Oxytocin Receptors in the Anteromedial Bed Nucleus of the Stria Terminalis Promote Stress-Induced Social Avoidance in Female California Mice. Biological Psychiatry, 2018, 83, 203-213.	0.7	118
14	Fathering in rodents: Neurobiological substrates and consequences for offspring. Hormones and Behavior, 2016, 77, 249-259.	1.0	116
15	Developmental experiences and the oxytocin receptor system. Hormones and Behavior, 2012, 61, 313-319.	1.0	114
16	Sex-Specific Effects of Stress on Oxytocin Neurons Correspond With Responses to Intranasal Oxytocin. Biological Psychiatry, 2016, 80, 406-414.	0.7	111
17	Plasma and CSF oxytocin levels after intranasal and intravenous oxytocin in awake macaques. Psychoneuroendocrinology, 2016, 66, 185-194.	1.3	110
18	Towards improved animal models for evaluating social cognition and its disruption in schizophrenia: The CNTRICS initiative. Neuroscience and Biobehavioral Reviews, 2013, 37, 2166-2180.	2.9	104

#	Article	IF	Citations
19	Alternative Models for Small Samples in Psychological Research. Educational and Psychological Measurement, 2016, 76, 64-87.	1.2	103
20	Effects of social status, age, and season on androgen and cortisol levels in wild male golden lion tamarins (Leontopithecus rosalia). Hormones and Behavior, 2006, 49, 88-95.	1.0	93
21	Neural correlates of pair-bonding in a monogamous primate. Brain Research, 2007, 1184, 245-253.	1.1	91
22	Connections of Auditory and Visual Cortex in the Prairie Vole (Microtus ochrogaster): Evidence for Multisensory Processing in Primary Sensory Areas. Cerebral Cortex, 2010, 20, 89-108.	1.6	87
23	Effects of Allocare-Givers on Fitness of Infants and Parents in Callitrichid Primates. Folia Primatologica, 2000, 71, 27-38.	0.3	84
24	Early nurture epigenetically tunes the oxytocin receptor. Psychoneuroendocrinology, 2019, 99, 128-136.	1.3	83
25	Chronic CNS oxytocin signaling preferentially induces fat loss in high-fat diet-fed rats by enhancing satiety responses and increasing lipid utilization. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2016, 310, R640-R658.	0.9	82
26	Natural variation in early parental care correlates with social behaviors in adolescent prairie voles (Microtus ochrogaster). Frontiers in Behavioral Neuroscience, 2013, 7, 21.	1.0	77
27	Sources of variability in numbers of live births in wild golden lion tamarins (Leontopithecus rosalia). American Journal of Primatology, 2001, 54, 211-221.	0.8	74
28	Social and reproductive factors affecting cortisol levels in wild female golden lion tamarins (Leontopithecus rosalia). American Journal of Primatology, 2005, 67, 25-35.	0.8	73
29	Preparing New World Monkeys for Laboratory Research. ILAR Journal, 2006, 47, 307-315.	1.8	71
30	Early experience affects the traits of monogamy in a sexually dimorphic manner. Developmental Psychobiology, 2007, 49, 335-342.	0.9	71
31	Effects of stress on parental care are sexually dimorphic in prairie voles. Physiology and Behavior, 2006, 87, 424-429.	1.0	70
32	Are Behavioral Effects of Early Experience Mediated by Oxytocin?. Frontiers in Psychiatry, 2011, 2, 24.	1.3	62
33	Effect of age and autism spectrum disorder on oxytocin receptor density in the human basal forebrain and midbrain. Translational Psychiatry, 2018, 8, 257.	2.4	55
34	Mothers, Fathers, and Others: Neural Substrates of Parental Care. Trends in Neurosciences, 2019, 42, 552-562.	4.2	52
35	Is infant-carrying a courtship strategy in callitrichid primates?. Animal Behaviour, 1997, 53, 1001-1007.	0.8	51
36	Explaining variation in maternal care in a cooperatively breeding mammal. Animal Behaviour, 2002, 63, 453-461.	0.8	51

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37	What is a pair bond?. Hormones and Behavior, 2021, 136, 105062.	1.0	49
38	Development of a partner preference test that differentiates between established pair bonds and other relationships in socially monogamous titi monkeys (Callicebus cupreus). American Journal of Primatology, 2016, 78, 326-339.	0.8	48
39	Costs of pair-bonding and paternal care in male prairie voles (Microtus ochrogaster). Physiology and Behavior, 2009, 98, 367-373.	1.0	47
40	Intergenerational transmission of alloparental behavior and oxytocin and vasopressin receptor distribution in the prairie vole. Frontiers in Behavioral Neuroscience, 2015, 9, 191.	1.0	45
41	Prenatal Stress as a Riskâ€"and an Opportunityâ€"Factor. Psychological Science, 2018, 29, 572-580.	1.8	45
42	Relations among birth condition, maternal condition, and postnatal growth in captive common marmoset monkeys (Callithrix jacchus). American Journal of Primatology, 2004, 62, 83-94.	0.8	41
43	Effects of neonatal oxytocin manipulations on male reproductive potential in prairie voles. Physiology and Behavior, 2004, 81, 519-526.	1.0	41
44	Selective localization of oxytocin receptors and vasopressin 1a receptors in the human brainstem. Social Neuroscience, 2017, 12, 113-123.	0.7	41
45	Intergenerational transmission of sociality: the role of parents in shaping social behavior in monogamous and non-monogamous species. Journal of Experimental Biology, 2017, 220, 114-123.	0.8	41
46	Genetic, epigenetic, and environmental factors controlling oxytocin receptor gene expression. Clinical Epigenetics, 2021, 13, 23.	1.8	41
47	Challenges to the Pair Bond: Neural and Hormonal Effects of Separation and Reunion in a Monogamous Primate. Frontiers in Behavioral Neuroscience, 2016, 10, 221.	1.0	40
48	Inhibition of vasopressin V1a receptors in the medioventral bed nucleus of the stria terminalis has sex- and context-specific anxiogenic effects. Neuropharmacology, 2016, 110, 59-68.	2.0	39
49	Titi Monkeys as a Novel Non-Human Primate Model for the Neurobiology of Pair Bondingâ€©. Yale Journal of Biology and Medicine, 2017, 90, 373-387.	0.2	39
50	Early rearing experience is related to altered aggression and vasopressin production following chronic social isolation in the prairie vole. Behavioural Brain Research, 2015, 283, 37-46.	1.2	38
51	Chronic Intranasal Oxytocin has Dose-dependent Effects on Central Oxytocin and Vasopressin Systems in Prairie Voles (Microtus ochrogaster). Neuroscience, 2018, 369, 292-302.	1.1	37
52	Social touch during development: Long-term effects on brain and behavior. Neuroscience and Biobehavioral Reviews, 2018, 95, 202-219.	2.9	37
53	Imaging, Behavior and Endocrine Analysis of â€œJealousyâ€•in a Monogamous Primate. Frontiers in Ecology and Evolution, 2017, 5, .	1.1	36
54	â€œMonogamyâ€•in Primates: Variability, Trends, and Synthesis: Introduction to special issue on Primate Monogamy. American Journal of Primatology, 2016, 78, 283-287.	0.8	34

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55	Individual differences in cortical connections of somatosensory cortex are associated with parental rearing style in prairie voles (Microtus ochrogaster). Journal of Comparative Neurology, 2016, 524, 564-577.	0.9	34
56	Alloparenting experience affects future parental behavior and reproductive success in prairie voles (Microtus ochrogaster). Behavioural Processes, 2010, 83, 8-15.	0.5	33
57	Organization of sensory neocortex in prairie voles (Microtus ochrogaster). Journal of Comparative Neurology, 2007, 502, 414-426.	0.9	32
58	Effects of pair bonding on dopamine D1 receptors in monogamous male titi monkeys (Callicebus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.8	31
59	Presence of a pair-mate regulates the behavioral and physiological effects of opioid manipulation in the monogamous titi monkey (Callicebus cupreus). Psychoneuroendocrinology, 2013, 38, 2448-2461.	1.3	29
60	Localization of oxytocin receptors in the prairie vole (Microtus ochrogaster) neocortex. Neuroscience, 2017, 348, 201-211.	1.1	26
61	Non-invasive Eye Tracking Methods for New World and Old World Monkeys. Frontiers in Behavioral Neuroscience, 2019, 13, 39.	1.0	26
62	Intergenerational transmission of the behavioral consequences of early experience in prairie voles. Behavioural Processes, 2010, 84, 732-738.	0.5	25
63	Early involvement in friendships predicts later plasma concentrations of oxytocin and vasopressin in juvenile rhesus macaques (Macaca mulatta). Frontiers in Behavioral Neuroscience, 2014, 8, 295.	1.0	24
64	Primate social systems, scent-marking and their applications in mobile and static sensor networks. International Journal of Sensor Networks, 2009, 5, 210.	0.2	23
65	Initial investigation of three selective and potent small molecule oxytocin receptor PET ligands in New World monkeys. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 3370-3375.	1.0	23
66	Pair bond formation leads to a sustained increase in global cerebral glucose metabolism in monogamous male titi monkeys (Callicebus cupreus). Neuroscience, 2017, 348, 302-312.	1.1	23
67	Parenting in animals. Current Opinion in Psychology, 2017, 15, 93-98.	2.5	23
68	Early rearing experience is associated with vasopressin immunoreactivity but not reactivity to an acute non-social stressor in the prairie vole. Physiology and Behavior, 2015, 147, 149-156.	1.0	22
69	Serotonin 1A agonism decreases affiliative behavior in pair-bonded titi monkeys. Hormones and Behavior, 2016, 86, 71-77.	1.0	22
70	Effects of chronic intranasal oxytocin on behavior and cerebral glucose uptake in juvenile titi monkeys. Psychoneuroendocrinology, 2020, 113, 104494.	1.3	22
71	Effects of Chronic Oxytocin Administration and Diet Composition on Oxytocin and Vasopressin 1a Receptor Binding in the Rat Brain. Neuroscience, 2018, 392, 241-251.	1.1	21
72	Generation of Induced Pluripotent Stem Cells from the Prairie Vole. PLoS ONE, 2012, 7, e38119.	1.1	20

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73	Experimental Cross-Species Infection of Common Marmosets by Titi Monkey Adenovirus. PLoS ONE, 2013, 8, e68558.	1.1	20
74	Exploration in a dispersal task: Effects of early experience and correlation with other behaviors in prairie voles (Microtus ochrogaster). Behavioural Processes, 2016, 132, 66-75.	0.5	20
75	Laboratory simulations of mateâ€guarding as a component of the pairâ€bond in male titi monkeys, Callicebus cupreus. American Journal of Primatology, 2016, 78, 573-582.	0.8	19
76	Age-related changes and vocal convergence in titi monkey duet pulses. Behaviour, 2019, 156, 1471-1494.	0.4	19
77	An Animal Model for Mammalian Attachment: Infant Titi Monkey (Plecturocebus cupreus) Attachment Behavior Is Associated With Their Social Behavior as Adults. Frontiers in Psychology, 2020, 11, 25.	1.1	18
78	Endocrine Monitoring of Wild Dominant and Subordinate Female Leontopithecus rosalia. International Journal of Primatology, 2003, 24, 1281-1300.	0.9	17
79	Neonatal exposure to the D1 agonist SKF38393 inhibits pair bonding in the adult prairie vole. Behavioural Pharmacology, 2011, 22, 703-710.	0.8	17
80	Differences in Titi Monkey (Callicebus cupreus) Social Bonds Affect Arousal, Affiliation, and Response to Reward. American Journal of Primatology, 2012, 74, 758-769.	0.8	17
81	Reproductive experiential regulation of cognitive and emotional resilience. Neuroscience and Biobehavioral Reviews, 2015, 58, 92-106.	2.9	17
82	Effects of aggressive temperament on endogenous oxytocin levels in adult titi monkeys. American Journal of Primatology, 2018, 80, e22907.	0.8	17
83	Is Play Behavior Sexually Dimorphic in Monogamous Species?. Ethology, 2008, 114, 989-998.	0.5	16
84	Intranasal oxytocin reduces weight gain in diet-induced obese prairie voles. Physiology and Behavior, 2018, 196, 67-77.	1.0	16
85	Sexual Dimorphism in Titi Monkeysâ€™ Digit (2D:4D) Ratio is Associated with Maternal Urinary Sex Hormones During Pregnancy. Developmental Psychobiology, 2020, 62, 979-991.	0.9	16
86	Relationship tenure differentially influences pairâ€bond behavior in male and female socially monogamous titi monkeys (Callicebus cupreus). American Journal of Primatology, 2020, 82, e23181.	0.8	16
87	Individuality in the vocalizations of infant and adult coppery titi monkeys (Plecturocebus) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf	0.8	16
88	Neural correlates of mating system diversity: oxytocin and vasopressin receptor distributions in monogamous and non-monogamous Eulemur. Scientific Reports, 2021, 11, 3746.	1.6	16
89	Longitudinal Trajectories and Inter-parental Dynamics of Prairie Vole Biparental Care. Frontiers in Ecology and Evolution, 2018, 6, .	1.1	15
90	Revisiting paternal absence: Female alloparental replacement of fathers recovers partner preference formation in female, but not male prairie voles (Microtus ochrogaster). Developmental Psychobiology, 2020, 62, 573-590.	0.9	15

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91	Compositional variation in earlyâ€life parenting structures alters oxytocin and vasopressin 1a receptor development in prairie voles (Microtus ochrogaster). Journal of Neuroendocrinology, 2021, 33, e13001.	1.2	15
92	Hormonal and Experiential Predictors of Infant Survivorship and Maternal Behavior in a Monogamous Primate (<scp>C</scp>allicebus cupreus). American Journal of Primatology, 2012, 74, 462-470.	0.8	14
93	Oxytocin, vasopressin, and primate behavior: Diversity and insight. American Journal of Primatology, 2018, 80, e22919.	0.8	13
94	Parenting costs time: Changes in pair bond maintenance across pregnancy and infant rearing in a monogamous primate (Plecturocebus cupreus). New Directions for Child and Adolescent Development, 2021, , .	1.3	13
95	Long term effects of chronic intranasal oxytocin on adult pair bonding behavior and brain glucose uptake in titi monkeys (Plecturocebus cupreus). Hormones and Behavior, 2022, 140, 105126.	1.0	13
96	Early Intranasal Vasopressin Administration Impairs Partner Preference in Adult Male Prairie Voles (Microtus ochrogaster). Frontiers in Endocrinology, 2017, 8, 145.	1.5	12
97	Urocortin II increases spontaneous parental behavior in prairie voles (Microtus ochrogaster). Behavioural Brain Research, 2008, 186, 284-288.	1.2	11
98	CART peptide following social novelty in the prairie vole (Microtus ochrogaster). Brain Research, 2011, 1414, 32-40.	1.1	10
99	Coppery titi monkey (Plecturocebus cupreus) pairs display coordinated behaviors in response to a simulated intruder. American Journal of Primatology, 2020, 82, e23141.	0.8	10
100	Growing up in the family or growing up alone influences behavior and hormones, but not arginine vasopressin receptor 1a expression in male African striped mice. Physiology and Behavior, 2014, 129, 205-213.	1.0	9
101	Nonapeptide Receptor Distributions in Promising Avian Models for the Neuroecology of Flocking. Frontiers in Neuroscience, 2018, 12, 713.	1.4	9
102	Early Experience and the Developmental Programming of Oxytocin and Vasopressin. , 2008, , 417-433.		9
103	Dopamine D1-like receptors regulate agonistic components of pair bond maintenance behaviors in male titi monkeys (Callicebus cupreus). Psychoneuroendocrinology, 2019, 106, 259-267.	1.3	8
104	Fatherhood alters gene expression within the MPOA. Environmental Epigenetics, 2018, 4, .	0.9	8
105	Relationships between cortisol and urinary androgens in female titi monkeys (Plecturocebus) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.8	8
106	Effects of pairing on color change and central gene expression in lined seahorses. Genes, Brain and Behavior, 2022, 21, .	1.1	8
107	Effect of sex and autism spectrum disorder on oxytocin receptor binding and mRNA expression in the dopaminergic pars compacta of the human substantia nigra. Philosophical Transactions of the Royal Society B: Biological Sciences, 2022, 377, .	1.8	8
108	Interactions between theÎ¹opioid system, corticotropin-releasing hormone and oxytocin in partner loss. Philosophical Transactions of the Royal Society B: Biological Sciences, 2022, 377, .	1.8	8

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109	Fatherhood alters gene expression within the MPOA. Environmental Epigenetics, 2018, 4, dvy026.	0.9	7
110	Developmental Fluoxetine Exposure Alters Behavior and Neuropeptide Receptors in the Prairie Vole. Frontiers in Behavioral Neuroscience, 2020, 14, 584731.	1.0	7
111	Effects of Chronic and Acute Intranasal Oxytocin Treatments on Temporary Social Separation in Adult Titi Monkeys (Plecturocebus cupreus). Frontiers in Behavioral Neuroscience, 0, 16, .	1.0	7
112	D2 antagonist during development decreases anxiety and infanticidal behavior in adult female prairie voles (Microtus ochrogaster). Behavioural Brain Research, 2010, 210, 127-130.	1.2	6
113	Cannabinoid receptor Type 1 densities reflect social organization in Microtus. Journal of Comparative Neurology, 2021, 529, 1004-1017.	0.9	6
114	Large Comparative Analyses of Primate Body Site Microbiomes Indicate that the Oral Microbiome Is Unique among All Body Sites and Conserved among Nonhuman Primates. Microbiology Spectrum, 2022, 10, e0164321.	1.2	5
115	Effects of systemic endocannabinoid manipulation on social and exploratory behavior in prairie voles (Microtus ochrogaster). Psychopharmacology, 2021, 238, 293-304.	1.5	4
116	Effect of reward type on object discrimination learning in socially monogamous coppery titi monkeys (Callicebus cupreus). American Journal of Primatology, 2018, 80, e22868.	0.8	3
117	Introduction to special section on COVIDâ€19 in primatology. American Journal of Primatology, 2020, 82, e23174.	0.8	3
118	Pharmacological Prevention of Neonatal Opioid Withdrawal in a Pregnant Guinea Pig Model. Frontiers in Pharmacology, 2020, 11, 613328.	1.6	3
119	The Value of Unusual Animal Models for Alcohol Research. Alcoholism: Clinical and Experimental Research, 2011, 35, no-no.	1.4	1
120	Neurobiology of Pair Bonding. , 2019, , 262-273.		1
121	Why primate models matter. , 0, .		1
122	Family Life on the Prairie. Frontiers in Neuroscience, 2010, 4, 169.	1.4	0
123	American Journal of Primatology: Goals and priorities of a new editor. American Journal of Primatology, 2018, 80, e22732.	0.8	0
124	Psychobiological development in primates: Introduction to joint special issue with Developmental Psychobiology. American Journal of Primatology, 2020, 82, e23207.	0.8	0
125	Pair-Bonding in Other Mammals. , 2021, , 5677-5681.		0
126	Pair-Bonding in Other Mammals. , 2016, , 1-5.		0