Bita Moghaddam

List of Publications by Year
in descending order

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40	3,694	236925	289244
papers	citations	25 h-index	40 g-index

47	47	47	4953
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	From Revolution to Evolution: The Glutamate Hypothesis of Schizophrenia and its Implication for Treatment. Neuropsychopharmacology, 2012, 37, 4-15.	5.4	829
2	Bringing Order to the Glutamate Chaos in Schizophrenia. Neuron, 2003, 40, 881-884.	8.1	380
3	Corticolimbic Dopamine Neurotransmission Is Temporally Dissociated from the Cognitive and Locomotor Effects of Phencyclidine. Journal of Neuroscience, 1998, 18, 5545-5554.	3.6	316
4	Neurobiological links between stress and anxiety. Neurobiology of Stress, 2019, 11, 100191.	4.0	223
5	Capturing the Angel in "Angel Dust": Twenty Years of Translational Neuroscience Studies of NMDA Receptor Antagonists in Animals and Humans. Schizophrenia Bulletin, 2012, 38, 942-949.	4.3	204
6	Targeting metabotropic glutamate receptors for treatment of the cognitive symptoms of schizophrenia. Psychopharmacology, 2004, 174, 39-44.	3.1	166
7	Impact of anxiety on prefrontal cortex encoding of cognitive flexibility. Neuroscience, 2017, 345, 193-202.	2.3	158
8	Rule Learning and Reward Contingency Are Associated with Dissociable Patterns of Dopamine Activation in the Rat Prefrontal Cortex, Nucleus Accumbens, and Dorsal Striatum. Journal of Neuroscience, 2006, 26, 8810-8818.	3.6	149
9	Glutamatergic Animal Models of Schizophrenia. Annals of the New York Academy of Sciences, 2003, 1003, 131-137.	3.8	131
10	Disruption of Prefrontal Cortex Large Scale Neuronal Activity by Different Classes of Psychotomimetic Drugs. Journal of Neuroscience, 2012, 32, 3022-3031.	3.6	129
11	The critical importance of basic animal research for neuropsychiatric disorders. Neuropsychopharmacology, 2019, 44, 1349-1353.	5.4	106
12	Divergent Plasticity of Prefrontal Cortex Networks. Neuropsychopharmacology, 2008, 33, 42-55.	5.4	89
13	Dopamine Modulation of Prefrontal Cortex Activity Is Manifold and Operates at Multiple Temporal and Spatial Scales. Cell Reports, 2019, 27, 99-114.e6.	6.4	65
14	Anxiety Evokes Hypofrontality and Disrupts Rule-Relevant Encoding by Dorsomedial Prefrontal Cortex Neurons. Journal of Neuroscience, 2016, 36, 3322-3335.	3.6	61
15	Coordinated Activity of Ventral Tegmental Neurons Adapts to Appetitive and Aversive Learning. PLoS ONE, 2012, 7, e29766.	2.5	51
16	Distinct patterns of plasticity in prefrontal cortex neurons that encode slow and fast responses to stress. European Journal of Neuroscience, 2006, 24, 1702-1710.	2.6	49
17	Neural processing of reward in adolescent rodents. Developmental Cognitive Neuroscience, 2015, 11, 145-154.	4.0	47
18	Action-outcome relationships are represented differently by medial prefrontal and orbitofrontal cortex neurons during action execution. Journal of Neurophysiology, 2015, 114, 3374-3385.	1.8	44

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19	Adaptive Encoding of Outcome Prediction by Prefrontal Cortex Ensembles Supports Behavioral Flexibility. Journal of Neuroscience, 2017, 37, 8363-8373.	3.6	44
20	Sex differences in reward- and punishment-guided actions. Cognitive, Affective and Behavioral Neuroscience, 2019, 19, 1404-1417.	2.0	44
21	Differential representation of Pavlovianâ€“instrumental transfer by prefrontal cortex subregions and striatum. European Journal of Neuroscience, 2009, 29, 1461-1476.	2.6	41
22	Distinct prestimulus and poststimulus activation of VTA neurons correlates with stimulus detection. Journal of Neurophysiology, 2013, 110, 75-85.	1.8	41
23	Risk of punishment influences discrete and coordinated encoding of reward-guided actions by prefrontal cortex and VTA neurons. ELife, 2017, 6, .	6.0	41
24	Burst activation of dopamine neurons produces prolonged post-burst availability of actively released dopamine. Neuropsychopharmacology, 2018, 43, 2083-2092.	5.4	36
25	A Mechanistic Approach to Preventing Schizophrenia in At-Risk Individuals. Neuron, 2013, 78, 1-3.	8.1	33
26	Prefrontal Cortex Representation of Learning of Punishment Probability During Reward-Motivated Actions. Journal of Neuroscience, 2020, 40, 5063-5077.	3.6	24
27	Medial prefrontal cortex encoding of stress and anxiety. International Review of Neurobiology, 2021, 158, 29-55.	2.0	24
28	Reward Anticipation Is Encoded Differently by Adolescent Ventral Tegmental Area Neurons. Biological Psychiatry, 2016, 79, 878-886.	1.3	22
29	Sex and strain differences in dynamic and static properties of the mesolimbic dopamine system. Neuropsychopharmacology, 2020, 45, 2079-2086.	5.4	22
30	Repeated Nicotine Strengthens Gamma Oscillations in the Prefrontal Cortex and Improves Visual Attention. Neuropsychopharmacology, 2017, 42, 1590-1598.	5.4	19
31	Networks of VTA Neurons Encode Real-Time Information about Uncertain Numbers of Actions Executed to Earn a Reward. Frontiers in Behavioral Neuroscience, 2017, 11, 140.	2.0	16
32	Increased Goal Tracking in Adolescent Rats Is Goal-Directed and Not Habit-Like. Frontiers in Behavioral Neuroscience, 2020, 13, 291.	2.0	14
33	Unanticipated Stressful and Rewarding Experiences Engage the Same Prefrontal Cortex and Ventral Tegmental Area Neuronal Populations. ENeuro, 2020, 7, ENEURO.0029-20.2020.	1.9	14
34	Teamwork Matters. JAMA Psychiatry, 2014, 71, 197.	11.0	12
35	Women at the Podium: ACNP Strives to Reach Speaker Gender Equality at the Annual Meeting. Neuropsychopharmacology, 2016, 41, 929-931.	5.4	10
36	Dopamine in the Thalamus: A Hotbed for Psychosis?. Biological Psychiatry, 2010, 68, 3-4.	1.3	7

#	Article	IF	Citations
37	Methylphenidate has nonlinear dose effects on cued response inhibition in adults but not adolescents. Brain Research, 2017, 1654, 171-176.	2.2	7
38	Adolescent Dopamine Neurons Represent Reward Differently during Action and State Guided Learning. Journal of Neuroscience, 2021, 41, 9419-9430.	3.6	7
39	The Complicated Relationship of Stress and Prefrontal Cortex. Biological Psychiatry, 2016, 80, 728-729.	1.3	5
40	Depression and Prefrontal Cortex: All Roads Lead to Dopamine. Biological Psychiatry, 2022, 91, 773-774.	1.3	3