

# Maria Antonietta De Luca

## List of Publications by Year in descending order

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Version: 2024-02-01

55  
papers

2,787  
citations

218592

26  
h-index

182361

51  
g-index

59  
all docs

59  
docs citations

59  
times ranked

3691  
citing authors

#	ARTICLE	IF	CITATIONS
1	Editorial of special issue "Synthetic psychoactive substances and neurological diseases: Toxic and therapeutic effects. <i>Experimental Neurology</i> , 2022, 347, 113921.	2.0	1
2	Needle-Free Jet Injectors and Nanosuspensions: Exploring the Potential of an Unexpected Pair. <i>Pharmaceutics</i> , 2022, 14, 1085.	2.0	2
3	Dysbindin-1A modulation of astrocytic dopamine and basal ganglia dependent behaviors relevant to schizophrenia. <i>Molecular Psychiatry</i> , 2022, 27, 4201-4217.	4.1	2
4	The potential role of oxytocin in addiction: What is the target process?. <i>Current Opinion in Pharmacology</i> , 2021, 58, 8-20.	1.7	8
5	Repeated exposure to JWH018 induces adaptive changes in the mesolimbic and mesocortical dopaminergic pathways, glial cells alterations, and behavioural correlates. <i>British Journal of Pharmacology</i> , 2021, 178, 3476-3497.	2.7	12
6	Human Neuronal Cell Lines as An In Vitro Toxicological Tool for the Evaluation of Novel Psychoactive Substances. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6785.	1.8	8
7	New insights into methoxetamine mechanisms of action: Focus on serotonergic 5-HT <sub>2</sub> receptors in pharmacological and behavioral effects in the rat. <i>Experimental Neurology</i> , 2021, 345, 113836.	2.0	4
8	Neurochemical and Behavioral Characterization after Acute and Repeated Exposure to Novel Synthetic Cannabinoid Agonist 5-MDMB-PICA. <i>Brain Sciences</i> , 2020, 10, 1011.	1.1	10
9	The Role of Dopamine in the Stimulant Characteristics of Novel Psychoactive Substances (NPS): Neurobiological and Computational Assessment Using the Case of Desoxypradol (2-DPMP). <i>Frontiers in Pharmacology</i> , 2020, 11, 806.	1.6	6
10	Neurophysiological and Neurochemical Effects of the Putative Cognitive Enhancer (S)-CE-123 on Mesocorticolimbic Dopamine System. <i>Biomolecules</i> , 2020, 10, 779.	1.8	15
11	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
12	The Novel Atypical Dopamine Uptake Inhibitor (S)-CE-123 Partially Reverses the Effort-Related Effects of the Dopamine Depleting Agent Tetrabenazine and Increases Progressive Ratio Responding. <i>Frontiers in Pharmacology</i> , 2019, 10, 682.	1.6	35
13	Neurochemical and Behavioral Profiling in Male and Female Rats of the Psychedelic Agent 25I-NBOMe. <i>Frontiers in Pharmacology</i> , 2019, 10, 1406.	1.6	25
14	Pharmacological and Behavioral Effects of the Synthetic Cannabinoid AKB48 in Rats. <i>Frontiers in Neuroscience</i> , 2019, 13, 1163.	1.4	31
15	Dopamine Restores Limbic Memory Loss, Dendritic Spine Structure, and NMDAR-Dependent LTD in the Nucleus Accumbens of Alcohol-Withdrawn Rats. <i>Journal of Neuroscience</i> , 2019, 39, 929-943.	1.7	24
16	The novel psychoactive substance methoxetamine induces persistent behavioral abnormalities and neurotoxicity in rats. <i>Neuropharmacology</i> , 2019, 144, 219-232.	2.0	19
17	Editorial: Deconstructing the Influence of Genetic and Age Vulnerability to Psychiatric Disorders. <i>Frontiers in Psychiatry</i> , 2019, 10, 13.	1.3	0
18	Serotonergic Signaling Controls Input-Specific Synaptic Plasticity at Striatal Circuits. <i>Neuron</i> , 2018, 98, 801-816.e7.	3.8	40

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19	Therapeutic Use of Synthetic Cannabinoids: Still an Open Issue?. <i>Clinical Therapeutics</i> , 2018, 40, 1457-1466.	1.1	39
20	Loren Parsons' contribution to addiction neurobiology. <i>Addiction Biology</i> , 2018, 23, 1207-1222.	1.4	6
21	Taste novelty and dopamine. , 2018, , 147-165.		0
22	Sales and Advertising Channels of New Psychoactive Substances (NPS): Internet, Social Networks, and Smartphone Apps. <i>Brain Sciences</i> , 2018, 8, 123.	1.1	50
23	Variations in Dysbindin-1 are associated with cognitive response to antipsychotic drug treatment. <i>Nature Communications</i> , 2018, 9, 2265.	5.8	38
24	Brain-wide Mapping of Endogenous Serotonergic Transmission via Chemogenetic fMRI. <i>Cell Reports</i> , 2017, 21, 910-918.	2.9	70
25	4,4-dimethylaminorex (4,4-DIMAR; Serotoni) misuse: A Web-based study. <i>Human Psychopharmacology</i> , 2017, 32, e2575.	0.7	16
26	Psychostimulant Effect of the Synthetic Cannabinoid JWH-018 and AKB48: Behavioral, Neurochemical, and Dopamine Transporter Scan Imaging Studies in Mice. <i>Frontiers in Psychiatry</i> , 2017, 8, 130.	1.3	36
27	Is there a Teratogenicity Risk Associated with Cannabis and Synthetic Cannabimimetics (Spice) Intake? CNS and Neurological Disorders - Drug Targets, 2017, 16, 585-591.	0.8	11
28	Cannabis; Epidemiological, Neurobiological and Psychopathological Issues: An Update. <i>CNS and Neurological Disorders - Drug Targets</i> , 2017, 16, 598-609.	0.8	25
29	Neuropharmacology of New Psychoactive Substances (NPS): Focus on the Rewarding and Reinforcing Properties of Cannabimimetics and Amphetamine-Like Stimulants. <i>Frontiers in Neuroscience</i> , 2016, 10, 153.	1.4	148
30	Genetic Disruption of Arc/Arg3.1 in Mice Causes Alterations in Dopamine and Neurobehavioral Phenotypes Related to Schizophrenia. <i>Cell Reports</i> , 2016, 16, 2116-2128.	2.9	89
31	Effect of the novel synthetic cannabinoids AKB48 and 5F-AKB48 on $\alpha$ -tetrad, sensorimotor, neurological and neurochemical responses in mice. In vitro and in vivo pharmacological studies. <i>Psychopharmacology</i> , 2016, 233, 3685-3709.	1.5	63
32	Effect of JWH-250, JWH-073 and their interaction on $\alpha$ -tetrad, sensorimotor, neurological and neurochemical responses in mice. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2016, 67, 31-50.	2.5	62
33	Native CB1 receptor affinity, intrinsic activity and accumbens shell dopamine stimulant properties of third generation SPICE/K2 cannabinoids: BB-22, 5F-PB-22, 5F-AKB-48 and STS-135. <i>Neuropharmacology</i> , 2016, 105, 630-638.	2.0	67
34	Lactoferrin- and antitransferrin-modified liposomes for brain targeting of the NK3 receptor agonist senktide: Preparation and in vivo evaluation. <i>International Journal of Pharmaceutics</i> , 2015, 479, 129-137.	2.6	44
35	Cannabinoids and drug addiction. , 2015, , 289-313.		1
36	PPAR $\beta$ Activation Attenuates Opioid Consumption and Modulates Mesolimbic Dopamine Transmission. <i>Neuropsychopharmacology</i> , 2015, 40, 927-937.	2.8	67

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37	Stimulation of in vivo dopamine transmission and intravenous self-administration in rats and mice by JWH-018, a Spice cannabinoid. <i>Neuropharmacology</i> , 2015, 99, 705-714.	2.0	65
38	A systematic microdialysis study of dopamine transmission in the accumbens shell/core and prefrontal cortex after acute antipsychotics. <i>Psychopharmacology</i> , 2015, 232, 1427-1440.	1.5	28
39	Habituation of the responsiveness of mesolimbic and mesocortical dopamine transmission to taste stimuli. <i>Frontiers in Integrative Neuroscience</i> , 2014, 8, 21.	1.0	17
40	Endocannabinoid 2-Arachidonoylglycerol Self-Administration by Sprague-Dawley Rats and Stimulation of in vivo Dopamine Transmission in the Nucleus Accumbens Shell. <i>Frontiers in Psychiatry</i> , 2014, 5, 140.	1.3	36
41	Elevation of striatal urate in experimental models of Parkinson's disease: a compensatory mechanism triggered by dopaminergic nigrostriatal degeneration?. <i>Journal of Neurochemistry</i> , 2014, 131, 284-289.	2.1	10
42	Evidence for a role of a dopamine/5-HT6 receptor interaction in cocaine reinforcement. <i>Neuropharmacology</i> , 2013, 65, 58-64.	2.0	23
43	Lesion of medial prefrontal dopamine terminals abolishes habituation of accumbens shell dopamine responsiveness to taste stimuli. <i>European Journal of Neuroscience</i> , 2013, 37, 613-622.	1.2	19
44	Late-onset Parkinsonism in NFAB/c-Rel-deficient mice. <i>Brain</i> , 2012, 135, 2750-2765.	3.7	66
45	Cannabinoid facilitation of behavioral and biochemical hedonic taste responses. <i>Neuropharmacology</i> , 2012, 63, 161-168.	2.0	78
46	Chapter 14. Caffeine and the Brain: An Overview. <i>Food and Nutritional Components in Focus</i> , 2012, , 247-267.	0.1	2
47	Metronidazole prodrugs: Synthesis, physicochemical properties, stability, and ex vivo release studies. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 4142-4150.	2.6	25
48	Influence of morphine sensitization on the responsiveness of mesolimbic and mesocortical dopamine transmission to appetitive and aversive gustatory stimuli. <i>Psychopharmacology</i> , 2011, 216, 345-353.	1.5	20
49	Role of dopamine D <sub>1</sub> receptors in caffeine-mediated ERK phosphorylation in the rat brain. <i>Synapse</i> , 2010, 64, 341-349.	0.6	20
50	LC-MS/MS Determination of Rotenone, Deguelin, and Rotenolone in Human Serum. <i>Chromatographia</i> , 2008, 68, 739-745.	0.7	20
51	Caffeine and accumbens shell dopamine. <i>Journal of Neurochemistry</i> , 2007, 103, 070727014922001-???.	2.1	46
52	Differential impact of pavlovian drug conditioned stimuli on in vivo dopamine transmission in the rat accumbens shell and core and in the prefrontal cortex. <i>Psychopharmacology</i> , 2007, 191, 689-703.	1.5	66
53	Dopamine and drug addiction: the nucleus accumbens shell connection. <i>Neuropharmacology</i> , 2004, 47, 227-241.	2.0	777
54	Differential adaptive properties of accumbens shell dopamine responses to ethanol as a drug and as a motivational stimulus. <i>European Journal of Neuroscience</i> , 2003, 17, 1465-1472.	1.2	54

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55	Differential Expression of Motivational Stimulus Properties by Dopamine in Nucleus Accumbens Shell versus Core and Prefrontal Cortex. <i>Journal of Neuroscience</i> , 2002, 22, 4709-4719.	1.7	277