

Polymnia Georgiou

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

3,242
citations

304743

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citing authors

#	ARTICLE	IF	CITATIONS
1	NMDAR inhibition-independent antidepressant actions of ketamine metabolites. <i>Nature</i> , 2016, 533, 481-486.	27.8	1,246
2	Ketamine and Ketamine Metabolite Pharmacology: Insights into Therapeutic Mechanisms. <i>Pharmacological Reviews</i> , 2018, 70, 621-660.	16.0	723
3	Glutamatergic Ventral Pallidal Neurons Modulate Activity of the Habenulaâ€“Tegmental Circuitry and Constrain Reward Seeking. <i>Biological Psychiatry</i> , 2018, 83, 1012-1023.	1.3	113
4	(<i>2R,6R</i>)-hydroxynorketamine exerts mGlu ₂ receptor-dependent antidepressant actions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 6441-6450.	7.1	112
5	The Oxytocin Analogue Carbetocin Prevents Emotional Impairment and Stress-Induced Reinstatement of Opioid-Seeking in Morphine-Abstinent Mice. <i>Neuropsychopharmacology</i> , 2014, 39, 855-865.	5.4	108
6	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. <i>ENeuro</i> , 2017, 4, ENEURO.0285-16.2017.	1.9	88
7	Motor neuron disease, TDP-43 pathology, and memory deficits in mice expressing ALSâ€“FTD-linked <i>UBQLN2</i> mutations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E7580-E7589.	7.1	77
8	Animal models to improve our understanding and treatment of suicidal behavior. <i>Translational Psychiatry</i> , 2017, 7, e1092-e1092.	4.8	61
9	(<i>R</i>)-Ketamine exerts antidepressant actions partly via conversion to (<i>2R,6R</i>)-hydroxynorketamine, while causing adverse effects at subanaesthetic doses. <i>British Journal of Pharmacology</i> , 2019, 176, 2573-2592.	5.4	61
10	Hydroxynorketamines: Pharmacology and Potential Therapeutic Applications. <i>Pharmacological Reviews</i> , 2021, 73, 763-791.	16.0	54
11	Dopamine and Stress System Modulation of Sex Differences in Decision Making. <i>Neuropsychopharmacology</i> , 2018, 43, 313-324.	5.4	53
12	Chronic methamphetamine treatment induces oxytocin receptor up-regulation in the amygdala and hypothalamus via an adenosine A2A receptor-independent mechanism. <i>Pharmacology Biochemistry and Behavior</i> , 2014, 119, 72-79.	2.9	51
13	Group II metabotropic glutamate receptor blockade promotes stress resilience in mice. <i>Neuropsychopharmacology</i> , 2019, 44, 1788-1796.	5.4	45
14	Methamphetamine abstinence induces changes in Î¼-opioid receptor, oxytocin and CRF systems: Association with an anxiogenic phenotype. <i>Neuropharmacology</i> , 2016, 105, 520-532.	4.1	44
15	Oxytocin and opioid addiction revisited: old drug, new applications. <i>British Journal of Pharmacology</i> , 2018, 175, 2809-2824.	5.4	42
16	The oxytocin analogue carbetocin prevents priming-induced reinstatement of morphine-seeking: Involvement of dopaminergic, noradrenergic and MOPr systems. <i>European Neuropsychopharmacology</i> , 2015, 25, 2459-2464.	0.7	41
17	Environmental enrichment enhances conditioned place preference to ethanol via an oxytocinergic-dependent mechanism in male mice. <i>Neuropharmacology</i> , 2018, 138, 267-274.	4.1	38
18	Differential regulation of mGlu ₅ and Î±OPr by priming and cue-induced reinstatement of cocaine-seeking behaviour in mice. <i>Addiction Biology</i> , 2015, 20, 902-912.	2.6	31

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19	Cocaine abstinence induces emotional impairment and brain region-specific upregulation of the oxytocin receptor binding. <i>European Journal of Neuroscience</i> , 2016, 44, 2446-2454.	2.6	30
20	Zanos et al. reply. <i>Nature</i> , 2017, 546, E4-E5.	27.8	29
21	Inhibition of alpha7 nicotinic receptors in the ventral hippocampus selectively attenuates reinstatement of morphine-conditioned place preference and associated changes in AMPA receptor binding. <i>Addiction Biology</i> , 2019, 24, 590-603.	2.6	28
22	A critical role of striatal A _{2A} -mGlu ₅ interactions in modulating the psychomotor and drug-seeking effects of methamphetamine. <i>Addiction Biology</i> , 2016, 21, 811-825.	2.6	23
23	Region-specific up-regulation of oxytocin receptor binding in the brain of mice following chronic nicotine administration. <i>Neuroscience Letters</i> , 2015, 600, 33-37.	2.1	21
24	Transient anhedonia phenotype and altered circadian timing of behaviour during night-time dim light exposure in Per3 ^{+/+} mice, but not wildtype mice. <i>Scientific Reports</i> , 2017, 7, 40399.	3.3	18
25	Sex-Specific Involvement of Estrogen Receptors in Behavioral Responses to Stress and Psychomotor Activation. <i>Frontiers in Psychiatry</i> , 2019, 10, 81.	2.6	17
26	Emotional Impairment and Persistent Upregulation of mGlu ₅ Receptor following Morphine Abstinence: Implications of an mGlu ₅ -MOPr Interaction. <i>International Journal of Neuropsychopharmacology</i> , 2016, 19, pyw011.	2.1	15
27	Negative Allosteric Modulation of Gamma-Aminobutyric Acid A Receptors at $\hat{1}\pm 5$ Subunit-Containing Benzodiazepine Sites Reverses Stress-Induced Anhedonia and Weakened Synaptic Function in Mice. <i>Biological Psychiatry</i> , 2022, 92, 216-226.	1.3	14
28	Methamphetamine withdrawal induces activation of CRF neurons in the brain stress system in parallel with an increased activity of cardiac sympathetic pathways. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2018, 391, 423-434.	3.0	11
29	Wheel running during chronic nicotine exposure is protective against mecamylamine-precipitated withdrawal and upregulates hippocampal $\hat{1}\pm 7$ nACh receptors in mice. <i>British Journal of Pharmacology</i> , 2018, 175, 1928-1943.	5.4	10
30	Post-weaning A1/A2 $\hat{1}\pm 2$ -casein milk intake modulates depressive-like behavior, brain $\hat{1}\pm 4$ -opioid receptors, and the metabolome of rats. <i>IScience</i> , 2021, 24, 103048.	4.1	8
31	Classical conditioning of antidepressant placebo effects in mice. <i>Psychopharmacology</i> , 2020, 237, 93-102.	3.1	7
32	F102. Human Experimenter Sex Modulates Mouse Behavioral Responses to Stress and to the Antidepressant Ketamine. <i>Biological Psychiatry</i> , 2018, 83, S277.	1.3	6
33	Chronic nicotine administration restores brain region specific upregulation of oxytocin receptor binding levels in a G72 mouse model of schizophrenia. <i>European Journal of Neuroscience</i> , 2019, 50, 2255-2263.	2.6	6
34	Seasonality of blood neopterin levels in the Old Order Amish. <i>Pteridines</i> , 2017, 28, 163-176.	0.5	3
35	7B2 chaperone knockout in APP model mice results in reduced plaque burden. <i>Scientific Reports</i> , 2018, 8, 9813.	3.3	3
36	790. Ketamine Exerts NMDAR Inhibition-Independent Antidepressant Actions via Its Hydroxynorketamine Metabolites. <i>Biological Psychiatry</i> , 2017, 81, S321.	1.3	1

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37	T89. Group II Metabotropic Glutamate Receptor Blockade Promotes Stress Resilience. Biological Psychiatry, 2018, 83, S163.	1.3	0