

Giulia Costa

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

1,048
citations

489802

18
h-index

466096

32
g-index

36
all docs

36
docs citations

36
times ranked

1399
citing authors

#	ARTICLE	IF	CITATIONS
1	Neurotoxicity of MDMA: Main effects and mechanisms. <i>Experimental Neurology</i> , 2022, 347, 113894.	2.0	28
2	Increased emissions of 50-kHz ultrasonic vocalizations in hemiparkinsonian rats repeatedly treated with dopaminomimetic drugs: A potential preclinical model for studying the affective properties of dopamine replacement therapy in Parkinson's disease. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2021, 108, 110184.	2.5	7
3	In utero exposure to dexamethasone causes a persistent and age-dependent exacerbation of the neurotoxic effects and glia activation induced by MDMA in dopaminergic brain regions of C57BL/6 mice. <i>NeuroToxicology</i> , 2021, 83, 1-13.	1.4	5
4	The Neuroinflammatory and Neurotoxic Potential of Palmitic Acid Is Mitigated by Oleic Acid in Microglial Cells and Microglial-Neuronal Co-cultures. <i>Molecular Neurobiology</i> , 2021, 58, 3000-3014.	1.9	16
5	Involvement of the Protein Ras Homolog Enriched in the Striatum, Rhes, in Dopaminergic Neurons's Degeneration: Link to Parkinson's Disease. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5326.	1.8	4
6	Association between Novel Object Recognition/Spontaneous Alternation Behavior and Emission of Ultrasonic Vocalizations in Rats: Possible Relevance to the Study of Memory. <i>Brain Sciences</i> , 2021, 11, 1053.	1.1	4
7	Activation of Antioxidant and Proteolytic Pathways in the Nigrostriatal Dopaminergic System After 3,4-Methylenedioxymethamphetamine Administration: Sex-Related Differences. <i>Frontiers in Pharmacology</i> , 2021, 12, 713486.	1.6	5
8	Neuroinflammation and L-dopa-induced abnormal involuntary movements in 6-hydroxydopamine-lesioned rat model of Parkinson's disease are counteracted by combined administration of a 5-HT1A/1B receptor agonist and A2A receptor antagonist. <i>Neuropharmacology</i> , 2021, 196, 108693.	2.0	13
9	Protective Agents in Parkinson's Disease: Caffeine and Adenosine A2A Receptor Antagonists. , 2021, , 1-24.		0
10	Influence of dopamine transmission in the medial prefrontal cortex and dorsal striatum on the emission of 50-kHz ultrasonic vocalizations in rats treated with amphetamine: Effects on drug-stimulated and conditioned calls. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2020, 97, 109797.	2.5	13
11	Gender Differences in Neurodegeneration, Neuroinflammation and Na ⁺ -Ca ²⁺ Exchangers in the Female A53T Transgenic Mouse Model of Parkinson's Disease. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 118.	1.7	17
12	Neuronal and peripheral damages induced by synthetic psychoactive substances: an update of recent findings from human and animal studies. <i>Neural Regeneration Research</i> , 2020, 15, 802.	1.6	30
13	Fos expression induced by olanzapine and risperidone in the central extended amygdala. <i>European Journal of Pharmacology</i> , 2019, 865, 172764.	1.7	3
14	Lack of Rhes Increases MDMA-Induced Neuroinflammation and Dopamine Neuron Degeneration: Role of Gender and Age. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1556.	1.8	19
15	The novel psychoactive substance methoxetamine induces persistent behavioral abnormalities and neurotoxicity in rats. <i>Neuropharmacology</i> , 2019, 144, 219-232.	2.0	19
16	Repeated Administration of 3,4-Methylenedioxymethamphetamine (MDMA) Elevates the Levels of Neuronal Nitric Oxide Synthase in the Nigrostriatal System: Possible Relevance to Neurotoxicity. <i>Neurotoxicity Research</i> , 2018, 34, 763-768.	1.3	9
17	Emission of categorized 50-kHz ultrasonic vocalizations in rats repeatedly treated with amphetamine or apomorphine: Possible relevance to drug-induced modifications in the emotional state. <i>Behavioural Brain Research</i> , 2018, 347, 88-98.	1.2	25
18	Neurochemical and Neurotoxic Effects of MDMA (Ecstasy) and Caffeine After Chronic Combined Administration in Mice. <i>Neurotoxicity Research</i> , 2018, 33, 532-548.	1.3	23

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19	Modulation of Rat 50-kHz Ultrasonic Vocalizations by Glucocorticoid Signaling: Possible Relevance to Reward and Motivation. <i>International Journal of Neuropsychopharmacology</i> , 2018, 21, 73-83.	1.0	18
20	NCX1 and NCX3 as potential factors contributing to neurodegeneration and neuroinflammation in the A53T transgenic mouse model of Parkinson's Disease. <i>Cell Death and Disease</i> , 2018, 9, 725.	2.7	32
21	Rhes Counteracts Dopamine Neuron Degeneration and Neuroinflammation Depending on Gender and Age. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 163.	1.7	7
22	Amphetamine-related drugs neurotoxicity in humans and in experimental animals: Main mechanisms. <i>Progress in Neurobiology</i> , 2017, 155, 149-170.	2.8	176
23	Progression and Persistence of Neurotoxicity Induced by MDMA in Dopaminergic Regions of the Mouse Brain and Association with Noradrenergic, GABAergic, and Serotonergic Damage. <i>Neurotoxicity Research</i> , 2017, 32, 563-574.	1.3	24
24	Influence of caffeine on 3,4-methylenedioxymethamphetamine-induced dopaminergic neuron degeneration and neuroinflammation is age-dependent. <i>Journal of Neurochemistry</i> , 2016, 136, 148-162.	2.1	31
25	Antidyskinetic effect of A _{2A} and 5HT _{1A/1B} receptor ligands in two animal models of Parkinson's disease. <i>Movement Disorders</i> , 2016, 31, 501-511.	2.2	36
26	The Small GTP-binding Protein Rhes influences Nigrostriatal-dependent Motor Behavior during Amphetamine. <i>Movement Disorders</i> , 2016, 31, 583-589.	2.2	14
27	Activation of adenosine A _{2A} receptors suppresses the emission of pro-social and drug-stimulated 50-kHz ultrasonic vocalizations in rats: possible relevance to reward and motivation. <i>Psychopharmacology</i> , 2016, 233, 507-519.	1.5	27
28	Dual target strategy: combining distinct non-dopaminergic treatments reduces neuronal cell loss and synergistically modulates L-DOPA-induced rotational behavior in a rodent model of Parkinson's disease. <i>Journal of Neurochemistry</i> , 2015, 134, 740-747.	2.1	31
29	Involvement of Glutamate NMDA Receptors in the Acute, Long-Term, and Conditioned Effects of Amphetamine on Rat 50kHz Ultrasonic Vocalizations. <i>International Journal of Neuropsychopharmacology</i> , 2015, 18, pyv057.	1.0	35
30	Adenosine A _{2A} Receptor Antagonists in L-DOPA-Induced Motor Fluctuations. <i>Current Topics in Neurotoxicity</i> , 2015, , 163-182.	0.4	1
31	MDMA administration during adolescence exacerbates MPTP-induced cognitive impairment and neuroinflammation in the hippocampus and prefrontal cortex. <i>Psychopharmacology</i> , 2014, 231, 4007-4018.	1.5	40
32	L-DOPA disrupts adenosine A _{2A} -cannabinoid CB ₁ -dopamine D ₂ receptor heteromer cross-talk in the striatum of hemiparkinsonian rats: Biochemical and behavioral studies. <i>Experimental Neurology</i> , 2014, 253, 180-191.	2.0	77
33	The Hypocretin/Orexin System Mediates the Extinction of Fear Memories. <i>Neuropsychopharmacology</i> , 2014, 39, 2732-2741.	2.8	112
34	MPTP-induced dopamine neuron degeneration and glia activation is potentiated in MDMA-pretreated mice. <i>Movement Disorders</i> , 2013, 28, 1957-1965.	2.2	47
35	Pharmacological characterization of 50-kHz ultrasonic vocalizations in rats: Comparison of the effects of different psychoactive drugs and relevance in drug-induced reward. <i>Neuropharmacology</i> , 2012, 63, 224-234.	2.0	99