

# Andrei I Molosh

## List of Publications by Year in descending order

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Version: 2024-02-01

35  
papers

1,240  
citations

567281

15  
h-index

501196

28  
g-index

36  
all docs

36  
docs citations

36  
times ranked

1870  
citing authors

#	ARTICLE	IF	CITATIONS
1	Generation of inner ear sensory epithelia from pluripotent stem cells in 3D culture. <i>Nature</i> , 2013, 500, 217-221.	27.8	369
2	Orexin, stress, and anxiety/panic states. <i>Progress in Brain Research</i> , 2012, 198, 133-161.	1.4	178
3	Social learning and amygdala disruptions in Nf1 mice are rescued by blocking p21-activated kinase. <i>Nature Neuroscience</i> , 2014, 17, 1583-1590.	14.8	106
4	Orexin-A induces anxiety-like behavior through interactions with glutamatergic receptors in the bed nucleus of the stria terminalis of rats. <i>Physiology and Behavior</i> , 2012, 107, 726-732.	2.1	98
5	Neuroprotection against Traumatic Brain Injury by a Peptide Derived from the Collapsin Response Mediator Protein 2 (CRMP2). <i>Journal of Biological Chemistry</i> , 2011, 286, 37778-37792.	3.4	78
6	Dopamine D1 receptors co-distribute with N-methyl-d-aspartic acid type-1 subunits and modulate synaptically-evoked N-methyl-d-aspartic acid currents in rat basolateral amygdala. <i>Neuroscience</i> , 2006, 142, 671-690.	2.3	51
7	NPY Y1 Receptors Differentially Modulate GABAA and NMDA Receptors via Divergent Signal-Transduction Pathways to Reduce Excitability of Amygdala Neurons. <i>Neuropsychopharmacology</i> , 2013, 38, 1352-1364.	5.4	49
8	Pharmacological depletion of serotonin in the basolateral amygdala complex reduces anxiety and disrupts fear conditioning. <i>Pharmacology Biochemistry and Behavior</i> , 2015, 138, 174-179.	2.9	48
9	Orexin Depolarizes Central Amygdala Neurons via Orexin Receptor 1, Phospholipase C and Sodium-Calcium Exchanger and Modulates Conditioned Fear. <i>Frontiers in Neuroscience</i> , 2018, 12, 934.	2.8	34
10	Changes in Central Sodium and not Osmolarity or Lactate Induce Panic-Like Responses in a Model of Panic Disorder. <i>Neuropsychopharmacology</i> , 2010, 35, 1333-1347.	5.4	29
11	Endothelin-1 exerts a preconditioning-like cardioprotective effect against ischaemia/reperfusion injury via the ETA receptor and the mitochondrial KATP channel in the rat in vivo. <i>British Journal of Pharmacology</i> , 2005, 144, 331-337.	5.4	28
12	Effects of preconditioning on myocardial interstitial levels of ATP and its catabolites during regional ischemia and reperfusion in the rat. <i>Basic Research in Cardiology</i> , 2000, 95, 127-136.	5.9	24
13	PSD95 and nNOS interaction as a novel molecular target to modulate conditioned fear: relevance to PTSD. <i>Translational Psychiatry</i> , 2018, 8, 155.	4.8	22
14	The small molecule GAT1508 activates brain-specific GIRK1/2 channel heteromers and facilitates conditioned fear extinction in rodents. <i>Journal of Biological Chemistry</i> , 2020, 295, 3614-3634.	3.4	20
15	Assessment of fear and anxiety associated behaviors, physiology and neural circuits in rats with reduced serotonin transporter (SERT) levels. <i>Translational Psychiatry</i> , 2019, 9, 33.	4.8	17
16	Neurofibromatosis type 1 as a model system to study molecular mechanisms of autism spectrum disorder symptoms. <i>Progress in Brain Research</i> , 2018, 241, 37-62.	1.4	14
17	Role of medial hypothalamic orexin system in panic, phobia and hypertension. <i>Brain Research</i> , 2020, 1731, 145942.	2.2	14
18	Hypothalamic orexin's role in exacerbated cutaneous vasodilation responses to an anxiogenic stimulus in a surgical menopause model. <i>Psychoneuroendocrinology</i> , 2016, 65, 127-137.	2.7	12

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19	The Rewarding and Anxiolytic Properties of Ethanol within the Central Nucleus of the Amygdala: Mediated by Genetic Background and Nociceptin. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2020, 374, 366-375.	2.5	10
20	Panic results in unique molecular and network changes in the amygdala that facilitate fear responses. <i>Molecular Psychiatry</i> , 2020, 25, 442-460.	7.9	9
21	Using loss- and gain-of-function approaches to target amygdala-projecting serotonergic neurons in the dorsal raphe nucleus that enhance anxiety-related and conditioned fear behaviors. <i>Journal of Psychopharmacology</i> , 2020, 34, 400-411.	4.0	7
22	Intestinal Gpr17 deficiency improves glucose metabolism by promoting GLP-1 secretion. <i>Cell Reports</i> , 2022, 38, 110179.	6.4	5
23	CNO Administration Increases Dopamine and Glutamate in the Medial Prefrontal Cortex of Wistar Rats: Further Concerns for the Validity of the CNO-activated DREADD Procedure. <i>Neuroscience</i> , 2022, , .	2.3	5
24	Corrigendum to "Hypothalamic orexin's role in exacerbated cutaneous vasodilation responses to an anxiogenic stimulus in a surgical menopause model" [ <i>Psychoneuroendocrinology</i> 65 (2016) 127-137]. <i>Psychoneuroendocrinology</i> , 2016, 73, 275.	2.7	4
25	Atrial natriuretic peptide (ANP): A novel mechanism for reducing ethanol consumption and seeking behaviors in female alcohol preferring (P) rats. <i>Peptides</i> , 2020, 134, 170403.	2.4	4
26	Increase in plasma ACTH induced by urethane is not a consequence of hyperosmolality. <i>Neuroscience Letters</i> , 2010, 479, 10-12.	2.1	2
27	From bedside to bench and back: Translating ASD models. <i>Progress in Brain Research</i> , 2018, 241, 113-158.	1.4	2
28	77822 PSD95-nNOS interaction alters the basolateral amygdala transcriptome following fear conditioning: implications for molecular mechanisms underlying PTSD. <i>Journal of Clinical and Translational Science</i> , 2021, 5, 23-23.	0.6	1
29	75. Evaluation of Selective Orexin Receptor Antagonists in Preclinical Models of Panic Attack Provocation. <i>Biological Psychiatry</i> , 2019, 85, S31.	1.3	0
30	74. Mechanisms of Agoraphobia: Contribution of Orexin and mGluR2 Signaling in the Amygdala. <i>Biological Psychiatry</i> , 2019, 85, S30-S31.	1.3	0
31	73. Using Opto-Chemogenetics to Assess the Role of Orexin/Glutamate Hypothalamic System in Panic/Phobia and to Identify Panic/Phobia Off/On Inputs. <i>Biological Psychiatry</i> , 2019, 85, S30.	1.3	0
32	F10. Cue-Induced Conditioned Fear Learning Requires Orexin Receptor 1 Signaling in the Central Amygdala. <i>Biological Psychiatry</i> , 2019, 85, S216-S217.	1.3	0
33	S38. Dissecting the Functional Heterogeneity of Serotonergic Systems That Regulate Fear and Panic. <i>Biological Psychiatry</i> , 2019, 85, S311.	1.3	0
34	Role of PSD95 and nNOS Interaction in Gene Regulation following Fear Conditioning and Implications for Molecular Mechanisms Underlying Post-Traumatic Stress Disorder. <i>Biological Psychiatry</i> , 2020, 87, S334.	1.3	0
35	4335 Role of PSD95 and nNOS interaction in gene regulation following fear conditioning and implications for molecular mechanisms underlying PTSD. <i>Journal of Clinical and Translational Science</i> , 2020, 4, 15-16.	0.6	0