Chiara Bianca Maria Platania

List of Publications by Year
in descending order

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50 papers	1,650 citations	236925 25 h-index	315739 38 g-index
51 all docs	51 docs citations	51 times ranked	2498 citing authors

#	Article	IF	Citations
1	Dopamine D3 receptor as a new pharmacological target for the treatment of depression. European Journal of Pharmacology, 2013, 719, 25-33.	3.5	115
2	Retinal and circulating mi<scp>RNA</scp> expression patterns in diabetic retinopathy: An in silico and in vivo approach. British Journal of Pharmacology, 2019, 176, 2179-2194.	5.4	104
3	Retinal and Circulating miRNAs in Age-Related Macular Degeneration: An In vivo Animal and Human Study. Frontiers in Pharmacology, 2017, 8, 168.	3.5	90
4	Current drug treatments targeting dopamine D3 receptor. , 2016, 165, 164-177.		87
5	Influence of different surfactants on the technological properties and in vivo ocular tolerability of lipid nanoparticles. International Journal of Pharmaceutics, 2014, 470, 133-140.	5.2	72
6	P2X7 receptor antagonism: Implications in diabetic retinopathy. Biochemical Pharmacology, 2017, 138, 130-139.	4.4	71
7	Nrf2 activators modulate oxidative stress responses and bioenergetic profiles of human retinal epithelial cells cultured in normal or high glucose conditions. Pharmacological Research, 2015, 99, 296-307.	7.1	65
8	Homology Modeling of Dopamine D2 and D3 Receptors: Molecular Dynamics Refinement and Docking Evaluation. PLoS ONE, 2012, 7, e44316.	2.5	62
9	Aflibercept regulates retinal inflammation elicited by high glucose via the PlGF/ERK pathway. Biochemical Pharmacology, 2019, 168, 341-351.	4.4	57
10	Dopamine D3 Receptor Is Necessary for Ethanol Consumption: An Approach with Buspirone. Neuropsychopharmacology, 2014, 39, 2017-2028.	5.4	52
11	Computational systems biology approach to identify novel pharmacological targets for diabetic retinopathy. Biochemical Pharmacology, 2018, 158, 13-26.	4.4	43
12	MicroRNA target prediction in glaucoma. Progress in Brain Research, 2015, 220, 217-240.	1.4	40
13	Fortified Extract of Red Berry,Ginkgo biloba, and White Willow Bark in Experimental Early Diabetic Retinopathy. Journal of Diabetes Research, 2013, 2013, 1-6.	2.3	39
14	TGF-Î²1 prevents rat retinal insult induced by amyloid-Î² (1â€“42) oligomers. European Journal of Pharmacology, 2016, 787, 72-77.	3.5	39
15	Blood-retinal barrier protection against high glucose damage: The role of P2X7 receptor. Biochemical Pharmacology, 2019, 168, 249-258.	4.4	39
16	Effects of Novel Nitric Oxide-Releasing Molecules against Oxidative Stress on Retinal Pigmented Epithelial Cells. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-11.	4.0	37
17	Novel Therapeutics in Glaucoma Management. Current Neuropharmacology, 2018, 16, 978-992.	2.9	37
18	Altered dopamine D3 receptor gene expression in MAM model of schizophrenia is reversed by peripubertal cannabidiol treatment. Biochemical Pharmacology, 2020, 177, 114004.	4.4	36

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19	TGF-Î² Serum Levels in Diabetic Retinopathy Patients and the Role of Anti-VEGF Therapy. International Journal of Molecular Sciences, 2020, 21, 9558.	4.1	35
20	Topical Ocular Delivery of TGF-Î²1 to the Back of the Eye: Implications in Age-Related Neurodegenerative Diseases. International Journal of Molecular Sciences, 2017, 18, 2076.	4.1	34
21	Resolvin D1 Modulates the Intracellular VEGF-Related miRNAs of Retinal Photoreceptors Challenged With High Glucose. Frontiers in Pharmacology, 2020, 11, 235.	3.5	33
22	Stabilization of HIF-1Î± in Human Retinal Endothelial Cells Modulates Expression of miRNAs and Proangiogenic Growth Factors. Frontiers in Pharmacology, 2020, 11, 1063.	3.5	32
23	Controversies in Glaucoma: Current Medical Treatment and Drug Development. Current Pharmaceutical Design, 2015, 21, 4673-4681.	1.9	32
24	Antioxidant and Osmoprotecting Activity of Taurine in Dry Eye Models. Journal of Ocular Pharmacology and Therapeutics, 2018, 34, 188-194.	1.4	30
25	Dopamine D3 receptor-dependent changes in alpha6 GABAA subunit expression in striatum modulate anxiety-like behaviour: Responsiveness and tolerance to diazepam. European Neuropsychopharmacology, 2015, 25, 1427-1436.	0.7	28
26	Novel ophthalmic formulation of myriocin: implications in retinitis pigmentosa. Drug Delivery, 2019, 26, 237-243.	5.7	28
27	Ocular Pharmacological Profile of Hydrocortisone in Dry Eye Disease. Frontiers in Pharmacology, 2019, 10, 1240.	3.5	27
28	Novel indole derivatives targeting HuR-mRNA complex to counteract high glucose damage in retinal endothelial cells. Biochemical Pharmacology, 2020, 175, 113908.	4.4	27
29	Effects of topical indomethacin, bromfenac and nepafenac on lipopolysaccharide-induced ocular inflammationâ€. Journal of Pharmacy and Pharmacology, 2014, 66, 954-960.	2.4	25
30	Characterization of Proteinâ€“Protein Interfaces through a Protein Contact Network Approach. Frontiers in Bioengineering and Biotechnology, 2015, 3, 170.	4.1	20
31	Circulating miRNAs in diabetic retinopathy patients: Prognostic markers or pharmacological targets?. Biochemical Pharmacology, 2021, 186, 114473.	4.4	19
32	Dihydrotanshinone, a Natural Diterpenoid, Preserves Blood-Retinal Barrier Integrity via P2X7 Receptor. International Journal of Molecular Sciences, 2020, 21, 9305.	4.1	17
33	1Î±,25-dihydroxyvitamin D3 protects retinal ganglion cells in glaucomatous mice. Journal of Neuroinflammation, 2021, 18, 206.	7.2	17
34	Regulation of intraocular pressure in mice: Structural analysis of dopaminergic and serotonergic systems in response to cabergoline. Biochemical Pharmacology, 2013, 86, 1347-1356.	4.4	16
35	Targeting the miRNA-155/TNFSF10 network restrains inflammatory response in the retina in a mouse model of Alzheimerâ€™s disease. Cell Death and Disease, 2021, 12, 905.	6.3	16
36	Synthesis, in vitro and in silico studies of HO-1 inducers and lung antifibrotic agents. Future Medicinal Chemistry, 2019, 11, 1523-1536.	2.3	13

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37	Fingolimod and Diabetic Retinopathy: A Drug Repurposing Study. Frontiers in Pharmacology, 2021, 12, 718902.	3.5	13
38	Molecular Dynamics Simulation Techniques as Tools in Drug Discovery and Pharmacology: A Focus on Allosteric Drugs. Methods in Molecular Biology, 2021, 2253, 245-254.	0.9	13
39	Assessment of a New Nanostructured Microemulsion System for Ocular Delivery of Sorafenib to Posterior Segment of the Eye. International Journal of Molecular Sciences, 2021, 22, 4404.	4.1	12
40	The P2X7 receptor as a new pharmacological target for retinal diseases. Biochemical Pharmacology, 2022, 198, 114942.	4.4	12
41	Caffeine Protects Against Retinal Inflammation. Frontiers in Pharmacology, 2021, 12, 824885.	3.5	10
42	Novel Heme Oxygenase-1 (HO-1) Inducers Based on Dimethyl Fumarate Structure. International Journal of Molecular Sciences, 2020, 21, 9541.	4.1	9
43	Effects of protein-protein interface disruptors at the ligand of the glucocorticoid-induced tumor necrosis factor receptor-related gene (GITR). Biochemical Pharmacology, 2020, 178, 114110.	4.4	9
44	New Brilliant Blue G Derivative as Pharmacological Tool in Retinal Surgery. Frontiers in Pharmacology, 2020, 11, 708.	3.5	8
45	Retinal biomarkers and pharmacological targets for Hermansky-Pudlak syndrome 7. Scientific Reports, 2020, 10, 3972.	3.3	7
46	Effects of Vitamin D3 and Meso-Zeaxanthin on Human Retinal Pigmented Epithelial Cells in Three Integrated in vitro Paradigms of Age-Related Macular Degeneration. Frontiers in Pharmacology, 2021, 12, 778165.	3.5	7
47	Glucose-Impaired Corneal Re-Epithelialization Is Promoted by a Novel Derivate of Dimethyl Fumarate. Antioxidants, 2021, 10, 831.	5.1	6
48	Do Extracellular RNAs Provide Insight into Uveal Melanoma Biology?. Cancers, 2021, 13, 5919.	3.7	6
49	Editorial: Chronic Inflammation and Neurodegeneration in Retinal Disease. Frontiers in Pharmacology, 2021, 12, 784770.	3.5	1
50	Therapeutic Potential of Nitric Oxide Modulation in Ocular Diseases: A Focus on Novel NO-Releasing Molecules. , 2019, , 333-334.		0