

Elena Choleris

List of Publications by Year in descending order

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107
papers

5,262
citations

61984

43
h-index

91884

69
g-index

110
all docs

110
docs citations

110
times ranked

4530
citing authors

#	ARTICLE	IF	CITATIONS
1	An estrogen-dependent four-gene micronet regulating social recognition: A study with oxytocin and estrogen receptor- $\hat{1}\pm$ and - $\hat{1}^2$ knockout mice. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 6192-6197.	7.1	349
2	Antipredator responses and defensive behavior: ecological and ethological approaches for the neurosciences. Neuroscience and Biobehavioral Reviews, 2001, 25, 577-586.	6.1	220
3	Interplay of oxytocin, vasopressin, and sex hormones in the regulation of social recognition.. Behavioral Neuroscience, 2012, 126, 97-109.	1.2	175
4	Sex differences in the brain: Implications for behavioral and biomedical research. Neuroscience and Biobehavioral Reviews, 2018, 85, 126-145.	6.1	170
5	Neuroendocrinology of social information processing in rats and mice. Frontiers in Neuroendocrinology, 2009, 30, 442-459.	5.2	167
6	Microparticle-based delivery of oxytocin receptor antisense DNA in the medial amygdala blocks social recognition in female mice. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 4670-4675.	7.1	163
7	Involvement of estrogen receptor $\hat{1}$, $\hat{2}$ and oxytocin in social discrimination: a detailed behavioral analysis with knockout female mice. Genes, Brain and Behavior, 2006, 5, 528-539.	2.2	147
8	Rapid Effects of Estrogen Receptor $\hat{1}\pm$ and $\hat{1}^2$ Selective Agonists on Learning and Dendritic Spines in Female Mice. Endocrinology, 2011, 152, 1492-1502.	2.8	141
9	Olfactory-mediated parasite recognition and avoidance: linking genes to behavior. Hormones and Behavior, 2004, 46, 272-283.	2.1	136
10	Low Doses of $17\hat{1}^2$ -Estradiol Rapidly Improve Learning and Increase Hippocampal Dendritic Spines. Neuropsychopharmacology, 2012, 37, 2299-2309.	5.4	128
11	Why estrogens matter for behavior and brain health. Neuroscience and Biobehavioral Reviews, 2017, 76, 363-379.	6.1	123
12	Structural plasticity of the hippocampus in response to estrogens in female rodents. Molecular Brain, 2019, 12, 22.	2.6	119
13	Estrogen involvement in social behavior in rodents: Rapid and long-term actions. Hormones and Behavior, 2015, 74, 53-76.	2.1	114
14	Estradiol differentially regulates lipocalin-type prostaglandin D synthase transcript levels in the rodent brain: Evidence from high-density oligonucleotide arrays and in situ hybridization. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 318-323.	7.1	106
15	Recognition and avoidance of the odors of parasitized conspecifics and predators: Differential genomic correlates. Neuroscience and Biobehavioral Reviews, 2005, 29, 1347-1359.	6.1	97
16	Rapid increases in immature synapses parallel estrogen-induced hippocampal learning enhancements. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 16018-16023.	7.1	92
17	Genes, odours and the recognition of parasitized individuals by rodents. Trends in Parasitology, 2005, 21, 423-429.	3.3	89
18	Decreased cADPR and increased NAD ⁺ in the Cd38 ^{+/+} / ^{-/-} mouse. Biochemical and Biophysical Research Communications, 2006, 346, 188-192.	2.1	88

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19	Kinship, familiarity and social status modulate social learning about ?micropredators? (biting flies) in deer mice. <i>Behavioral Ecology and Sociobiology</i> , 2005, 58, 60-71.	1.4	85
20	Brief Exposure to Female Odors Embodens Male Mice by Reducing Predator-Induced Behavioral and Hormonal Responses. <i>Hormones and Behavior</i> , 2001, 40, 497-509.	2.1	82
21	Inadvertent social information and the avoidance of parasitized male mice: A role for oxytocin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 4293-4298.	7.1	78
22	Rapid effects of the G-protein coupled oestrogen receptor (GPER) on learning and dorsal hippocampus dendritic spines in female mice. <i>Physiology and Behavior</i> , 2015, 149, 53-60.	2.1	78
23	Agonistic behavior in males and females: Effects of an estrogen receptor beta agonist in gonadectomized and gonadally intact mice. <i>Psychoneuroendocrinology</i> , 2010, 35, 1008-1022.	2.7	73
24	Sex differences in N-methyl-d-aspartate involvement in μ opioid and non-opioid predator-induced analgesia in mice. <i>Brain Research</i> , 1997, 768, 30-36.	2.2	72
25	Steroidal/neuropeptide interactions in hypothalamus and amygdala related to social anxiety. <i>Progress in Brain Research</i> , 2008, 170, 291-303.	1.4	72
26	Pain perception and electromagnetic fields. <i>Neuroscience and Biobehavioral Reviews</i> , 2007, 31, 619-642.	6.1	71
27	Functional Genomics of Social Recognition. <i>Journal of Neuroendocrinology</i> , 2004, 16, 383-389.	2.6	69
28	Estrogenic involvement in social learning, social recognition and pathogen avoidance. <i>Frontiers in Neuroendocrinology</i> , 2012, 33, 140-159.	5.2	69
29	Steroids and the brain: 50 years of research, conceptual shifts and the ascent of non-classical and membrane-initiated actions. <i>Hormones and Behavior</i> , 2018, 99, 1-8.	2.1	68
30	Kinship and familiarity as factors affecting social transfer of food preferences in adult Mongolian gerbils (<i>Meriones unguiculatus</i>).. <i>Journal of Comparative Psychology (Washington, D C: 1983)</i> , 1996, 110, 243-251.	0.5	67
31	Differential Effects of Estrogen Receptor Alpha and Beta Specific Agonists on Social Learning of Food Preferences in Female Mice. <i>Neuropsychopharmacology</i> , 2008, 33, 2362-2375.	5.4	67
32	Sex, hormones, and genotype interact to influence psychiatric disease, treatment, and behavioral research. <i>Journal of Neuroscience Research</i> , 2017, 95, 50-64.	2.9	67
33	Aversive and avoidance responses of female mice to the odors of males infected with an ectoparasite and the effects of prior familiarity. <i>Behavioral Ecology and Sociobiology</i> , 2003, 54, 423-430.	1.4	59
34	Rapid effects of dorsal hippocampal G-protein coupled estrogen receptor on learning in female mice. <i>Psychoneuroendocrinology</i> , 2017, 77, 131-140.	2.7	57
35	Exposure to a hypogeomagnetic field or to oscillating magnetic fields similarly reduce stress-induced analgesia in C57 male mice. <i>Life Sciences</i> , 2000, 66, 1299-1306.	4.3	52
36	Estrogens and their receptors in the medial amygdala rapidly facilitate social recognition in female mice. <i>Psychoneuroendocrinology</i> , 2018, 89, 30-38.	2.7	52

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37	Mate-choice copying, social information processing, and the roles of oxytocin. <i>Neuroscience and Biobehavioral Reviews</i> , 2017, 72, 232-242.	6.1	50
38	The promises and pitfalls of sex difference research. <i>Frontiers in Neuroendocrinology</i> , 2020, 56, 100817.	5.2	50
39	Effects of an estrogen receptor alpha agonist on agonistic behaviour in intact and gonadectomized male and female mice. <i>Psychoneuroendocrinology</i> , 2011, 36, 981-995.	2.7	49
40	Oxytocin, vasopressin and estrogen receptor gene expression in relation to social recognition in female mice. <i>Physiology and Behavior</i> , 2012, 105, 915-924.	2.1	48
41	Sociality, Pathogen Avoidance, and the Neuropeptides Oxytocin and Arginine Vasopressin. <i>Psychological Science</i> , 2011, 22, 1367-1374.	3.3	47
42	Activation of the G protein-coupled estrogen receptor, but not estrogen receptor $\hat{1}\pm$ or $\hat{1}^2$, rapidly enhances social learning. <i>Psychoneuroendocrinology</i> , 2015, 58, 51-66.	2.7	47
43	Differential Effects of Dopamine Receptor D1-Type and D2-Type Antagonists and Phase of the Estrous Cycle on Social Learning of Food Preferences, Feeding, and Social Interactions in Mice. <i>Neuropsychopharmacology</i> , 2011, 36, 1689-1702.	5.4	46
44	Rapid effects of estrogens on short-term memory: Possible mechanisms. <i>Hormones and Behavior</i> , 2018, 104, 88-99.	2.1	46
45	The effect of demonstrator age and number on duration of socially-induced food preferences in house mouse (<i>Mus domesticus</i>). <i>Behavioural Processes</i> , 1997, 41, 69-77.	1.1	44
46	Rapid Oestrogenic Regulation of Social and Nonsocial Learning. <i>Journal of Neuroendocrinology</i> , 2013, 25, 1116-1132.	2.6	44
47	Effects of magnetic field exposure on open field behaviour and nociceptive responses in mice. <i>Behavioural Brain Research</i> , 2003, 144, 1-9.	2.2	43
48	Genetic Influences on Aggressive Behaviors and Arousability in Animals. <i>Annals of the New York Academy of Sciences</i> , 2006, 1036, 257-266.	3.8	43
49	The role of social cognition in parasite and pathogen avoidance. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2018, 373, 20170206.	4.0	42
50	Rapid actions of oestrogens and their receptors on memory acquisition and consolidation in females. <i>Journal of Neuroendocrinology</i> , 2018, 30, e12485.	2.6	40
51	Female Clock $\hat{1}^{\text{fl}}/1^{\text{fl}}$ mice are protected from the development of age-dependent cardiomyopathy. <i>Cardiovascular Research</i> , 2018, 114, 259-271.	3.8	37
52	Social neuroscience of disgust. <i>Genes, Brain and Behavior</i> , 2019, 18, e12508.	2.2	35
53	Parasitized female mice display reduced aversive responses to the odours of infected males. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1998, 265, 1111-1118.	2.6	34
54	Luman/CREB3 Recruitment Factor Regulates Glucocorticoid Receptor Activity and Is Essential for Prolactin-Mediated Maternal Instinct. <i>Molecular and Cellular Biology</i> , 2012, 32, 5140-5150.	2.3	32

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55	Estrogenic regulation of social behavior and sexually dimorphic brain formation. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 110, 46-59.	6.1	32
56	Involvement of the oxytocin gene in the recognition and avoidance of parasitized males by female mice. <i>Animal Behaviour</i> , 2005, 70, 693-702.	1.9	28
57	The Role of Dorsal Hippocampal Dopamine D1-Type Receptors in Social Learning, Social Interactions, and Food Intake in Male and Female Mice. <i>Neuropsychopharmacology</i> , 2017, 42, 2344-2353.	5.4	28
58	Social Cognition and the Neurobiology of Rodent Mate Choice. <i>Integrative and Comparative Biology</i> , 2017, 57, 846-856.	2.0	28
59	Familiarity and relatedness: Effects on social learning about foods by Norway rats and Mongolian gerbils. <i>Learning and Behavior</i> , 1998, 26, 448-454.	3.4	27
60	Sex differences in opioid and N -methyl-d-aspartate mediated non-opioid biting fly exposure induced analgesia in deer mice. <i>Pain</i> , 1998, 77, 163-171.	4.2	26
61	LUMAN/CREB3 is a key regulator of glucocorticoid-mediated stress responses. <i>Molecular and Cellular Endocrinology</i> , 2017, 439, 95-104.	3.2	25
62	Sex differences in conditioned taste aversion and in the effects of exposure to a specific pulsed magnetic field in deer mice <i>Peromyscus maniculatus</i> . <i>Physiology and Behavior</i> , 2000, 71, 237-249.	2.1	24
63	Pathogens, odors, and disgust in rodents. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 119, 281-293.	6.1	24
64	Neuroendocrine underpinning of social recognition in males and females. <i>Journal of Neuroendocrinology</i> , 2022, 34, e13070.	2.6	23
65	Estrogen receptors $\hat{1}\pm$ and $\hat{1}^2$ mediate different aspects of the facilitatory effects of female cues on male risk taking. <i>Psychoneuroendocrinology</i> , 2008, 33, 634-642.	2.7	21
66	Dissociable involvement of estrogen receptors in perirhinal cortex-mediated object-place memory in male rats. <i>Psychoneuroendocrinology</i> , 2019, 107, 98-108.	2.7	21
67	Out-Group Threat Responses, In-Group Bias, and Nonapeptide Involvement Are Conserved across Vertebrates: (A Comment on Brintjes et al., "Out-Group Threat Promotes Within-Group Affiliation in a Tj ETQ α 1.1 0.784314 rgBT		
68	Mechanisms Underlying an Ability to Behave Ethically. <i>American Journal of Bioethics</i> , 2008, 8, 10-19.	0.9	18
69	Differential effects of progesterone on social recognition and the avoidance of pathogen threat by female mice. <i>Hormones and Behavior</i> , 2021, 127, 104873.	2.1	18
70	The Role of Estrogen Receptors in the Regulation of Aggressive Behaviors. , 2005, , 231-249.		17
71	The NMDA Receptor Antagonist, NPC 12626, Reduces the Pronociceptive Effects of Orphanin FQ and Kappa Opiate Antinociception in the Land Snail, <i>Cepaea nemoralis</i> . <i>Peptides</i> , 1997, 18, 943-947.	2.4	15
72	Pathogen threat and unfamiliar males rapidly bias the social responses of female mice. <i>Animal Behaviour</i> , 2014, 97, 105-111.	1.9	15

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73	Male risk taking, female odors, and the role of estrogen receptors. <i>Physiology and Behavior</i> , 2012, 107, 751-761.	2.1	14
74	Estrogen receptor beta agonists in neurobehavioral investigations. <i>Current Opinion in Investigational Drugs</i> , 2008, 9, 760-73.	2.3	14
75	Mechanisms underlying sexual and affiliative behaviors of mice: relation to generalized CNS arousal. <i>Social Cognitive and Affective Neuroscience</i> , 2006, 1, 260-270.	3.0	13
76	Endocrine Insights into the Pathophysiology of Autism Spectrum Disorder. <i>Neuroscientist</i> , 2021, 27, 650-667.	3.5	13
77	Enhancing effect of heroin on social recognition learning in male Sprague-Dawley rats: modulation by heroin pre-exposure. <i>Psychopharmacology</i> , 2009, 204, 413-421.	3.1	12
78	Acute corticosterone sexually dimorphically facilitates social learning and inhibits feeding in mice. <i>Neuropharmacology</i> , 2013, 75, 191-200.	4.1	11
79	Mice deficient for striatal Vesicular Acetylcholine Transporter (VAcHT) display impaired short-term but normal long-term object recognition memory. <i>Behavioural Brain Research</i> , 2016, 311, 267-278.	2.2	11
80	Cage-induced stereotypic behaviour in laboratory mice covaries with nucleus accumbens FosB ^{+/+} FosB expression. <i>Behavioural Brain Research</i> , 2016, 301, 238-242.	2.2	10
81	Conspecific infection threat rapidly biases the social responses of female mice: Involvement of oxytocin. <i>Hormones and Behavior</i> , 2019, 113, 67-75.	2.1	10
82	Long-Term Provision of Environmental Resources Alters Behavior but not Physiology or Neuroanatomy of Male and Female BALB/c and C57BL/6 Mice. <i>Journal of the American Association for Laboratory Animal Science</i> , 2015, 54, 718-30.	1.2	10
83	Neurobiological correlates of sociality, mate choice and learning. <i>Trends in Ecology and Evolution</i> , 2013, 28, 4-5.	8.7	9
84	Neurophysiological correlates of stereotypic behaviour in a model carnivore species. <i>Behavioural Brain Research</i> , 2019, 373, 112056.	2.2	9
85	Social factors and the neurobiology of pathogen avoidance. <i>Biology Letters</i> , 2022, 18, 20210371.	2.3	9
86	Use of salient and non-salient visuospatial cues by rats in the Morris Water Maze. <i>Physiology and Behavior</i> , 2006, 87, 794-799.	2.1	8
87	Protein synthesis and actin polymerization in the rapid effects of 17 β -estradiol on short-term social memory and dendritic spine dynamics in female mice. <i>Psychoneuroendocrinology</i> , 2021, 128, 105232.	2.7	8
88	Low dose prenatal testosterone exposure decreases the corticosterone response to stress in adult male, but not female, mice. <i>Brain Research</i> , 2020, 1729, 146613.	2.2	6
89	Sex Differences in Social Cognition. <i>Current Topics in Behavioral Neurosciences</i> , 2022, , 207-234.	1.7	6
90	Neurobiological Aspects of the Effects of Anticipation of Interaction with a Female on Male Cognitive Performance. <i>Archives of Sexual Behavior</i> , 2013, 42, 331-333.	1.9	5

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91	Where are you from? Female mice raised in enriched or conventional cages differ socially, and can be discriminated by other mice. <i>Behavioural Brain Research</i> , 2021, 400, 113025.	2.2	5
92	Developmental age and biological sex influence muscarinic receptor function and neuron morphology within layer VI of the medial prefrontal cortex. <i>Cerebral Cortex</i> , 2022, 32, 3137-3158.	2.9	5
93	The role of oxytocin in shaping complex social behaviours: possible interactions with other neuromodulators. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2022, 377, .	4.0	5
94	Rapid effects of steroids in the brain. <i>Hormones and Behavior</i> , 2018, 104, 1-3.	2.1	3
95	Does demonstrator relevance affect social preferences and the social transmission of food preferences in female mice (<i>Mus musculus</i>)?. <i>Behavioural Processes</i> , 2019, 169, 103983.	1.1	3
96	Odor-based mate choice copying in deer mice is not affected by familiarity or kinship. <i>Animal Cognition</i> , 2022, 25, 241-248.	1.8	3
97	The involvement of oxytocin and vasopressin in social recognition and social learning. , 0, , 232-255.		3
98	Daniel S. Lehrman Lifetime Achievement Award. <i>Hormones and Behavior</i> , 2012, 61, 1-3.	2.1	2
99	A place for behavior in neuroscience: Recent advances in behavioral neuroscience. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 110, 1-2.	6.1	1
100	Progesterone and disgust: A response to "progesterone does raise disgust". <i>Hormones and Behavior</i> , 2022, 137, 104936.	2.1	1
101	Oxytocin, vasopressin, sociality, and pathogen avoidance. , 2013, , 256-269.		1
102	Pathogen and Toxin Disgust in Rodents. , 2021, , 53-78.		1
103	Response to Peer Commentaries on Mechanisms Underlying an Ability to Behave Ethically" Neuroscience Addresses Ethical Behaviors: Transitioning From Philosophical Dialogues to Testable Scientific Theories of Brain and Behavior. <i>American Journal of Bioethics</i> , 2008, 8, W1-W3.	0.9	0
104	New directions in behavioral neuroscience: Sometimes old is new. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 125, 108-109.	6.1	0
105	Amygdala. , 2016, , 1-4.		0
106	Amygdala. , 2020, , 142-145.		0
107	Brain Mechanisms Theoretically Underlying Extremes of Social Behaviors: The Best and the Worst. , 2008, , 13-25.		0