

Greta Sokoloff

List of Publications by Year in descending order

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Version: 2024-02-01

65
papers

2,688
citations

249298

26
h-index

252626

46
g-index

75
all docs

75
docs citations

75
times ranked

3174
citing authors

#	ARTICLE	IF	CITATIONS
1	Ontogeny of sleep. , 2021, , .		0
2	Parallel and Serial Sensory Processing in Developing Primary Somatosensory and Motor Cortex. Journal of Neuroscience, 2021, 41, 3418-3431.	1.7	29
3	Sensory Coding of Limb Kinematics in Motor Cortex across a Key Developmental Transition. Journal of Neuroscience, 2021, 41, 6905-6918.	1.7	15
4	Twitches emerge postnatally during quiet sleep in human infants and are synchronized with sleep spindles. Current Biology, 2021, 31, 3426-3432.e4.	1.8	25
5	Movements during sleep reveal the developmental emergence of a cerebellar-dependent internal model in motor thalamus. Current Biology, 2021, 31, 5501-5511.e5.	1.8	20
6	The developing brain revealed during sleep. Current Opinion in Physiology, 2020, 15, 14-22.	0.9	36
7	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. G3: Genes, Genomes, Genetics, 2020, 10, 951-965.	0.8	9
8	Self-Generated Whisker Movements Drive State-Dependent Sensory Input to Developing Barrel Cortex. Current Biology, 2020, 30, 2404-2410.e4.	1.8	56
9	Spatiotemporal organization of myoclonic twitching in sleeping human infants. Developmental Psychobiology, 2020, 62, 697-710.	0.9	24
10	Active Sleep Promotes Coherent Oscillatory Activity in the Cortico-Hippocampal System of Infant Rats. Cerebral Cortex, 2020, 30, 2070-2082.	1.6	33
11	Behavioral States Modulate Sensory Processing in Early Development. Current Sleep Medicine Reports, 2019, 5, 112-117.	0.7	5
12	Recording Extracellular Activity in the Developing Cerebellum of Behaving Rats. Neuromethods, 2018, , 225-247.	0.2	0
13	Corollary discharge in precerebellar nuclei of sleeping infant rats. ELife, 2018, 7, .	2.8	16
14	Theta Oscillations during Active Sleep Synchronize the Developing Rubro-Hippocampal Sensorimotor Network. Current Biology, 2017, 27, 1413-1424.e4.	1.8	45
15	Wakefulness suppresses retinal wave-related neural activity in visual cortex. Journal of Neurophysiology, 2017, 118, 1190-1197.	0.9	16
16	Spontaneous activity and functional connectivity in the developing cerebellorubral system. Journal of Neurophysiology, 2016, 116, 1316-1327.	0.9	20
17	A valuable and promising method for recording brain activity in behaving newborn rodents. Developmental Psychobiology, 2015, 57, 506-517.	0.9	34
18	Sensorimotor Processing in the Newborn Rat Red Nucleus during Active Sleep. Journal of Neuroscience, 2015, 35, 8322-8332.	1.7	41

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19	Twitch-related and rhythmic activation of the developing cerebellar cortex. <i>Journal of Neurophysiology</i> , 2015, 114, 1746-1756.	0.9	36
20	Myoclonic Twitching and Sleep-Dependent Plasticity in the Developing Sensorimotor System. <i>Current Sleep Medicine Reports</i> , 2015, 1, 74-79.	0.7	56
21	Development of Twitching in Sleeping Infant Mice Depends on Sensory Experience. <i>Current Biology</i> , 2015, 25, 656-662.	1.8	26
22	REM sleep twitches rouse nascent cerebellar circuits: Implications for sensorimotor development. <i>Developmental Neurobiology</i> , 2015, 75, 1140-1153.	1.5	37
23	Hnrnp1 Is A Quantitative Trait Gene for Methamphetamine Sensitivity. <i>PLoS Genetics</i> , 2015, 11, e1005713.	1.5	57
24	High-Resolution Genetic Mapping of Complex Traits from a Combined Analysis of F2 and Advanced Intercross Mice. <i>Genetics</i> , 2014, 198, 103-116.	1.2	46
25	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.	0.8	19
26	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.	1.1	13
27	Rapid Whisker Movements in Sleeping Newborn Rats. <i>Current Biology</i> , 2012, 22, 2075-2080.	1.8	120
28	Genome-Wide Association Study of d-Amphetamine Response in Healthy Volunteers Identifies Putative Associations, Including Cadherin 13 (CDH13). <i>PLoS ONE</i> , 2012, 7, e42646.	1.1	74
29	Genome-Wide Association for Fear Conditioning in an Advanced Intercross Mouse Line. <i>Behavior Genetics</i> , 2012, 42, 437-448.	1.4	44
30	Genome-wide association for methamphetamine sensitivity in an advanced intercross mouse line. <i>Genes, Brain and Behavior</i> , 2012, 11, 52-61.	1.1	38
31	Congenic dissection of a major QTL for methamphetamine sensitivity implicates epistasis. <i>Genes, Brain and Behavior</i> , 2012, 11, 623-632.	1.1	23
32	Glyoxalase 1 increases anxiety by reducing GABAA receptor agonist methylglyoxal. <i>Journal of Clinical Investigation</i> , 2012, 122, 2306-2315.	3.9	124
33	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.	1.1	23
34	Fine-mapping alleles for body weight in LG/J Ã— SM/J F2 and F34 advanced intercross lines. <i>Mammalian Genome</i> , 2011, 22, 563-571.	1.0	31
35	Genetic analysis in the Collaborative Cross breeding population. <i>Genome Research</i> , 2011, 21, 1223-1238.	2.4	158
36	Modulation of Tcf7l2 Expression Alters Behavior in Mice. <i>PLoS ONE</i> , 2011, 6, e26897.	1.1	21

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37	Differences in Aggressive Behavior and DNA Copy Number Variants Between BALB/cJ and BALB/cByJ Substrains. <i>Behavior Genetics</i> , 2010, 40, 201-210.	1.4	53
38	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.	1.1	34
39	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.	1.2	99
40	Genetic Variation and Population Substructure in Outbred CD-1 Mice: Implications for Genome-Wide Association Studies. <i>PLoS ONE</i> , 2009, 4, e4729.	1.1	123
41	A role for casein kinase 1 epsilon in the locomotor stimulant response to methamphetamine. <i>Psychopharmacology</i> , 2009, 203, 703-711.	1.5	42
42	A Common and Unstable Copy Number Variant Is Associated with Differences in Glo1 Expression and Anxiety-Like Behavior. <i>PLoS ONE</i> , 2009, 4, e4649.	1.1	108
43	Behavioral Differences among C57BL/6 Substrains: Implications for Transgenic and Knockout Studies. <i>Journal of Neurogenetics</i> , 2008, 22, 315-331.	0.6	177
44	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.	1.5	41
45	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.	1.1	12
46	Hard heads and open minds: A reply to Panksepp (2003).. <i>Psychological Review</i> , 2003, 110, 389-394.	2.7	7
47	Thermoregulatory behavior in infant Norway rats (<i>Rattus norvegicus</i>) and Syrian golden hamsters (<i>Mesocricetus auratus</i>) (Washington, D C: 1983), 2002, 116, 228-239.	0.784314	11
48	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) 107, 103-110.	0.3	11
49	Effects of antihypertensive drugs on ultrasound production and cardiovascular responses in 15-day-old rats. <i>Behavioural Brain Research</i> , 2002, 131, 37-46.	1.2	7
50	Do infant rats cry?. <i>Psychological Review</i> , 2001, 108, 83-95.	2.7	186
51	Competition and cooperation among huddling infant rats. <i>Developmental Psychobiology</i> , 2001, 39, 65-75.	0.9	50
52	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.	0.6	18
53	Cardiovascular mediation of clonidine-induced ultrasound production in infant rats.. <i>Behavioral Neuroscience</i> , 2000, 114, 602-608.	0.6	11
54	A developmental analysis of clonidine's effects on cardiac rate and ultrasound production in infant rats. <i>Developmental Psychobiology</i> , 2000, 36, 186-193.	0.9	26

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55	Distress Vocalizations in Infant Rats: What's All the Fuss About?. Psychological Science, 2000, 11, 78-81.	1.8	30
56	A comparative analysis of huddling in infant Norway rats and Syrian golden hamsters: does endothermy modulate behavior?. Behavioral Neuroscience, 2000, 114, 585-93.	0.6	8
57	Cardiovascular concomitants in ultrasound production during cold exposure in infant rats.. Behavioral Neuroscience, 1999, 113, 1274-1282.	0.6	28
58	Thermoregulatory and Cardiac Responses of Infant Spontaneously Hypertensive and Wistar-Kyoto Rats to Cold Exposure. Hypertension, 1999, 33, 1465-1469.	1.3	10
59	Cardiovascular concomitants of ultrasound production during cold exposure in infant rats. Behavioral Neuroscience, 1999, 113, 1274-82.	0.6	8
60	Thermoregulatory competence and behavioral expression in the young of altricial species?Revisited. , 1998, 33, 107-123.		104
61	Active sleep in cold-exposed infant Norway rats and Syrian golden hamsters: The role of brown adipose tissue thermogenesis.. Behavioral Neuroscience, 1998, 112, 695-706.	0.6	19
62	Further evidence that BAT thermogenesis modulates cardiac rate in infant rats. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 1998, 274, R1712-R1717.	0.9	9
63	Dynamics of Brown Fat Thermogenesis in Week-Old Rats: Evidence of Relative Stability during Moderate Cold Exposure. Physiological Zoology, 1997, 70, 324-330.	1.5	15
64	Thermogenic, respiratory, and ultrasonic responses of week-old rats across the transition from moderate to extreme cold exposure. , 1997, 30, 181-194.		41
65	Pontine and basal forebrain transections disinhibit brown fat thermogenesis in neonatal rats. Brain Research, 1995, 699, 214-220.	1.1	10