

Camilla Bellone

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

5,682
citations

159525

30
h-index

175177

52
g-index

63
all docs

63
docs citations

63
times ranked

7987
citing authors

#	ARTICLE	IF	CITATIONS
1	Inhibition of Trpv4 rescues circuit and social deficits unmasked by acute inflammatory response in a Shank3 mouse model of Autism. <i>Molecular Psychiatry</i> , 2022, 27, 2080-2094.	4.1	20
2	Superior Colliculus to VTA pathway controls orienting response and influences social interaction in mice. <i>Nature Communications</i> , 2022, 13, 817.	5.8	19
3	VTA dopamine neuron activity encodes social interaction and promotes reinforcement learning through social prediction error. <i>Nature Neuroscience</i> , 2022, 25, 86-97.	7.1	63
4	Downregulation of the schizophrenia risk gene <i>Dgcr2</i> alters early microcircuit development in the mouse medial prefrontal cortex. <i>International Journal of Developmental Neuroscience</i> , 2022, , .	0.7	2
5	Oxytocin neurons mediate the effect of social isolation via the VTA circuits. <i>ELife</i> , 2022, 11, .	2.8	17
6	Drug-Evoked Synaptic Plasticity of Excitatory Transmission in the Ventral Tegmental Area. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2021, 11, a039701.	2.9	13
7	Deconstructing the contribution of sensory cues in social approach. <i>European Journal of Neuroscience</i> , 2021, 53, 3199-3211.	1.2	19
8	Bugs R Us: Restoring sociability with microbiota in autism. <i>Cell Reports Medicine</i> , 2021, 2, 100256.	3.3	1
9	RAB39B-mediated trafficking of the GluA2-AMPA subunit controls dendritic spine maturation and intellectual disability-related behaviour. <i>Molecular Psychiatry</i> , 2021, 26, 6531-6549.	4.1	10
10	Temporal controls over inter-areal cortical projection neuron fate diversity. <i>Nature</i> , 2021, 599, 453-457.	13.7	37
11	Revealing animal emotions. <i>Science</i> , 2020, 368, 33-34.	6.0	3
12	Deficit in Motor Skill Consolidation-Dependent Synaptic Plasticity at Motor Cortex to Dorsolateral Striatum Synapses in a Mouse Model of Huntington's Disease. <i>ENeuro</i> , 2020, 7, ENEURO.0297-19.2020.	0.9	9
13	Linking NMDA Receptor Synaptic Retention to Synaptic Plasticity and Cognition. <i>IScience</i> , 2019, 19, 927-939.	1.9	31
14	Morphine withdrawal recruits lateral habenula cytokine signaling to reduce synaptic excitation and sociability. <i>Nature Neuroscience</i> , 2019, 22, 1053-1056.	7.1	71
15	SHANK3 Downregulation in the Ventral Tegmental Area Accelerates the Extinction of Contextual Associations Induced by Juvenile Non-familiar Conspecific Interaction. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 360.	1.4	21
16	Targeting VGLUT2 in Mature Dopamine Neurons Decreases Mesoaccumbal Glutamatergic Transmission and Identifies a Role for Glutamate Co-release in Synaptic Plasticity by Increasing Baseline AMPA/NMDA Ratio. <i>Frontiers in Neural Circuits</i> , 2018, 12, 64.	1.4	32
17	Neurons under T Cell Attack Coordinate Phagocyte-Mediated Synaptic Stripping. <i>Cell</i> , 2018, 175, 458-471.e19.	13.5	136
18	Progenitor Hyperpolarization Regulates the Sequential Generation of Neuronal Subtypes in the Developing Neocortex. <i>Cell</i> , 2018, 174, 1264-1276.e15.	13.5	118

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19	Role of VTA dopamine neurons and neuroligin 3 in sociability traits related to nonfamiliar conspecific interaction. <i>Nature Communications</i> , 2018, 9, 3173.	5.8	119
20	What does cannabis do to the brain before birth?. <i>ELife</i> , 2018, 7, .	2.8	1
21	VTA DA neuron excitatory synapses in Shank3 ^{fl} mouse line. <i>Synapse</i> , 2017, 71, e21955.	0.6	21
22	Input-dependent regulation of excitability controls dendritic maturation in somatosensory thalamocortical neurons. <i>Nature Communications</i> , 2017, 8, 2015.	5.8	30
23	Ventral tegmental area subcircuits process rewarding and aversive experiences. <i>Journal of Neurochemistry</i> , 2016, 139, 1071-1080.	2.1	35
24	Cocaine Exposure Enhances the Activity of Ventral Tegmental Area Dopamine Neurons via Calcium-Impermeable NMDARs. <i>Journal of Neuroscience</i> , 2016, 36, 10759-10768.	1.7	41
25	SHANK3 controls maturation of social reward circuits in the VTA. <i>Nature Neuroscience</i> , 2016, 19, 926-934.	7.1	146
26	Modulation of the glutamatergic transmission by Dopamine: a focus on Parkinson, Huntington and Addiction diseases. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 25.	1.8	88
27	Firing Modes of Dopamine Neurons Drive Bidirectional GIRK Channel Plasticity. <i>Journal of Neuroscience</i> , 2014, 34, 5107-5114.	1.7	33
28	GluN3A Promotes Dendritic Spine Pruning and Destabilization during Postnatal Development. <i>Journal of Neuroscience</i> , 2014, 34, 9213-9221.	1.7	40
29	Synaptic basis of social dysfunction: a focus on postsynaptic proteins linking group I mGluRs with AMPARs and NMDARs. <i>European Journal of Neuroscience</i> , 2014, 39, 1114-1129.	1.2	34
30	Retinal Input Directs the Recruitment of Inhibitory Interneurons into Thalamic Visual Circuits. <i>Neuron</i> , 2014, 81, 1057-1069.	3.8	63
31	Modality-specific thalamocortical inputs instruct the identity of postsynaptic L4 neurons. <i>Nature</i> , 2014, 511, 471-474.	13.7	116
32	Glutamatergic receptors at developing synapses: The role of GluN3A-containing NMDA receptors and GluA2-lacking AMPA receptors. <i>European Journal of Pharmacology</i> , 2013, 719, 107-111.	1.7	36
33	Expression of Cocaine-Evoked Synaptic Plasticity by GluN3A-Containing NMDA Receptors. <i>Neuron</i> , 2013, 80, 1025-1038.	3.8	97
34	In vivo reprogramming of circuit connectivity in postmitotic neocortical neurons. <i>Nature Neuroscience</i> , 2013, 16, 193-200.	7.1	167
35	NMDA receptor subunit diversity: impact on receptor properties, synaptic plasticity and disease. <i>Nature Reviews Neuroscience</i> , 2013, 14, 383-400.	4.9	1,928
36	mGluR-Dependent Synaptic Plasticity in Drug-Seeking. <i>Frontiers in Pharmacology</i> , 2012, 3, 159.	1.6	10

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37	Drug-evoked plasticity: do addictive drugs reopen a critical period of postnatal synaptic development?. <i>Frontiers in Molecular Neuroscience</i> , 2012, 5, 75.	1.4	22
38	Cocaine inverts rules for synaptic plasticity of glutamate transmission in the ventral tegmental area. <i>Nature Neuroscience</i> , 2011, 14, 414-416.	7.1	152
39	In utero exposure to cocaine delays postnatal synaptic maturation of glutamatergic transmission in the VTA. <i>Nature Neuroscience</i> , 2011, 14, 1439-1446.	7.1	70
40	Drug-Driven AMPA Receptor Redistribution Mimicked by Selective Dopamine Neuron Stimulation. <i>PLoS ONE</i> , 2010, 5, e15870.	1.1	98
41	Mechanisms of synaptic depression triggered by metabotropic glutamate receptors. <i>Cellular and Molecular Life Sciences</i> , 2008, 65, 2913-2923.	2.4	126
42	Cocaine-evoked synaptic plasticity: a key to addiction?. <i>Nature Neuroscience</i> , 2008, 11, 737-738.	7.1	41
43	AMPA receptors and stargazin-like transmembrane AMPA receptor-regulatory proteins mediate hippocampal kainate neurotoxicity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 18784-18788.	3.3	47
44	Rapid Bidirectional Switching of Synaptic NMDA Receptors. <i>Neuron</i> , 2007, 55, 779-785.	3.8	280
45	Cocaine triggered AMPA receptor redistribution is reversed in vivo by mGluR-dependent long-term depression. <i>Nature Neuroscience</i> , 2006, 9, 636-641.	7.1	638
46	mGluRs induce a long-term depression in the ventral tegmental area that involves a switch of the subunit composition of AMPA receptors. <i>European Journal of Neuroscience</i> , 2005, 21, 1280-1288.	1.2	107
47	Amyloid precursor protein metabolism is regulated toward alpha-secretase pathway by Ginkgo biloba extracts. <i>Neurobiology of Disease</i> , 2004, 16, 454-460.	2.1	103
48	CaMKII-dependent Phosphorylation Regulates SAP97/NR2A Interaction. <i>Journal of Biological Chemistry</i> , 2003, 278, 44745-44752.	1.6	95
49	Effects of streptozotocin-diabetes on the hippocampal NMDA receptor complex in rats. <i>Journal of Neurochemistry</i> , 2002, 80, 438-447.	2.1	112
50	Lack of PSD-95 drives hippocampal neuronal cell death through activation of an $\hat{I}\pm$ CaMKII transduction pathway. <i>European Journal of Neuroscience</i> , 2002, 16, 777-786.	1.2	42
51	Protein Kinase C Activation Modulates $\hat{I}\pm$ -Calmodulin Kinase II Binding to NR2A Subunit of N-Methyl-D-Aspartate Receptor Complex. <i>Journal of Biological Chemistry</i> , 2001, 276, 7609-7613.	1.6	98