

Erin Siciliano Calipari

List of Publications by Year in descending order

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95
papers

5,500
citations

87723

38
h-index

95083

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. <i>Biological Psychiatry</i> , 2023, 93, 1041-1052.	0.7	6
2	Acute restraint stress redirects prefrontal cortex circuit function through mGlu5 receptor plasticity on somatostatin-expressing interneurons. <i>Neuron</i> , 2022, 110, 1068-1083.e5.	3.8	36
3	Manganese-induced hyperactivity and dopaminergic dysfunction depend on age, sex and YAC128 genotype. <i>Pharmacology Biochemistry and Behavior</i> , 2022, 213, 173337.	1.3	6
4	Midbrain projection to the basolateral amygdala encodes anxiety-like but not depression-like behaviors. <i>Nature Communications</i> , 2022, 13, 1532.	5.8	56
5	The influence of reinforcement schedule on experience-dependent changes in motivation. <i>Journal of the Experimental Analysis of Behavior</i> , 2022, 117, 320-330.	0.8	4
6	Using complex behavior to understand brain mechanisms in health and disease. <i>Journal of the Experimental Analysis of Behavior</i> , 2022, , .	0.8	1
7	Endocannabinoid regulation of behavior in response to negative affective states associated with alcohol abstinence. <i>FASEB Journal</i> , 2022, 36, .	0.2	0
8	Cocaine-related DNA methylation in caudate neurons alters 3D chromatin structure of the IRXA gene cluster. <i>Molecular Psychiatry</i> , 2021, 26, 3134-3151.	4.1	15
9	Sex differences in dopamine release regulation in the striatum. <i>Neuropsychopharmacology</i> , 2021, 46, 491-499.	2.8	68
10	Ascorbate deficiency decreases dopamine release in gulo “/” and APP/PSEN1 mice. <i>Journal of Neurochemistry</i> , 2021, 157, 656-665.	2.1	12
11	The critical importance of understanding comorbidities to effectively treat drug addiction. <i>International Review of Neurobiology</i> , 2021, 157, xiii-xv.	0.9	0
12	From Circuits to Chromatin: The Emerging Role of Epigenetics in Mental Health. <i>Journal of Neuroscience</i> , 2021, 41, 873-882.	1.7	22
13	Toward Standardized Guidelines for Investigating Neural Circuit Control of Behavior in Animal Research. <i>ENeuro</i> , 2021, 8, ENEURO.0498-20.2021.	0.9	13
14	Sex differences in psychostimulant effects at the dopamine transporter. <i>FASEB Journal</i> , 2021, 35, .	0.2	0
15	Accumbal D1 and D2-medium spiny neurons control distinct learning parameters in complex behavior. <i>FASEB Journal</i> , 2021, 35, .	0.2	0
16	Cocaine self-administration induces sex-dependent protein expression in the nucleus accumbens. <i>Communications Biology</i> , 2021, 4, 883.	2.0	25
17	An optimized procedure for robust volitional cocaine intake in mice.. <i>Experimental and Clinical Psychopharmacology</i> , 2021, 29, 319-333.	1.3	5
18	Dopamine release in the nucleus accumbens core signals perceived saliency. <i>Current Biology</i> , 2021, 31, 4748-4761.e8.	1.8	94

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19	Methylation of the tyrosine hydroxylase gene is dysregulated by cocaine dependence in the human striatum. <i>IScience</i> , 2021, 24, 103169.	1.9	8
20	Granulocyte colony-stimulating factor (G-CSF) enhances cocaine effects in the nucleus accumbens via a dopamine release-based mechanism. <i>Psychopharmacology</i> , 2021, 238, 3499-3509.	1.5	3
21	Granulocyte-Colony Stimulating Factor Reduces Cocaine-Seeking and Downregulates Glutamatergic Synaptic Proteins in Medial Prefrontal Cortex. <i>Journal of Neuroscience</i> , 2021, 41, 1553-1565.	1.7	11
22	Negative feedback control of neuronal activity by microglia. <i>Nature</i> , 2020, 586, 417-423.	13.7	520
23	Dopamine Release in the Midbrain Promotes Anxiety. <i>Biological Psychiatry</i> , 2020, 88, 815-817.	0.7	3
24	Direct dopamine terminal regulation by local striatal microcircuitry. <i>Journal of Neurochemistry</i> , 2020, 155, 475-493.	2.1	41
25	Different adaptations of dopamine release in Nucleus Accumbens shell and core of individual alcohol drinking groups of mice. <i>Neuropharmacology</i> , 2020, 175, 108176.	2.0	8
26	A novel multidimensional reinforcement task in mice elucidates sex-specific behavioral strategies. <i>Neuropsychopharmacology</i> , 2020, 45, 1463-1472.	2.8	19
27	Cocaine-regulated microRNA miR-124 controls poly (ADP-ribose) polymerase-1 expression in neuronal cells. <i>Scientific Reports</i> , 2020, 10, 11197.	1.6	29
28	Orexin signaling in GABAergic lateral habenula neurons modulates aggressive behavior in male mice. <i>Nature Neuroscience</i> , 2020, 23, 638-650.	7.1	98
29	Dopaminylation of histone H3 in ventral tegmental area regulates cocaine seeking. <i>Science</i> , 2020, 368, 197-201.	6.0	152
30	Sex-Specific Role for the Long Non-coding RNA LINC00473 in Depression. <i>Neuron</i> , 2020, 106, 912-926.e5.	3.8	98
31	Sex Differences in Nicotinic Receptor Regulation of Local Nucleus Accumbens Circuitry underlying Motivated Behavior. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.2	1
32	Sex differences in cholinergic regulation of behavioral responses to rewarding and aversive stimuli. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.2	0
33	Sex Differences in Value-Based Decision Making Underlie Substance Use Disorders in Females. <i>Alcohol and Alcoholism</i> , 2019, 54, 339-341.	0.9	17
34	Granulocyte-Colony Stimulating Factor Alters the Pharmacodynamic Properties of Cocaine in Female Mice. <i>ACS Chemical Neuroscience</i> , 2019, 10, 4213-4220.	1.7	17
35	The role of the neuropeptide PEN receptor, GPR83, in the reward pathway: Relationship to sex-differences. <i>Neuropharmacology</i> , 2019, 157, 107666.	2.0	12
36	Synaptic Microtubule-Associated Protein EB3 and SRC Phosphorylation Mediate Structural and Behavioral Adaptations During Withdrawal From Cocaine Self-Administration. <i>Journal of Neuroscience</i> , 2019, 39, 5634-5646.	1.7	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. <i>ACS Chemical Neuroscience</i> , 2019, 10, 2125-2143.	1.7	21
38	Cues play a critical role in estrous cycle-dependent enhancement of cocaine reinforcement. <i>Neuropsychopharmacology</i> , 2019, 44, 1189-1197.	2.8	56
39	Activity-Dependent Epigenetic Remodeling in Cocaine Use Disorder. <i>Handbook of Experimental Pharmacology</i> , 2019, 258, 231-263.	0.9	7
40	Î±1- and Î²3-Adrenergic Receptor-Mediated Mesolimbic Homeostatic Plasticity Confers Resilience to Social Stress in Susceptible Mice. <i>Biological Psychiatry</i> , 2019, 85, 226-236.	0.7	53
41	Cell-type and projection-specific dopaminergic encoding of aversive stimuli in addiction. <i>Brain Research</i> , 2019, 1713, 1-15.	1.1	16
42	Sex Differences in Behavioral Strategies are Accompanied by Differences in Accumbal Dopamine Release. <i>FASEB Journal</i> , 2019, 33, 664.1.	0.2	0
43	Sex Differences in Local Nucleus Accumbens Circuitry and Motivated Behavior. <i>FASEB Journal</i> , 2019, 33, 805.7.	0.2	0
44	Modeling drug addiction in females: how internal state and environmental context facilitate vulnerability. <i>Current Opinion in Behavioral Sciences</i> , 2018, 23, 27-35.	2.0	5
45	Granulocyte-colony stimulating factor controls neural and behavioral plasticity in response to cocaine. <i>Nature Communications</i> , 2018, 9, 9.	5.8	213
46	Cocaine Self-administration Alters Transcriptome-wide Responses in the Brain's Reward Circuitry. <i>Biological Psychiatry</i> , 2018, 84, 867-880.	0.7	132
47	In Vivo Fiber Photometry Reveals Signature of Future Stress Susceptibility in Nucleus Accumbens. <i>Neuropsychopharmacology</i> , 2018, 43, 255-263.	2.8	105
48	Granulocyte-Colony-Stimulating Factor Alters the Proteomic Landscape of the Ventral Tegmental Area. <i>Proteomes</i> , 2018, 6, 35.	1.7	10
49	Granulocyte Colony Stimulating Factor Enhances Reward Learning through Potentiation of Mesolimbic Dopamine System Function. <i>Journal of Neuroscience</i> , 2018, 38, 8845-8859.	1.7	20
50	Transcriptional and physiological adaptations in nucleus accumbens somatostatin interneurons that regulate behavioral responses to cocaine. <i>Nature Communications</i> , 2018, 9, 3149.	5.8	41
51	Amphetamine Reverses Escalated Cocaine Intake via Restoration of Dopamine Transporter Conformation. <i>Journal of Neuroscience</i> , 2018, 38, 484-497.	1.7	53
52	Dopaminergic dynamics underlying sex-specific cocaine reward. <i>Nature Communications</i> , 2017, 8, 13877.	5.8	256
53	Cocaine-Induced Chromatin Modifications Associate With Increased Expression and Three-Dimensional Looping of <i>Auts2</i> . <i>Biological Psychiatry</i> , 2017, 82, 794-805.	0.7	47
54	682. Estrous Cycle-Dependent Alterations in Cocaine Affinity at the Dopamine Transporter Underlie Enhanced Cocaine Reward in Females. <i>Biological Psychiatry</i> , 2017, 81, S276.	0.7	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 Aut2. <i>Biological Psychiatry</i> , 2017, 81, S66.	0.7	0
56	Cross-talk between the epigenome and neural circuits in drug addiction. <i>Progress in Brain Research</i> , 2017, 235, 19-63.	0.9	18
57	Sex-specific transcriptional signatures in human depression. <i>Nature Medicine</i> , 2017, 23, 1102-1111.	15.2	532
58	Lateral Preoptic Control of the Lateral Habenula through Convergent Glutamate and GABA Transmission. <i>Cell Reports</i> , 2017, 21, 1757-1769.	2.9	94
59	Midbrain circuit regulation of individual alcohol drinking behaviors in mice. <i>Nature Communications</i> , 2017, 8, 2220.	5.8	63
60	Poly (ADP-Ribose) Polymerase-1 (PARP-1) Induction by Cocaine Is Post-Transcriptionally Regulated by miR-125b. <i>ENeuro</i> , 2017, 4, ENEURO.0089-17.2017.	0.9	24
61	Regulation of Tyrosine Hydroxylase Expression and Phosphorylation in Dopamine Transporter-Deficient Mice. <i>ACS Chemical Neuroscience</i> , 2016, 7, 941-951.	1.7	57
62	Histone arginine methylation in cocaine action in the nucleus accumbens. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 9623-9628.	3.3	52
63	Alterations of the Host Microbiome Affect Behavioral Responses to Cocaine. <i>Scientific Reports</i> , 2016, 6, 35455.	1.6	208
64	Chronic ethanol self-administration in macaques shifts dopamine feedback inhibition to predominantly D2 receptors in nucleus accumbens core. <i>Drug and Alcohol Dependence</i> , 2016, 158, 159-163.	1.6	17
65	In vivo imaging identifies temporal signature of D1 and D2 medium spiny neurons in cocaine reward. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 2726-2731.	3.3	258
66	Increased presynaptic regulation of dopamine neurotransmission in the nucleus accumbens core following chronic ethanol self-administration in female macaques. <i>Psychopharmacology</i> , 2016, 233, 1435-1443.	1.5	40
67	Essential Role of Mesolimbic Brain-Derived Neurotrophic Factor in Chronic Social Stress-Induced Depressive Behaviors. <i>Biological Psychiatry</i> , 2016, 80, 469-478.	0.7	164
68	Social isolation rearing increases dopamine uptake and psychostimulant potency in the striatum. <i>Neuropharmacology</i> , 2016, 101, 471-479.	2.0	83
69	Voluntary Ethanol Intake Predicts μ -Opioid Receptor Supersensitivity and Regionally Distinct Dopaminergic Adaptations in Macaques. <i>Journal of Neuroscience</i> , 2015, 35, 5959-5968.	1.7	46
70	Differential Influence of Dopamine Transport Rate on the Potencies of Cocaine, Amphetamine, and Methylphenidate. <i>ACS Chemical Neuroscience</i> , 2015, 6, 155-162.	1.7	26
71	Brief Intermittent Cocaine Self-Administration and Abstinence Sensitizes Cocaine Effects on the Dopamine Transporter and Increases Drug Seeking. <i>Neuropsychopharmacology</i> , 2015, 40, 728-735.	2.8	77
72	A Single Amphetamine Infusion Reverses Deficits in Dopamine Nerve-Terminal Function Caused by a History of Cocaine Self-Administration. <i>Neuropsychopharmacology</i> , 2015, 40, 1826-1836.	2.8	19

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73	The brain gene expression profile of dopamine D2/D3 receptors and associated signaling proteins following amphetamine self-administration. <i>Neuroscience</i> , 2015, 307, 253-261.	1.1	11
74	Adaptations of Presynaptic Dopamine Terminals Induced by Psychostimulant Self-Administration. <i>ACS Chemical Neuroscience</i> , 2015, 6, 27-36.	1.7	50
75	More than a Replacement Therapy: Amphetamine Treatment Reverses the Behavioral and Neurochemical Consequences of Cocaine Self-Administration. <i>FASEB Journal</i> , 2015, 29, 930.10.	0.2	0
76	Intermittent Cocaine Self-Administration Produces Sensitization of Stimulant Effects at the Dopamine Transporter. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2014, 349, 192-198.	1.3	43
77	Sensitized nucleus accumbens dopamine terminal responses to methylphenidate and dopamine transporter releasers after intermittent-access self-administration. <i>Neuropharmacology</i> , 2014, 82, 1-10.	2.0	22
78	Extended access of cocaine self-administration results in tolerance to the dopamine-elevating and locomotor-stimulating effects of cocaine. <i>Journal of Neurochemistry</i> , 2014, 128, 224-232.	2.1	66
79	β -catenin mediates stress resilience through Dicer1/microRNA regulation. <i>Nature</i> , 2014, 516, 51-55.	13.7	243
80	Amphetamine potency varies with dopamine uptake rate across striatal subregions. <i>Journal of Neurochemistry</i> , 2014, 131, 348-355.	2.1	32
81	Biphasic Mechanisms of Amphetamine Action at the Dopamine Terminal. <i>Journal of Neuroscience</i> , 2014, 34, 5575-5582.	1.7	49
82	Amphetamine Self-Administration Attenuates Dopamine D2 Autoreceptor Function. <i>Neuropsychopharmacology</i> , 2014, 39, 1833-1842.	2.8	40
83	Methylphenidate and cocaine self-administration produce distinct dopamine terminal alterations. <i>Addiction Biology</i> , 2014, 19, 145-155.	1.4	60
84	Examining the Complex Regulation and Drug-Induced Plasticity of Dopamine Release and Uptake Using Voltammetry in Brain Slices. <i>ACS Chemical Neuroscience</i> , 2013, 4, 693-703.	1.7	62
85	Temporal Pattern of Cocaine Intake Determines Tolerance vs Sensitization of Cocaine Effects at the Dopamine Transporter. <i>Neuropsychopharmacology</i> , 2013, 38, 2385-2392.	2.8	158
86	Amphetamine Mechanisms and Actions at the Dopamine Terminal Revisited. <i>Journal of Neuroscience</i> , 2013, 33, 8923-8925.	1.7	84
87	Methylphenidate amplifies the potency and reinforcing effects of amphetamines by increasing dopamine transporter expression. <i>Nature Communications</i> , 2013, 4, 2720.	5.8	66
88	Withdrawal from extended-access cocaine self-administration results in dysregulated functional activity and altered locomotor activity in rats. <i>European Journal of Neuroscience</i> , 2013, 38, 3749-3757.	1.2	30
89	Paradoxical tolerance to cocaine after initial supersensitivity in drug-use-prone animals. <i>European Journal of Neuroscience</i> , 2013, 38, 2628-2636.	1.2	24
90	Greater Ethanol-Induced Locomotor Activation in DBA/2J versus C57BL/6J Mice Is Not Predicted by Presynaptic Striatal Dopamine Dynamics. <i>PLoS ONE</i> , 2013, 8, e83852.	1.1	25

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91	Neuroadaptations in D2-like autoreceptor function following AMPH self-administration. <i>FASEB Journal</i> , 2013, 27, 1095-110.	0.2	0
92	Cocaine Self-Administration Produces Pharmacodynamic Tolerance: Differential Effects on the Potency of Dopamine Transporter Blockers, Releasers, and Methylphenidate. <i>Neuropsychopharmacology</i> , 2012, 37, 1708-1716.	2.8	68
93	Conserved dorsal-ventral gradient of dopamine release and uptake rate in mice, rats and rhesus macaques. <i>Neurochemistry International</i> , 2012, 61, 986-991.	1.9	55
94	Hypocretin/orexin regulation of dopamine signaling: implications for reward and reinforcement mechanisms. <i>Frontiers in Behavioral Neuroscience</i> , 2012, 6, 54.	1.0	60
95	Abstract 3575: Angiotensin-(1-7) and temozolomide provide combinatorial inhibition of glioblastoma cell growth. , 2010, , .		0