

Benjamin M Davis

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/536504/publications.pdf>

Version: 2024-02-01

23
papers

1,309
citations

567281

15
h-index

610901

24
g-index

25
all docs

25
docs citations

25
times ranked

2234
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterizing microglia activation: a spatial statistics approach to maximize information extraction. <i>Scientific Reports</i> , 2017, 7, 1576.	3.3	261
2	Glaucoma: the retina and beyond. <i>Acta Neuropathologica</i> , 2016, 132, 807-826.	7.7	202
3	Topical Delivery of Avastin to the Posterior Segment of the Eye In Vivo Using Annexin A5-associated Liposomes. <i>Small</i> , 2014, 10, 1575-1584.	10.0	121
4	Real-time imaging of single neuronal cell apoptosis in patients with glaucoma. <i>Brain</i> , 2017, 140, 1757-1767.	7.6	100
5	The retina as an early biomarker of neurodegeneration in a rotenone-induced model of Parkinson's disease: evidence for a neuroprotective effect of rosiglitazone in the eye and brain. <i>Acta Neuropathologica Communications</i> , 2016, 4, 86.	5.2	81
6	Topical Coenzyme Q10 demonstrates mitochondrial-mediated neuroprotection in a rodent model of ocular hypertension. <i>Mitochondrion</i> , 2017, 36, 114-123.	3.4	78
7	Memantine-Loaded PEGylated Biodegradable Nanoparticles for the Treatment of Glaucoma. <i>Small</i> , 2018, 14, 1701808.	10.0	77
8	The Interaction of N-Acylhomoserine Lactone Quorum Sensing Signaling Molecules with Biological Membranes: Implications for Inter-Kingdom Signaling. <i>PLoS ONE</i> , 2010, 5, e13522.	2.5	76
9	Topical Curcumin Nanocarriers are Neuroprotective in Eye Disease. <i>Scientific Reports</i> , 2018, 8, 11066.	3.3	73
10	Non-amyloidogenic effects of β_2 adrenergic agonists: implications for brimonidine-mediated neuroprotection. <i>Cell Death and Disease</i> , 2016, 7, e2514-e2514.	6.3	54
11	Retinal manifestations of Alzheimer's disease. <i>Neurodegenerative Disease Management</i> , 2014, 4, 241-252.	2.2	27
12	A novel retinal ganglion cell quantification tool based on deep learning. <i>Scientific Reports</i> , 2021, 11, 702.	3.3	25
13	In vivo imaging of retinal ganglion cell apoptosis. <i>Current Opinion in Pharmacology</i> , 2013, 13, 123-127.	3.5	24
14	Topical recombinant human Nerve growth factor (rh-NGF) is neuroprotective to retinal ganglion cells by targeting secondary degeneration. <i>Scientific Reports</i> , 2020, 10, 3375.	3.3	23
15	α -Tocopherols modify the membrane dipole potential leading to modulation of ligand binding by P-glycoprotein. <i>Journal of Lipid Research</i> , 2015, 56, 1543-1550.	4.2	20
16	Annexins in Glaucoma. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1218.	4.1	15
17	Ocular Biomarkers of Alzheimer's Disease. <i>Central Nervous System Agents in Medicinal Chemistry</i> , 2015, 15, 117-125.	1.1	15
18	Neuroprotection in glaucoma: old concepts, new ideas. <i>Expert Review of Ophthalmology</i> , 2019, 14, 101-113.	0.6	11

#	ARTICLE	IF	CITATIONS
19	Tightening the retinal glia limitans attenuates neuroinflammation after optic nerve injury. <i>Glia</i> , 2020, 68, 2643-2660.	4.9	8
20	Assessing anesthetic activity through modulation of the membrane dipole potential. <i>Journal of Lipid Research</i> , 2017, 58, 1962-1976.	4.2	5
21	Dynamic changes in cell size and corresponding cell fate after optic nerve injury. <i>Scientific Reports</i> , 2020, 10, 21683.	3.3	5
22	Interactions of marine-derived δ^3 -pyrone natural products with phospholipid membranes. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 14489.	2.8	4
23	A Fair Assessment of Evaluation Tools for the Murine Microbead Occlusion Model of Glaucoma. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5633.	4.1	3