

# Brian S Mckay

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3781033/publications.pdf>

Version: 2024-02-01

20  
papers

837  
citations

623734

14  
h-index

839539

18  
g-index

20  
all docs

20  
docs citations

20  
times ranked

1125  
citing authors

#	ARTICLE	IF	CITATIONS
1	L-DOPA Is an Endogenous Ligand for OA1. <i>PLoS Biology</i> , 2008, 6, e236.	5.6	155
2	Aquaporin-1 Channels in Human Retinal Pigment Epithelium: Role in Transepithelial Water Movement. , 2003, 44, 2803.		129
3	Extracellular Trafficking of Myocilin in Human Trabecular Meshwork Cells. <i>Journal of Biological Chemistry</i> , 2005, 280, 28917-28926.	3.4	89
4	Mining Retrospective Data for Virtual Prospective Drug Repurposing: L-DOPA and Age-related Macular Degeneration. <i>American Journal of Medicine</i> , 2016, 129, 292-298.	1.5	66
5	Cell-Cell Adhesion Molecules and the Development of an Epithelial Phenotype in Cultured Human Retinal Pigment Epithelial Cells. <i>Experimental Eye Research</i> , 1997, 65, 661-671.	2.6	61
6	Controlled exosome release from the retinal pigment epithelium in situ. <i>Experimental Eye Research</i> , 2014, 129, 1-4.	2.6	40
7	Retinal pigment epithelial cell transplantation could provide trophic support in Parkinson's disease: Results from an in vitro model system. <i>Experimental Neurology</i> , 2006, 201, 234-243.	4.1	39
8	Ca <sup>++</sup> -switch induction of RPE differentiation. <i>Experimental Eye Research</i> , 2006, 82, 648-656.	2.6	34
9	PEDF and VEGF-A Output from Human Retinal Pigment Epithelial Cells Grown on Novel Microcarriers. <i>Journal of Biomedicine and Biotechnology</i> , 2012, 2012, 1-8.	3.0	33
10	Liquefaction of the Brain following Stroke Shares a Similar Molecular and Morphological Profile with Atherosclerosis and Mediates Secondary Neurodegeneration in an Osteopontin-Dependent Mechanism. <i>ENeuro</i> , 2018, 5, ENEURO.0076-18.2018.	1.9	33
11	Pigmentation and vision: Is GPR143 in control?. <i>Journal of Neuroscience Research</i> , 2019, 97, 77-87.	2.9	27
12	Does levodopa improve vision in albinism? Results of a randomized, controlled clinical trial. <i>Clinical and Experimental Ophthalmology</i> , 2014, 42, 713-721.	2.6	26
13	Alzheimer's associated amyloid and tau deposition co-localizes with a homeostatic myelin repair pathway in two mouse models of post-stroke mixed dementia. <i>Acta Neuropathologica Communications</i> , 2018, 6, 100.	5.2	26
14	Levodopa Positively Affects Neovascular Age-Related Macular Degeneration. <i>American Journal of Medicine</i> , 2021, 134, 122-128.e3.	1.5	20
15	A Role for Myocilin in Receptor-Mediated Endocytosis. <i>PLoS ONE</i> , 2013, 8, e82301.	2.5	16
16	Myocilin, a Component of a Membrane-Associated Protein Complex Driven by a Homologous Q-SNARE Domain. <i>Biochemistry</i> , 2012, 51, 3606-3613.	2.5	14
17	Pigmentation and Macular Degeneration: Is There a Role for GPR143?. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2016, 32, 3-4.	1.4	9
18	A G-Protein Coupled Receptor and Macular Degeneration. <i>Cells</i> , 2020, 9, 910.	4.1	9

#	ARTICLE	IF	CITATIONS
19	GPR143 Signaling and Retinal Degeneration. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1185, 15-19.	1.6	9
20	Comment on "Identification of Novel G Protein-Coupled Receptor 143 Ligands as Pharmacologic Tools for Investigating X-Linked Ocular Albinism", 2017, 58, 4733.		2