Polymnia Georgiou

List of Publications by Year in descending order

37 papers	3,242 citations	304368 22 h-index	344852 36 g-index
39 all docs	39 docs citations	39 times ranked	3927 citing authors

#	Article	IF	Citations
1	Negative Allosteric Modulation of Gamma-Aminobutyric Acid A Receptors at Î±5 Subunitâ€“Containing Benzodiazepine Sites Reverses Stress-Induced Anhedonia and Weakened Synaptic Function in Mice. Biological Psychiatry, 2022, 92, 216-226.	0.7	14
2	Hydroxynorketamines: Pharmacology and Potential Therapeutic Applications. Pharmacological Reviews, 2021, 73, 763-791.	7.1	54
3	Post-weaning A1/A2 Î²-casein milk intake modulates depressive-like behavior, brain Î¼-opioid receptors, and the metabolome of rats. IScience, 2021, 24, 103048.	1.9	8
4	Classical conditioning of antidepressant placebo effects in mice. Psychopharmacology, 2020, 237, 93-102.	1.5	7
5	Sex-Specific Involvement of Estrogen Receptors in Behavioral Responses to Stress and Psychomotor Activation. Frontiers in Psychiatry, 2019, 10, 81.	1.3	17
6	(2R,6R)-hydroxynorketamine exerts mGlu ₂ receptor-dependent antidepressant actions. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 6441-6450.	3.3	112
7	Group II metabotropic glutamate receptor blockade promotes stress resilience in mice. Neuropsychopharmacology, 2019, 44, 1788-1796.	2.8	45
8	(R)â€Ketamine exerts antidepressant actions partly via conversion to (2R,6R)â€hydroxynorketamine, while causing adverse effects at subâ€anaesthetic doses. British Journal of Pharmacology, 2019, 176, 2573-2592.	2.7	61
9	Chronic nicotine administration restores brain region specific upregulation of oxytocin receptor binding levels in a G72 mouse model of schizophrenia. European Journal of Neuroscience, 2019, 50, 2255-2263.	1.2	6
10	Inhibition of alpha7 nicotinic receptors in the ventral hippocampus selectively attenuates reinstatement of morphineâ€conditioned place preference and associated changes in AMPA receptor binding. Addiction Biology, 2019, 24, 590-603.	1.4	28
11	Methamphetamine withdrawal induces activation of CRF neurons in the brain stress system in parallel with an increased activity of cardiac sympathetic pathways. Naunyn-Schmiedeberg's Archives of Pharmacology, 2018, 391, 423-434.	1.4	11
12	Glutamatergic Ventral Pallidal Neurons Modulate Activity of the Habenulaâ€“Tegmental Circuitry and Constrain Reward Seeking. Biological Psychiatry, 2018, 83, 1012-1023.	0.7	113
13	Wheel running during chronic nicotine exposure is protective against mecamylamineâ€precipitated withdrawal and upâ€regulates hippocampal Î±7 nACh receptors in mice. British Journal of Pharmacology, 2018, 175, 1928-1943.	2.7	10
14	F102. Human Experimenter Sex Modulates Mouse Behavioral Responses to Stress and to the Antidepressant Ketamine. Biological Psychiatry, 2018, 83, S277.	0.7	6
15	Oxytocin and opioid addiction revisited: old drug, new applications. British Journal of Pharmacology, 2018, 175, 2809-2824.	2.7	42
16	T89. Group II Metabotropic Glutamate Receptor Blockade Promotes Stress Resilience. Biological Psychiatry, 2018, 83, S163.	0.7	0
17	Ketamine and Ketamine Metabolite Pharmacology: Insights into Therapeutic Mechanisms. Pharmacological Reviews, 2018, 70, 621-660.	7.1	723
18	Environmental enrichment enhances conditioned place preference to ethanol via an oxytocinergic-dependent mechanism in male mice. Neuropharmacology, 2018, 138, 267-274.	2.0	38

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19	7B2 chaperone knockout in APP model mice results in reduced plaque burden. Scientific Reports, 2018, 8, 9813.	1.6	3
20	Dopamine and Stress System Modulation of Sex Differences in Decision Making. Neuropsychopharmacology, 2018, 43, 313-324.	2.8	53
21	Animal models to improve our understanding and treatment of suicidal behavior. Translational Psychiatry, 2017, 7, e1092-e1092.	2.4	61
22	Transient anhedonia phenotype and altered circadian timing of behaviour during night-time dim light exposure in Per3â^'/â^' mice, but not wildtype mice. Scientific Reports, 2017, 7, 40399.	1.6	18
23	790. Ketamine Exerts NMDAR Inhibition-Independent Antidepressant Actions via Its Hydroxynorketamine Metabolites. Biological Psychiatry, 2017, 81, S321.	0.7	1
24	Zanos et al. reply. Nature, 2017, 546, E4-E5.	13.7	29
25	Seasonality of blood neopterin levels in the Old Order Amish. Pteridines, 2017, 28, 163-176.	0.5	3
26	A Negative Allosteric Modulator for Î±5 Subunit-Containing GABA Receptors Exerts a Rapid and Persistent Antidepressant-Like Action without the Side Effects of the NMDA Receptor Antagonist Ketamine in Mice. ENeuro, 2017, 4, ENEURO.0285-16.2017.	0.9	88
27	NMDAR inhibition-independent antidepressant actions of ketamine metabolites. Nature, 2016, 533, 481-486.	13.7	1,246
28	Cocaine abstinence induces emotional impairment and brain regionâ€specific upregulation of the oxytocin receptor binding. European Journal of Neuroscience, 2016, 44, 2446-2454.	1.2	30
29	Motor neuron disease, TDP-43 pathology, and memory deficits in mice expressing ALSâ€"FTD-linked UBQLN2 mutations. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E7580-E7589.	3.3	77
30	A critical role of striatal A_{2A}R-mGlu₅R interactions in modulating the psychomotor and drug-seeking effects of methamphetamine. Addiction Biology, 2016, 21, 811-825.	1.4	23
31	Methamphetamine abstinence induces changes in Î¼-opioid receptor, oxytocin and CRF systems: Association with an anxiogenic phenotype. Neuropharmacology, 2016, 105, 520-532.	2.0	44
32	Emotional Impairment and Persistent Upregulation of mGlu₅Receptor following Morphine Abstinence: Implications of an mGlu₅-MOPr Interaction. International Journal of Neuropsychopharmacology, 2016, 19, pyw011.	1.0	15
33	Differential regulation of <scp>mGlu₅R</scp> and <scp>ÎœOPr</scp> by primingâ€and cueâ€induced reinstatement of cocaineâ€seeking behaviour in mice. Addiction Biology, 2015, 20, 902-912.	1.4	31
34	The oxytocin analogue carbetocin prevents priming-induced reinstatement of morphine-seeking: Involvement of dopaminergic, noradrenergic and MOPr systems. European Neuropsychopharmacology, 2015, 25, 2459-2464.	0.3	41
35	Region-specific up-regulation of oxytocin receptor binding in the brain of mice following chronic nicotine administration. Neuroscience Letters, 2015, 600, 33-37.	1.0	21
36	Chronic methamphetamine treatment induces oxytocin receptor up-regulation in the amygdala and hypothalamus via an adenosine A2A receptor-independent mechanism. Pharmacology Biochemistry and Behavior, 2014, 119, 72-79.	1.3	51

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37	The Oxytocin Analogue Carbetocin Prevents Emotional Impairment and Stress-Induced Reinstatement of Opioid-Seeking in Morphine-Abstinent Mice. Neuropsychopharmacology, 2014, 39, 855-865.	2.8	108