

Gian Marco Leggio

List of Publications by Year in descending order

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Version: 2024-02-01

69
papers

2,917
citations

136740

32
h-index

197535

49
g-index

70
all docs

70
docs citations

70
times ranked

4236
citing authors

#	ARTICLE	IF	CITATIONS
1	New pharmacological strategies for treatment of Alzheimer's disease: focus on disease modifying drugs. <i>British Journal of Clinical Pharmacology</i> , 2012, 73, 504-517.	1.1	253
2	Anxiolytic Effects in Mice of a Dual Blocker of Fatty Acid Amide Hydrolase and Transient Receptor Potential Vanilloid Type-1 Channels. <i>Neuropsychopharmacology</i> , 2009, 34, 593-606.	2.8	182
3	Eriodictyol prevents early retinal and plasma abnormalities in streptozotocin-induced diabetic rats. <i>Biochemical Pharmacology</i> , 2012, 84, 88-92.	2.0	126
4	Neurobiological links between depression and AD: The role of TGF- β 1 signaling as a new pharmacological target. <i>Pharmacological Research</i> , 2018, 130, 374-384.	3.1	126
5	Dopamine D3 receptor as a new pharmacological target for the treatment of depression. <i>European Journal of Pharmacology</i> , 2013, 719, 25-33.	1.7	115
6	Current drug treatments targeting dopamine D3 receptor. , 2016, 165, 164-177.		87
7	Dopamine outside the brain: The eye, cardiovascular system and endocrine pancreas. , 2019, 203, 107392.		86
8	Nanosystems based on siRNA silencing HuR expression counteract diabetic retinopathy in rat. <i>Pharmacological Research</i> , 2016, 111, 713-720.	3.1	84
9	P2X7 receptor antagonism: Implications in diabetic retinopathy. <i>Biochemical Pharmacology</i> , 2017, 138, 130-139.	2.0	71
10	Polyphenols and neuroprotection: Therapeutic implications for cognitive decline. , 2022, 232, 108013.		71
11	The dual blocker of FAAH/TRPV1 N-arachidonoylserotonin reverses the behavioral despair induced by stress in rats and modulates the HPA-axis. <i>Pharmacological Research</i> , 2014, 87, 151-159.	3.1	66
12	Dopamine: an immune transmitter. <i>Neural Regeneration Research</i> , 2020, 15, 2173.	1.6	64
13	Homology Modeling of Dopamine D2 and D3 Receptors: Molecular Dynamics Refinement and Docking Evaluation. <i>PLoS ONE</i> , 2012, 7, e44316.	1.1	62
14	Fluoxetine and Vortioxetine Reverse Depressive-Like Phenotype and Memory Deficits Induced by β 1-42 Oligomers in Mice: A Key Role of Transforming Growth Factor- β 1. <i>Frontiers in Pharmacology</i> , 2019, 10, 693.	1.6	60
15	Aflibercept regulates retinal inflammation elicited by high glucose via the PlGF/ERK pathway. <i>Biochemical Pharmacology</i> , 2019, 168, 341-351.	2.0	57
16	A New Human Bloodâ€“Retinal Barrier Model Based on Endothelial Cells, Pericytes, and Astrocytes. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1636.	1.8	54
17	Enhanced cognitive performance of dopamine D3 receptor knock-out mice in the step-through passive-avoidance test: Assessing the role of the endocannabinoid/endovanilloid systems. <i>Pharmacological Research</i> , 2010, 61, 531-536.	3.1	52
18	Dopamine D3 Receptor Is Necessary for Ethanol Consumption: An Approach with Buspirone. <i>Neuropsychopharmacology</i> , 2014, 39, 2017-2028.	2.8	52

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19	Behavioral effects of the α_3 adrenoceptor agonist SR58611A: Is it the putative prototype of a new class of antidepressant/anxiolytic drugs?. <i>European Journal of Pharmacology</i> , 2007, 573, 139-147.	1.7	51
20	Serotonin _{2C} receptors in the medial prefrontal cortex facilitate cocaine-induced dopamine release in the rat nucleus accumbens. <i>Neuropharmacology</i> , 2009, 56, 507-513.	2.0	46
21	<i>In vivo</i> evidence that constitutive activity of serotonin _{2C} receptors in the medial prefrontal cortex participates in the control of dopamine release in the rat nucleus accumbens: differential effects of inverse agonist versus antagonist. <i>Journal of Neurochemistry</i> , 2009, 111, 614-623.	2.1	43
22	Computational systems biology approach to identify novel pharmacological targets for diabetic retinopathy. <i>Biochemical Pharmacology</i> , 2018, 158, 13-26.	2.0	43
23	Fluoxetine Prevents α_1 -42-Induced Toxicity via a Paracrine Signaling Mediated by Transforming-Growth-Factor β_1 . <i>Frontiers in Pharmacology</i> , 2016, 7, 389.	1.6	42
24	Sulodexide prevents activation of the PLA2/COX-2/VEGF inflammatory pathway in human retinal endothelial cells by blocking the effect of AGE/RAGE. <i>Biochemical Pharmacology</i> , 2017, 142, 145-154.	2.0	42
25	A novel arousal-based individual screening reveals susceptibility and resilience to PTSD-like phenotypes in mice. <i>Neurobiology of Stress</i> , 2021, 14, 100286.	1.9	42
26	Altered responses of dopamine D3 receptor null mice to excitotoxic or anxiogenic stimuli: Possible involvement of the endocannabinoid and endovanilloid systems. <i>Neurobiology of Disease</i> , 2009, 36, 70-80.	2.1	40
27	Behavioral effects of saredutant, a tachykinin NK2 receptor antagonist, in experimental models of mood disorders under basal and stress-related conditions. <i>Pharmacology Biochemistry and Behavior</i> , 2008, 90, 463-469.	1.3	39
28	Fortified Extract of Red Berry, <i>Ginkgo biloba</i> , and White Willow Bark in Experimental Early Diabetic Retinopathy. <i>Journal of Diabetes Research</i> , 2013, 2013, 1-6.	1.0	39
29	TGF β_1 prevents rat retinal insult induced by amyloid β (1-42) oligomers. <i>European Journal of Pharmacology</i> , 2016, 787, 72-77.	1.7	39
30	Blood-retinal barrier protection against high glucose damage: The role of P2X7 receptor. <i>Biochemical Pharmacology</i> , 2019, 168, 249-258.	2.0	39
31	Cognitive effects of SL65.0155, a serotonin 5-HT ₄ receptor partial agonist, in animal models of amnesia. <i>Brain Research</i> , 2006, 1121, 207-215.	1.1	37
32	Increased sensitivity to antidepressants of D3 dopamine receptor-deficient mice in the forced swim test (FST). <i>European Neuropsychopharmacology</i> , 2008, 18, 271-277.	0.3	37
33	The epistatic interaction between the dopamine D3 receptor and dysbindin-1 modulates higher-order cognitive functions in mice and humans. <i>Molecular Psychiatry</i> , 2021, 26, 1272-1285.	4.1	37
34	Topical Ocular Delivery of TGF β_1 to the Back of the Eye: Implications in Age-Related Neurodegenerative Diseases. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2076.	1.8	34
35	Retinal Protection and Distribution of Curcumin in Vitro and in Vivo. <i>Frontiers in Pharmacology</i> , 2018, 9, 670.	1.6	34
36	The antineoplastic drug flavopiridol reverses memory impairment induced by Amyloid- β 1-42 oligomers in mice. <i>Pharmacological Research</i> , 2016, 106, 10-20.	3.1	32

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55	Behavioural and neurochemical changes induced by stress-related conditions are counteracted by the neurokinin-2 receptor antagonist saredutant. <i>International Journal of Neuropsychopharmacology</i> , 2013, 16, 813-823.	1.0	14
56	Epigenetic drugs for Alzheimer's disease: hopes and challenges. <i>British Journal of Clinical Pharmacology</i> , 2013, 75, 1154-1155.	1.1	12
57	Clinical Pharmacology of Novel Anti-Alzheimer Disease Modifying Medications. <i>Current Topics in Medicinal Chemistry</i> , 2013, 13, 1853-1863.	1.0	12
58	Oral Echinacea purpurea Extract in Low-Grade, Steroid-Dependent, Autoimmune Idiopathic Uveitis: A Pilot Study. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2006, 22, 431-436.	0.6	10
59	Tin chloride enhances parvalbumin-positive interneuron survival by modulating heme metabolism in a model of cerebral ischemia. <i>Neuroscience Letters</i> , 2011, 492, 33-38.	1.0	9
60	Hippocampal Neurofibromin and Amyloid Precursor Protein Expression in Dopamine D3 Receptor Knock-out Mice Following Passive Avoidance Conditioning. <i>Neurochemical Research</i> , 2013, 38, 564-572.	1.6	9
61	Identification of Dysregulated microRNA Networks in Schwann Cell-Like Cultures Exposed to Immune Challenge: Potential Crosstalk with the Protective VIP/PACAP Neuropeptide System. <i>International Journal of Molecular Sciences</i> , 2018, 19, 981.	1.8	9
62	Retinal biomarkers and pharmacological targets for Hermansky-Pudlak syndrome 7. <i>Scientific Reports</i> , 2020, 10, 3972.	1.6	7
63	Increased Hippocampal CREB Phosphorylation in Dopamine D3 Receptor Knockout Mice Following Passive Avoidance Conditioning. <i>Neurochemical Research</i> , 2013, 38, 2516-2523.	1.6	6
64	Imputed expression of schizophrenia-associated genes and cognitive measures in patients with schizophrenia. <i>Molecular Genetics & Genomic Medicine</i> , 2022, 10, e1942.	0.6	6
65	Long-lasting rescue of schizophrenia-relevant cognitive impairments via risperidone-loaded microPlates. <i>Drug Delivery and Translational Research</i> , 2022, 12, 1829-1842.	3.0	5
66	Parkin Expression Profile in Dopamine D3 Receptor Knock-Out Mice Brains. <i>Neurochemical Research</i> , 2009, 34, 327-332.	1.6	4
67	Pharmacological and Genetic Evidence of Dopamine Receptor 3-Mediated Vasoconstriction in Isolated Mouse Aorta. <i>Biomolecules</i> , 2021, 11, 418.	1.8	2
68	Molecular Effects of Chronic Exposure to Palmitate in Intestinal Organoids: A New Model to Study Obesity and Diabetes. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7751.	1.8	2
69	Dopamine D3 Receptor, Cognition and Cognitive Dysfunctions in Neuropsychiatric Disorders: From the Bench to the Bedside. <i>Current Topics in Behavioral Neurosciences</i> , 2022, , .	0.8	1