

Greta Sokoloff

List of Publications by Year in descending order

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Version: 2024-02-01

66
papers

2,688
citations

201658

27
h-index

223791

46
g-index

75
all docs

75
docs citations

75
times ranked

2855
citing authors

#	ARTICLE	IF	CITATIONS
1	Do infant rats cry?. <i>Psychological Review</i> , 2001, 108, 83-95.	3.8	186
2	Behavioral Differences among C57BL/6 Substrains: Implications for Transgenic and Knockout Studies. <i>Journal of Neurogenetics</i> , 2008, 22, 315-331.	1.4	177
3	Genetic analysis in the Collaborative Cross breeding population. <i>Genome Research</i> , 2011, 21, 1223-1238.	5.5	158
4	Glyoxalase 1 increases anxiety by reducing GABAA receptor agonist methylglyoxal. <i>Journal of Clinical Investigation</i> , 2012, 122, 2306-2315.	8.2	124
5	Genetic Variation and Population Substructure in Outbred CD-1 Mice: Implications for Genome-Wide Association Studies. <i>PLoS ONE</i> , 2009, 4, e4729.	2.5	123
6	Rapid Whisker Movements in Sleeping Newborn Rats. <i>Current Biology</i> , 2012, 22, 2075-2080.	3.9	120
7	A Common and Unstable Copy Number Variant Is Associated with Differences in <i>Glo1</i> Expression and Anxiety-Like Behavior. <i>PLoS ONE</i> , 2009, 4, e4649.	2.5	108
8	Thermoregulatory competence and behavioral expression in the young of altricial species? Revisited. , 1998, 33, 107-123.		104
9	Genome-Wide Association Studies and the Problem of Relatedness Among Advanced Intercross Lines and Other Highly Recombinant Populations. <i>Genetics</i> , 2010, 185, 1033-1044.	2.9	99
10	Genome-Wide Association Study of d-Amphetamine Response in Healthy Volunteers Identifies Putative Associations, Including Cadherin 13 (<i>CDH13</i>). <i>PLoS ONE</i> , 2012, 7, e42646.	2.5	74
11	<i>Hnrnp1</i> Is A Quantitative Trait Gene for Methamphetamine Sensitivity. <i>PLoS Genetics</i> , 2015, 11, e1005713.	3.5	57
12	Myoclonic Twitching and Sleep-Dependent Plasticity in the Developing Sensorimotor System. <i>Current Sleep Medicine Reports</i> , 2015, 1, 74-79.	1.4	56
13	Self-Generated Whisker Movements Drive State-Dependent Sensory Input to Developing Barrel Cortex. <i>Current Biology</i> , 2020, 30, 2404-2410.e4.	3.9	56
14	Differences in Aggressive Behavior and DNA Copy Number Variants Between BALB/cj and BALB/cByj Substrains. <i>Behavior Genetics</i> , 2010, 40, 201-210.	2.1	53
15	Competition and cooperation among huddling infant rats. <i>Developmental Psychobiology</i> , 2001, 39, 65-75.	1.6	50
16	High-Resolution Genetic Mapping of Complex Traits from a Combined Analysis of F2 and Advanced Intercross Mice. <i>Genetics</i> , 2014, 198, 103-116.	2.9	46
17	Theta Oscillations during Active Sleep Synchronize the Developing Rubro-Hippocampal Sensorimotor Network. <i>Current Biology</i> , 2017, 27, 1413-1424.e4.	3.9	45
18	Genome-Wide Association for Fear Conditioning in an Advanced Intercross Mouse Line. <i>Behavior Genetics</i> , 2012, 42, 437-448.	2.1	44

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19	A role for casein kinase 1 epsilon in the locomotor stimulant response to methamphetamine. <i>Psychopharmacology</i> , 2009, 203, 703-711.	3.1	42
20	Thermogenic, respiratory, and ultrasonic responses of week-old rats across the transition from moderate to extreme cold exposure. <i>Developmental Psychobiology</i> , 1997, 30, 181-194.	1.6	41
21	Neonatal maternal separation alters adult eyeblink conditioning and glucocorticoid receptor expression in the interpositus nucleus of the cerebellum. <i>Developmental Neurobiology</i> , 2007, 67, 1751-1764.	3.0	41
22	Sensorimotor Processing in the Newborn Rat Red Nucleus during Active Sleep. <i>Journal of Neuroscience</i> , 2015, 35, 8322-8332.	3.6	41
23	Genome-wide association for methamphetamine sensitivity in an advanced intercross mouse line. <i>Genes, Brain and Behavior</i> , 2012, 11, 52-61.	2.2	38
24	REM sleep twitches rouse nascent cerebellar circuits: Implications for sensorimotor development. <i>Developmental Neurobiology</i> , 2015, 75, 1140-1153.	3.0	37
25	Twitch-related and rhythmic activation of the developing cerebellar cortex. <i>Journal of Neurophysiology</i> , 2015, 114, 1746-1756.	1.8	36
26	The developing brain revealed during sleep. <i>Current Opinion in Physiology</i> , 2020, 15, 14-22.	1.8	36
27	Fine mapping of QTL for prepulse inhibition in LG/J and SM/J mice using F ₂ and advanced intercross lines. <i>Genes, Brain and Behavior</i> , 2010, 9, 759-767.	2.2	34
28	A valuable and promising method for recording brain activity in behaving newborn rodents. <i>Developmental Psychobiology</i> , 2015, 57, 506-517.	1.6	34
29	Active Sleep Promotes Coherent Oscillatory Activity in the Cortico-Hippocampal System of Infant Rats. <i>Cerebral Cortex</i> , 2020, 30, 2070-2082.	2.9	33
30	Fine-mapping alleles for body weight in LG/J × SM/J F2 and F34 advanced intercross lines. <i>Mammalian Genome</i> , 2011, 22, 563-571.	2.2	31
31	Distress Vocalizations in Infant Rats: What's All the Fuss About?. <i>Psychological Science</i> , 2000, 11, 78-81.	3.3	30
32	Parallel and Serial Sensory Processing in Developing Primary Somatosensory and Motor Cortex. <i>Journal of Neuroscience</i> , 2021, 41, 3418-3431.	3.6	29
33	Cardiovascular concomitants in ultrasound production during cold exposure in infant rats.. <i>Behavioral Neuroscience</i> , 1999, 113, 1274-1282.	1.2	28
34	A developmental analysis of clonidine's effects on cardiac rate and ultrasound production in infant rats. <i>Developmental Psychobiology</i> , 2000, 36, 186-193.	1.6	26
35	Development of Twitching in Sleeping Infant Mice Depends on Sensory Experience. <i>Current Biology</i> , 2015, 25, 656-662.	3.9	26
36	Twitches emerge postnatally during quiet sleep in human infants and are synchronized with sleep spindles. <i>Current Biology</i> , 2021, 31, 3426-3432.e4.	3.9	25

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37	Spatiotemporal organization of myoclonic twitching in sleeping human infants. <i>Developmental Psychobiology</i> , 2020, 62, 697-710.	1.6	24
38	Anxiety and fear in a cross of C57BL/6J and DBA/2J mice: mapping overlapping and independent QTL for related traits. <i>Genes, Brain and Behavior</i> , 2011, 10, 604-614.	2.2	23
39	Congenic dissection of a major QTL for methamphetamine sensitivity implicates epistasis. <i>Genes, Brain and Behavior</i> , 2012, 11, 623-632.	2.2	23
40	Modulation of Tcf7l2 Expression Alters Behavior in Mice. <i>PLoS ONE</i> , 2011, 6, e26897.	2.5	21
41	Spontaneous activity and functional connectivity in the developing cerebellorubral system. <i>Journal of Neurophysiology</i> , 2016, 116, 1316-1327.	1.8	20
42	Movements during sleep reveal the developmental emergence of a cerebellar-dependent internal model in motor thalamus. <i>Current Biology</i> , 2021, 31, 5501-5511.e5.	3.9	20
43	Active sleep in cold-exposed infant Norway rats and Syrian golden hamsters: The role of brown adipose tissue thermogenesis.. <i>Behavioral Neuroscience</i> , 1998, 112, 695-706.	1.2	19
44	Contributions of endothermy to huddling behavior in infant Norway rats (<i>Rattus norvegicus</i>) and Syrian golden hamsters (<i>Mesocricetus auratus</i>).. <i>Journal of Comparative Psychology</i> (Washington, D C) 110(4): 400-408, 2000.	1.2	19
45	Neonatal ethanol exposure results in dose-dependent impairments in the acquisition and timing of the conditioned eyeblink response and altered cerebellar interpositus nucleus and hippocampal CA1 unit activity in adult rats. <i>Alcohol</i> , 2013, 47, 447-457.	1.7	19
46	A comparative analysis of huddling in infant Norway rats and Syrian golden hamsters: Does endothermy modulate behavior?. <i>Behavioral Neuroscience</i> , 2000, 114, 585-593.	1.2	18
47	Wakefulness suppresses retinal wave-related neural activity in visual cortex. <i>Journal of Neurophysiology</i> , 2017, 118, 1190-1197.	1.8	16
48	Corollary discharge in precerebellar nuclei of sleeping infant rats. <i>ELife</i> , 2018, 7, .	6.0	16
49	Dynamics of Brown Fat Thermogenesis in Week-Old Rats: Evidence of Relative Stability during Moderate Cold Exposure. <i>Physiological Zoology</i> , 1997, 70, 324-330.	1.5	15
50	Sensory Coding of Limb Kinematics in Motor Cortex across a Key Developmental Transition. <i>Journal of Neuroscience</i> , 2021, 41, 6905-6918.	3.6	15
51	A large <sc>QTL</sc> for fear and anxiety mapped using an <sc>F₂</sc> cross can be dissected into multiple smaller <sc>QTLs</sc>. <i>Genes, Brain and Behavior</i> , 2013, 12, 714-722.	2.2	13
52	Ethanol-exposed neonatal rats are impaired as adults in classical eyeblink conditioning at multiple unconditioned stimulus intensities. <i>Brain Research</i> , 2007, 1150, 155-166.	2.2	12
53	Cardiovascular mediation of clonidine-induced ultrasound production in infant rats.. <i>Behavioral Neuroscience</i> , 2000, 114, 602-608.	1.2	11
54	Thermoregulatory behavior in infant Norway rats (<i>Rattus norvegicus</i>) and Syrian golden hamsters (<i>Mesocricetus auratus</i>).. <i>Journal of Comparative Psychology</i> (Washington, D C) 110(4): 400-408, 2000.	0.5	11

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55	Pontine and basal forebrain transections disinhibit brown fat thermogenesis in neonatal rats. <i>Brain Research</i> , 1995, 699, 214-220.	2.2	10
56	Thermoregulatory and Cardiac Responses of Infant Spontaneously Hypertensive and Wistar-Kyoto Rats to Cold Exposure. <i>Hypertension</i> , 1999, 33, 1465-1469.	2.7	10
57	Further evidence that BAT thermogenesis modulates cardiac rate in infant rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1998, 274, R1712-R1717.	1.8	9
58	Genome-Wide Association Study in Two Cohorts from a Multi-generational Mouse Advanced Intercross Line Highlights the Difficulty of Replication Due to Study-Specific Heterogeneity. <i>G3: Genes, Genomes, Genetics</i> , 2020, 10, 951-965.	1.8	9
59	Cardiovascular concomitants in ultrasound production during cold exposure in infant rats.. <i>Behavioral Neuroscience</i> , 1999, 113, 1274-1282.	1.2	8
60	A comparative analysis of huddling in infant Norway rats and Syrian golden hamsters: Does endothermy modulate behavior?. <i>Behavioral Neuroscience</i> , 2000, 114, 585-593.	1.2	8
61	Effects of antihypertensive drugs on ultrasound production and cardiovascular responses in 15-day-old rats. <i>Behavioural Brain Research</i> , 2002, 131, 37-46.	2.2	7
62	Hard heads and open minds: A reply to Panksepp (2003).. <i>Psychological Review</i> , 2003, 110, 389-394.	3.8	7
63	Behavioral States Modulate Sensory Processing in Early Development. <i>Current Sleep Medicine Reports</i> , 2019, 5, 112-117.	1.4	5
64	Cardiovascular mediation of clonidine-induced ultrasound production in infant rats.. <i>Behavioral Neuroscience</i> , 2000, 114, 602-608.	1.2	4
65	Recording Extracellular Activity in the Developing Cerebellum of Behaving Rats. <i>NeuroMethods</i> , 2018, , 225-247.	0.3	0
66	Ontogeny of sleep. , 2021, , .		0