Erin Siciliano Calipari

List of Publications by Year
in descending order

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95 papers	5,500 citations	87888 38 h-index	95266 68 g-index
107 all docs	107 docs citations	107 times ranked	6943 citing authors

#	Article	IF	Citations
1	Accumbal Histamine Signaling Engages Discrete Interneuron Microcircuits. Biological Psychiatry, 2023, 93, 1041-1052.	1.3	6
2	Acute restraint stress redirects prefrontal cortex circuit function through mGlu5 receptor plasticity on somatostatin-expressing interneurons. Neuron, 2022, 110, 1068-1083.e5.	8.1	36
3	Manganese-induced hyperactivity and dopaminergic dysfunction depend on age, sex and YAC128 genotype. Pharmacology Biochemistry and Behavior, 2022, 213, 173337.	2.9	6
4	Midbrain projection to the basolateral amygdala encodes anxiety-like but not depression-like behaviors. Nature Communications, 2022, 13, 1532.	12.8	56
5	The influence of reinforcement schedule on experienceâ€dependent changes in motivation. Journal of the Experimental Analysis of Behavior, 2022, 117, 320-330.	1.1	4
6	Using complex behavior to understand brain mechanisms in health and disease. Journal of the Experimental Analysis of Behavior, 2022, , .	1.1	1
7	Endocannabinoid regulation of behavior in response to negative affective states associated with alcohol abstinence. FASEB Journal, 2022, 36, .	0.5	0
8	Cocaine-related DNA methylation in caudate neurons alters 3D chromatin structure of the IRXA gene cluster. Molecular Psychiatry, 2021, 26, 3134-3151.	7.9	15
9	Sex differences in dopamine release regulation in the striatum. Neuropsychopharmacology, 2021, 46, 491-499.	5.4	68
10	Ascorbate deficiency decreases dopamine release in gulo â€"/â€" and APP/PSEN1 mice. Journal of Neurochemistry, 2021, 157, 656-665.	3.9	12
11	The critical importance of understanding comorbidities to effectively treat drug addiction. International Review of Neurobiology, 2021, 157, xiii-xv.	2.0	0
12	From Circuits to Chromatin: The Emerging Role of Epigenetics in Mental Health. Journal of Neuroscience, 2021, 41, 873-882.	3.6	22
13	Toward Standardized Guidelines for Investigating Neural Circuit Control of Behavior in Animal Research. ENeuro, 2021, 8, ENEURO.0498-20.2021.	1.9	13
14	Sex differences in psychostimulant effects at the dopamine transporter. FASEB Journal, 2021, 35, .	0.5	0
15	Accumbal D1 and D2Âmedium spiny neurons control distinct learning parameters in complex behavior. FASEB Journal, 2021, 35, .	0.5	0
16	Cocaine self-administration induces sex-dependent protein expression in the nucleus accumbens. Communications Biology, 2021, 4, 883.	4.4	25
17	An optimized procedure for robust volitional cocaine intake in mice.. Experimental and Clinical Psychopharmacology, 2021, 29, 319-333.	1.8	5
18	Dopamine release in the nucleus accumbens core signals perceived saliency. Current Biology, 2021, 31, 4748-4761.e8.	3.9	94

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19	Methylation of the tyrosine hydroxylase gene is dysregulated by cocaine dependence in the human striatum. IScience, 2021, 24, 103169.	4.1	8
20	Granulocyte colony-stimulating factor (G-CSF) enhances cocaine effects in the nucleus accumbens via a dopamine releaseâ€“based mechanism. Psychopharmacology, 2021, 238, 3499-3509.	3.1	3
21	Granulocyte-Colony Stimulating Factor Reduces Cocaine-Seeking and Downregulates Glutamatergic Synaptic Proteins in Medial Prefrontal Cortex. Journal of Neuroscience, 2021, 41, 1553-1565.	3.6	11
22	Negative feedback control of neuronal activity by microglia. Nature, 2020, 586, 417-423.	27.8	520
23	Dopamine Release in the Midbrain Promotes Anxiety. Biological Psychiatry, 2020, 88, 815-817.	1.3	3
24	Direct dopamine terminal regulation by local striatal microcircuitry. Journal of Neurochemistry, 2020, 155, 475-493.	3.9	41
25	Different adaptations of dopamine release in Nucleus Accumbens shell and core of individual alcohol drinking groups of mice. Neuropharmacology, 2020, 175, 108176.	4.1	8
26	A novel multidimensional reinforcement task in mice elucidates sex-specific behavioral strategies. Neuropsychopharmacology, 2020, 45, 1463-1472.	5.4	19
27	Cocaine-regulated microRNA miR-124 controls poly (ADP-ribose) polymerase-1 expression in neuronal cells. Scientific Reports, 2020, 10, 11197.	3.3	29
28	Orexin signaling in GABAergic lateral habenula neurons modulates aggressive behavior in male mice. Nature Neuroscience, 2020, 23, 638-650.	14.8	98
29	Dopaminylation of histone H3 in ventral tegmental area regulates cocaine seeking. Science, 2020, 368, 197-201.	12.6	152
30	Sex-Specific Role for the Long Non-coding RNA LINC00473 in Depression. Neuron, 2020, 106, 912-926.e5.	8.1	98
31	Sex Differences in Nicotinic Receptor Regulation of Local Nucleus Accumbens Circuitry underlying Motivated Behavior. FASEB Journal, 2020, 34, 1-1.	0.5	1
32	Sex differences in cholinergic regulation of behavioral responses to rewarding and aversive stimuli. FASEB Journal, 2020, 34, 1-1.	0.5	0
33	Sex Differences in Value-Based Decision Making Underlie Substance Use Disorders in Females. Alcohol and Alcoholism, 2019, 54, 339-341.	1.6	17
34	Granulocyte-Colony Stimulating Factor Alters the Pharmacodynamic Properties of Cocaine in Female Mice. ACS Chemical Neuroscience, 2019, 10, 4213-4220.	3.5	17
35	The role of the neuropeptide PEN receptor, GPR83, in the reward pathway: Relationship to sex-differences. Neuropharmacology, 2019, 157, 107666.	4.1	12
36	Synaptic Microtubule-Associated Protein EB3 and SRC Phosphorylation Mediate Structural and Behavioral Adaptations During Withdrawal From Cocaine Self-Administration. Journal of Neuroscience, 2019, 39, 5634-5646.	3.6	27

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37	Shared Behavioral and Neurocircuitry Disruptions in Drug Addiction, Obesity, and Binge Eating Disorder: Focus on Group I mGluRs in the Mesolimbic Dopamine Pathway. ACS Chemical Neuroscience, 2019, 10, 2125-2143.	3.5	21
38	Cues play a critical role in estrous cycle-dependent enhancement of cocaine reinforcement. Neuropsychopharmacology, 2019, 44, 1189-1197.	5.4	56
39	Activity-Dependent Epigenetic Remodeling in Cocaine Use Disorder. Handbook of Experimental Pharmacology, 2019, 258, 231-263.	1.8	7
40	Î±1- and Î²3-Adrenergic Receptorâ€“Mediated Mesolimbic Homeostatic Plasticity Confers Resilience to Social Stress in Susceptible Mice. Biological Psychiatry, 2019, 85, 226-236.	1.3	53
41	Cell-type and projection-specific dopaminergic encoding of aversive stimuli in addiction. Brain Research, 2019, 1713, 1-15.	2.2	16
42	Sex Differences in Behavioral Strategies are Accompanied by Differences in Accumbal Dopamine Release. FASEB Journal, 2019, 33, 664.1.	0.5	0
43	Sex Differences in Local Nucleus Accumbens Circuitry and Motivated Behavior. FASEB Journal, 2019, 33, 805.7.	0.5	0
44	Modeling drug addiction in females: how internal state and environmental context facilitate vulnerability. Current Opinion in Behavioral Sciences, 2018, 23, 27-35.	3.9	5
45	Granulocyte-colony stimulating factor controls neural and behavioral plasticity in response to cocaine. Nature Communications, 2018, 9, 9.	12.8	213
46	Cocaine Self-administration Alters Transcriptome-wide Responses in the Brainâ€™s Reward Circuitry. Biological Psychiatry, 2018, 84, 867-880.	1.3	132
47	In Vivo Fiber Photometry Reveals Signature of Future Stress Susceptibility in Nucleus Accumbens. Neuropsychopharmacology, 2018, 43, 255-263.	5.4	105
48	Granulocyte-Colony-Stimulating Factor Alters the Proteomic Landscape of the Ventral Tegmental Area. Proteomes, 2018, 6, 35.	3.5	10
49	Granulocyte Colony Stimulating Factor Enhances Reward Learning through Potentiation of Mesolimbic Dopamine System Function. Journal of Neuroscience, 2018, 38, 8845-8859.	3.6	20
50	Transcriptional and physiological adaptations in nucleus accumbens somatostatin interneurons that regulate behavioral responses to cocaine. Nature Communications, 2018, 9, 3149.	12.8	41
51	Amphetamine Reverses Escalated Cocaine Intake via Restoration of Dopamine Transporter Conformation. Journal of Neuroscience, 2018, 38, 484-497.	3.6	53
52	Dopaminergic dynamics underlying sex-specific cocaine reward. Nature Communications, 2017, 8, 13877.	12.8	256
53	Cocaine-Induced Chromatin Modifications Associate With Increased Expression and Three-Dimensional Looping of Auts2. Biological Psychiatry, 2017, 82, 794-805.	1.3	47
54	682. Estrous Cycle-Dependent Alterations in Cocaine Affinity at the Dopamine Transporter Underlie Enhanced Cocaine Reward in Females. Biological Psychiatry, 2017, 81, S276.	1.3	1

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55	159. The Largest Number of Cocaine-Induced Changes in Chromatin Modifications Are Associated with Increased Expression and 3D Looping of Auts2. Biological Psychiatry, 2017, 81, S66.	1.3	0
56	Cross-talk between the epigenome and neural circuits in drug addiction. Progress in Brain Research, 2017, 235, 19-63.	1.4	18
57	Sex-specific transcriptional signatures in human depression. Nature Medicine, 2017, 23, 1102-1111.	30.7	532
58	Lateral Preoptic Control of the Lateral Habenula through Convergent Glutamate and GABA Transmission. Cell Reports, 2017, 21, 1757-1769.	6.4	94
59	Midbrain circuit regulation of individual alcohol drinking behaviors in mice. Nature Communications, 2017, 8, 2220.	12.8	63
60	Poly (ADP-Ribose) Polymerase-1 (PARP-1) Induction by Cocaine Is Post-Transcriptionally Regulated by miR-125b. ENeuro, 2017, 4, ENEURO.0089-17.2017.	1.9	24
61	Regulation of Tyrosine Hydroxylase Expression and Phosphorylation in Dopamine Transporter-Deficient Mice. ACS Chemical Neuroscience, 2016, 7, 941-951.	3.5	57
62	Histone arginine methylation in cocaine action in the nucleus accumbens. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 9623-9628.	7.1	52
63	Alterations of the Host Microbiome Affect Behavioral Responses to Cocaine. Scientific Reports, 2016, 6, 35455.	3.3	208
64	Chronic ethanol self-administration in macaques shifts dopamine feedback inhibition to predominantly D2 receptors in nucleus accumbens core. Drug and Alcohol Dependence, 2016, 158, 159-163.	3.2	17
65	In vivo imaging identifies temporal signature of D1 and D2 medium spiny neurons in cocaine reward. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 2726-2731.	7.1	258
66	Increased presynaptic regulation of dopamine neurotransmission in the nucleus accumbens core following chronic ethanol self-administration in female macaques. Psychopharmacology, 2016, 233, 1435-1443.	3.1	40
67	Essential Role of Mesolimbic Brain-Derived Neurotrophic Factor in Chronic Social Stressâ€“Induced Depressive Behaviors. Biological Psychiatry, 2016, 80, 469-478.	1.3	164
68	Social isolation rearing increases dopamine uptake and psychostimulant potency in the striatum. Neuropharmacology, 2016, 101, 471-479.	4.1	83
69	Voluntary Ethanol Intake Predicts Î¹-Opioid Receptor Supersensitivity and Regionally Distinct Dopaminergic Adaptations in Macaques. Journal of Neuroscience, 2015, 35, 5959-5968.	3.6	46
70	Differential Influence of Dopamine Transport Rate on the Potencies of Cocaine, Amphetamine, and Methylphenidate. ACS Chemical Neuroscience, 2015, 6, 155-162.	3.5	26
71	Brief Intermittent Cocaine Self-Administration and Abstinence Sensitizes Cocaine Effects on the Dopamine Transporter and Increases Drug Seeking. Neuropsychopharmacology, 2015, 40, 728-735.	5.4	77
72	A Single Amphetamine Infusion Reverses Deficits in Dopamine Nerve-Terminal Function Caused by a History of Cocaine Self-Administration. Neuropsychopharmacology, 2015, 40, 1826-1836.	5.4	19

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73	The brain gene expression profile of dopamine D2/D3 receptors and associated signaling proteins following amphetamine self-administration. Neuroscience, 2015, 307, 253-261.	2.3	11
74	Adaptations of Presynaptic Dopamine Terminals Induced by Psychostimulant Self-Administration. ACS Chemical Neuroscience, 2015, 6, 27-36.	3.5	50
75	More than a Replacement Therapy: Amphetamine Treatment Reverses the Behavioral and Neurochemical Consequences of Cocaine Selfâ€•Administration. FASEB Journal, 2015, 29, 930.10.	0.5	0
76	Intermittent Cocaine Self-Administration Produces Sensitization of Stimulant Effects at the Dopamine Transporter. Journal of Pharmacology and Experimental Therapeutics, 2014, 349, 192-198.	2.5	43
77	Sensitized nucleus accumbens dopamine terminal responses to methylphenidate and dopamine transporter releasers after intermittent-access self-administration. Neuropharmacology, 2014, 82, 1-10.	4.1	22
78	Extended access of cocaine selfâ€administration results in tolerance to the dopamineâ€elevating and locomotorâ€stimulating effects of cocaine. Journal of Neurochemistry, 2014, 128, 224-232.	3.9	66
79	Î²-catenin mediates stress resilience through Dicer1/microRNA regulation. Nature, 2014, 516, 51-55.	27.8	243
80	Amphetamine potency varies with dopamine uptake rate across striatal subregions. Journal of Neurochemistry, 2014, 131, 348-355.	3.9	32
81	Biphasic Mechanisms of Amphetamine Action at the Dopamine Terminal. Journal of Neuroscience, 2014, 34, 5575-5582.	3.6	49
82	Amphetamine Self-Administration Attenuates Dopamine D2 Autoreceptor Function. Neuropsychopharmacology, 2014, 39, 1833-1842.	5.4	40
83	Methylphenidate and cocaine selfâ€administration produce distinct dopamine terminal alterations. Addiction Biology, 2014, 19, 145-155.	2.6	60
84	Examining the Complex Regulation and Drug-Induced Plasticity of Dopamine Release and Uptake Using Voltammetry in Brain Slices. ACS Chemical Neuroscience, 2013, 4, 693-703.	3.5	62
85	Temporal Pattern of Cocaine Intake Determines Tolerance vs Sensitization of Cocaine Effects at the Dopamine Transporter. Neuropsychopharmacology, 2013, 38, 2385-2392.	5.4	158
86	Amphetamine Mechanisms and Actions at the Dopamine Terminal Revisited. Journal of Neuroscience, 2013, 33, 8923-8925.	3.6	84
87	Methylphenidate amplifies the potency and reinforcing effects of amphetamines by increasing dopamine transporter expression. Nature Communications, 2013, 4, 2720.	12.8	66
88	Withdrawal from extendedâ€access cocaine selfâ€administration results in dysregulated functional activity and altered locomotor activity in rats. European Journal of Neuroscience, 2013, 38, 3749-3757.	2.6	30
89	Paradoxical tolerance to cocaine after initial supersensitivity in drugâ€useâ€prone animals. European Journal of Neuroscience, 2013, 38, 2628-2636.	2.6	24
90	Greater Ethanol-Induced Locomotor Activation in DBA/2J versus C57BL/6J Mice Is Not Predicted by Presynaptic Striatal Dopamine Dynamics. PLoS ONE, 2013, 8, e83852.	2.5	25

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91	Neuroadaptations in D2â€like autoreceptor function following AMPH selfâ€administration. FASEB Journal, 2013, 27, 1095.10.	0.5	0
92	Cocaine Self-Administration Produces Pharmacodynamic Tolerance: Differential Effects on the Potency of Dopamine Transporter Blockers, Releasers, and Methylphenidate. Neuropsychopharmacology, 2012, 37, 1708-1716.	5.4	68
93	Conserved dorsalâ€“ventral gradient of dopamine release and uptake rate in mice, rats and rhesus macaques. Neurochemistry International, 2012, 61, 986-991.	3.8	55
94	Hypocretin/orexin regulation of dopamine signaling: implications for reward and reinforcement mechanisms. Frontiers in Behavioral Neuroscience, 2012, 6, 54.	2.0	60
95	Abstract 3575: Angiotensin-(1-7) and temozolomide provide combinatorial inhibition of glioblastoma cell growth. , 2010, , .		0