Peter M J Quinn

List of Publications by Year
in descending order

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23 papers	745 citations	687335 13 h-index	642715 23 g-index
24 all docs	24 docs citations	24 times ranked	719 citing authors

#	Article	IF	Citations
1	PINK1/PARKIN signalling in neurodegeneration and neuroinflammation. Acta Neuropathologica Communications, 2020, 8, 189.	5.2	204
2	Human iPSC-Derived Retinas Recapitulate the Fetal CRB1 CRB2 Complex Formation and Demonstrate that Photoreceptors and MÃ¼ller Glia Are Targets of AAV5. Stem Cell Reports, 2019, 12, 906-919.	4.8	75
3	Gene therapy into photoreceptors and MÃ¼ller glial cells restores retinal structure and function in CRB1 retinitis pigmentosa mouse models. Human Molecular Genetics, 2015, 24, 3104-3118.	2.9	65
4	Targeted Ablation of Crb1 and Crb2 in Retinal Progenitor Cells Mimics Leber Congenital Amaurosis. PLoS Genetics, 2013, 9, e1003976.	3.5	64
5	Organoids and organ chips in ophthalmology. Ocular Surface, 2021, 19, 1-15.	4.4	45
6	The CRB1 Complex: Following the Trail of Crumbs to a Feasible Gene Therapy Strategy. Frontiers in Neuroscience, 2017, 11, 175.	2.8	43
7	Role of Oxidative Stress in Ocular Diseases Associated with Retinal Ganglion Cells Degeneration. Antioxidants, 2021, 10, 1948.	5.1	34
8	Loss of CRB2 in MÃ¼ller glial cells modifies a CRB1-associated retinitis pigmentosa phenotype into a Leber congenital amaurosis phenotype. Human Molecular Genetics, 2019, 28, 105-123.	2.9	29
9	CRB2 in immature photoreceptors determines the superior-inferior symmetry of the developing retina to maintain retinal structure and function. Human Molecular Genetics, 2018, 27, 3137-3153.	2.9	26
10	Retinogenesis of the Human Fetal Retina: An Apical Polarity Perspective. Genes, 2019, 10, 987.	2.4	24
11	The Role of Small Molecules and Their Effect on the Molecular Mechanisms of Early Retinal Organoid Development. International Journal of Molecular Sciences, 2021, 22, 7081.	4.1	23
12	Phase transition specified by a binary code patterns the vertebrate eye cup. Science Advances, 2021, 7, eabj9846.	10.3	19
13	Production of iPS-Derived Human Retinal Organoids for Use in Transgene Expression Assays. Methods in Molecular Biology, 2018, 1715, 261-273.	0.9	17
14	Prime Editing for Inherited Retinal Diseases. Frontiers in Genome Editing, 2021, 3, 775330.	5.2	17
15	CRISPR genome surgery in a novel humanized model for autosomal dominant retinitis pigmentosa. Molecular Therapy, 2022, 30, 1407-1420.	8.2	16
16	Precision metabolome reprogramming for imprecision therapeutics in retinitis pigmentosa. Journal of Clinical Investigation, 2020, 130, 3971-3973.	8.2	11
17	Impaired cholesterol efflux in retinal pigment epithelium of individuals with juvenile macular degeneration. American Journal of Human Genetics, 2021, 108, 903-918.	6.2	10
18	Defining Phenotype, Tropism, and Retinal Gene Therapy Using Adeno-Associated Viral Vectors (AAVs) in New-Born Brown Norway Rats with a Spontaneous Mutation in Crb1. International Journal of Molecular Sciences, 2021, 22, 3563.	4.1	9

#	Article	IF	Citations
19	CRISPR/Cas therapeutic strategies for autosomal dominant disorders. Journal of Clinical Investigation, 2022, 132, .	8.2	8
20	Mouse Models of Achromatopsia in Addressing Temporal â€œPoint of No Returnâ€•in Gene-Therapy. International Journal of Molecular Sciences, 2021, 22, 8069.	4.1	2
21	NTPDase2 as a Surface Marker to Isolate Flow Cytometrically a Mï¿½ller Glial Cell Enriched Population from Dissociated Neural Retinae. Journal of Neuroscience and Neurosurgery, 2018, 1, .	0.1	2
22	Overcoming translational barriers in modeling macular degenerations. Cell Stem Cell, 2021, 28, 781-783.	11.1	1
23	Transplantation of NTPDase2-positive Sorted Mï¿½ller Glial Cells into the Mouse Retina. Journal of Neuroscience and Neurosurgery, 2018, 1, .	0.1	1