Camilla Bellone

List of Publications by Year
in descending order

51	5,682	159358	174990
papers	citations	30 h-index	52 g-index

63	63	63	7987
all docs	docs citations	times ranked	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. Molecular Psychiatry, 2022, 27, 2080-2094.	4.1	20
2	Superior Colliculus to VTA pathway controls orienting response and influences social interaction in mice. Nature Communications, 2022, 13, 817.	5.8	19
3	VTA dopamine neuron activity encodes social interaction and promotes reinforcement learning through social prediction error. Nature Neuroscience, 2022, 25, 86-97.	7.1	63
4	Downregulation of the schizophrenia riskâ€gene Dgcr2 alters early microcircuit development in the mouse medial prefrontal cortex. International Journal of Developmental Neuroscience, 2022, , .	0.7	2
5	Oxytocin neurons mediate the effect of social isolation via the VTA circuits. ELife, 2022, 11, .	2.8	17
6	Drug-Evoked Synaptic Plasticity of Excitatory Transmission in the Ventral Tegmental Area. Cold Spring Harbor Perspectives in Medicine, 2021, 11, a039701.	2.9	13
7	Deconstructing the contribution of sensory cues in social approach. European Journal of Neuroscience, 2021, 53, 3199-3211.	1.2	19
8	Bugs R Us: Restoring sociability with microbiota in autism. Cell Reports Medicine, 2021, 2, 100256.	3.3	1
9	RAB39B-mediated trafficking of the GluA2-AMPAR subunit controls dendritic spine maturation and intellectual disability-related behaviour. Molecular Psychiatry, 2021, 26, 6531-6549.	4.1	10
10	Temporal controls over inter-areal cortical projection neuron fate diversity. Nature, 2021, 599, 453-457.	13.7	37
11	Revealing animal emotions. Science, 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 Huntingtonâ€™s Disease. ENeuro, 2020, 7, ENEURO.0297-19.2020.	0.9	9
13	Linking NMDA Receptor Synaptic Retention to Synaptic Plasticity and Cognition. IScience, 2019, 19, 927-939.	1.9	31
14	Morphine withdrawal recruits lateral habenula cytokine signaling to reduce synaptic excitation and sociability. Nature Neuroscience, 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. Frontiers in Molecular Neuroscience, 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. Frontiers in Neural Circuits, 2018, 12, 64.	1.4	32
17	Neurons under T Cell Attack Coordinate Phagocyte-Mediated Synaptic Stripping. Cell, 2018, 175, 458-471.e19.	13.5	136
18	Progenitor Hyperpolarization Regulates the Sequential Generation of Neuronal Subtypes in the Developing Neocortex. Cell, 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. Nature Communications, 2018, 9, 3173.	5.8	119
20	What does cannabis do to the brain before birth?. ELife, 2018, 7, .	2.8	1
21	VTA DA neuron excitatory synapses in Shank3 Î”ex^{4â€“9} mouse line. Synapse, 2017, 71, e21955.	0.6	21
22	Input-dependent regulation of excitability controls dendritic maturation in somatosensory thalamocortical neurons. Nature Communications, 2017, 8, 2015.	5.8	30
23	Ventral tegmental area subcircuits process rewarding and aversive experiences. Journal of Neurochemistry, 2016, 139, 1071-1080.	2.1	35
24	Cocaine Exposure Enhances the Activity of Ventral Tegmental Area Dopamine Neurons via Calcium-Impermeable NMDARs. Journal of Neuroscience, 2016, 36, 10759-10768.	1.7	41
25	SHANK3 controls maturation of social reward circuits in the VTA. Nature Neuroscience, 2016, 19, 926-934.	7.1	146
26	Modulation of the glutamatergic transmission by Dopamine: a focus on Parkinson, Huntington and Addiction diseases. Frontiers in Cellular Neuroscience, 2015, 9, 25.	1.8	88
27	Firing Modes of Dopamine Neurons Drive Bidirectional GIRK Channel Plasticity. Journal of Neuroscience, 2014, 34, 5107-5114.	1.7	33
28	GluN3A Promotes Dendritic Spine Pruning and Destabilization during Postnatal Development. Journal of Neuroscience, 2014, 34, 9213-9221.	1.7	40
29	Synaptic basis of social dysfunction: a focus on postsynaptic proteins linking groupâ€<scp>I</scp> m<scp>G</scp>lu<scp>R</scp>s with <scp>AMPAR</scp>s and <scp>NMDAR</scp>s. European Journal of Neuroscience, 2014, 39, 1114-1129.	1.2	34
30	Retinal Input Directs the Recruitment of Inhibitory Interneurons into Thalamic Visual Circuits. Neuron, 2014, 81, 1057-1069.	3.8	63
31	Modality-specific thalamocortical inputs instruct the identity of postsynaptic L4 neurons. Nature, 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. European Journal of Pharmacology, 2013, 719, 107-111.	1.7	36
33	Expression of Cocaine-Evoked Synaptic Plasticity by GluN3A-Containing NMDA Receptors. Neuron, 2013, 80, 1025-1038.	3.8	97
34	In vivo reprogramming of circuit connectivity in postmitotic neocortical neurons. Nature Neuroscience, 2013, 16, 193-200.	7.1	167
35	NMDA receptor subunit diversity: impact on receptor properties, synaptic plasticity and disease. Nature Reviews Neuroscience, 2013, 14, 383-400.	4.9	1,928
36	mGluR-Dependent Synaptic Plasticity in Drug-Seeking. Frontiers in Pharmacology, 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?. Frontiers in Molecular Neuroscience, 2012, 5, 75.	1.4	22
38	Cocaine inverts rules for synaptic plasticity of glutamate transmission in the ventral tegmental area. Nature Neuroscience, 2011, 14, 414-416.	7.1	152
39	In utero exposure to cocaine delays postnatal synaptic maturation of glutamatergic transmission in the VTA. Nature Neuroscience, 2011, 14, 1439-1446.	7.1	70
40	Drug-Driven AMPA Receptor Redistribution Mimicked by Selective Dopamine Neuron Stimulation. PLoS ONE, 2010, 5, e15870.	1.1	98
41	Mechanisms of synaptic depression triggered by metabotropic glutamate receptors. Cellular and Molecular Life Sciences, 2008, 65, 2913-2923.	2.4	126
42	Cocaine-evoked synaptic plasticity: a key to addiction?. Nature Neuroscience, 2008, 11, 737-738.	7.1	41
43	AMPA receptors and stargazin-like transmembrane AMPA receptor-regulatory proteins mediate hippocampal kainate neurotoxicity. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 18784-18788.	3.3	47
44	Rapid Bidirectional Switching of Synaptic NMDA Receptors. Neuron, 2007, 55, 779-785.	3.8	280
45	Cocaine triggered AMPA receptor redistribution is reversed in vivo by mGluR-dependent long-term depression. Nature Neuroscience, 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. European Journal of Neuroscience, 2005, 21, 1280-1288.	1.2	107
47	Amyloid precursor protein metabolism is regulated toward alpha-secretase pathway by Ginkgo biloba extracts. Neurobiology of Disease, 2004, 16, 454-460.	2.1	103
48	CaMKII-dependent Phosphorylation Regulates SAP97/NR2A Interaction. Journal of Biological Chemistry, 2003, 278, 44745-44752.	1.6	95
49	Effects of streptozotocin-diabetes on the hippocampal NMDA receptor complex in rats. Journal of Neurochemistry, 2002, 80, 438-447.	2.1	112
50	Lack of PSD-95 drives hippocampal neuronal cell death through activation of an Î±CaMKII transduction pathway. European Journal of Neuroscience, 2002, 16, 777-786.	1.2	42
51	Protein Kinase C Activation Modulates Î±-Calmodulin Kinase II Binding to NR2A Subunit of N-Methyl-D-Aspartate Receptor Complex. Journal of Biological Chemistry, 2001, 276, 7609-7613.	1.6	98