Karen Sophia Park

List of Publications by Citations

35	887	15	29
papers	citations	h-index	g-index
36	**1,051**	**5.9**	**4.4**
ext. papers	ext. citations	avg, IF	L-index

#	Paper	IF	Citations
35	Unexpected mutations after CRISPR-Cas9 editing in vivo. *Nature Methods*, **2017**, 14, 547-548	21.6	233
34	Multimodal Imaging of Central Retinal Disease Progression in a 2-Year Mean Follow-up of Retinitis Pigmentosa. *American Journal of Ophthalmology*, **2015**, 160, 786-98.e4	4.9	67
33	Clustered Regularly Interspaced Short Palindromic Repeats-Based Genome Surgery for the Treatment of Autosomal Dominant Retinitis Pigmentosa. *Ophthalmology*, **2018**, 125, 1421-1430	7.3	65
32	Gene and cell-based therapies for inherited retinal disorders: An update. *American Journal of Medical Genetics, Part C: Seminars in Medical Genetics*, **2016**, 172, 349-366	3.1	50
31	Halting progressive neurodegeneration in advanced retinitis pigmentosa. *Journal of Clinical Investigation*, **2015**, 125, 3704-13	15.9	49
30	Measurement and Reproducibility of Preserved Ellipsoid Zone Area and Preserved Retinal Pigment Epithelium Area in Eyes With Choroideremia. *American Journal of Ophthalmology*, **2017**, 179, 110-117	4.9	43
29	Gene therapy in inherited retinal degenerative diseases, a review. *Ophthalmic Genetics*, **2018**, 39, 560-568	1.2	42
28	Retrospective Analysis of Structural Disease Progression in Retinitis Pigmentosa Utilizing Multimodal Imaging. *Scientific Reports*, **2017**, 7, 10347	4.9	39
27	Alternative direct stem cell derivatives defined by stem cell location and graded Wnt signalling. *Nature Cell Biology*, **2017**, 19, 433-444	23.4	34
26	BEST1: the Best Target for Gene and Cell Therapies. *Molecular Therapy*, **2015**, 23, 1805-9	11.7	34
25	Correction of Monogenic and Common Retinal Disorders with Gene Therapy. *Genes*, **2017**, 8,	4.2	29
24	CRISPR applications in ophthalmologic genome surgery. *Current Opinion in Ophthalmology*, **2017**, 28, 252-259	5.1	20
23	Emerging Treatments for Retinitis Pigmentosa: Genes and stem cells, as well as new electronic and medical therapies, are gaining ground **2015**, 12, 52-70		17
22	Two-year progression analysis of RPE65 autosomal dominant retinitis pigmentosa. *Ophthalmic Genetics*, **2018**, 39, 544-549	1.2	16
21	Translation of CRISPR Genome Surgery to the Bedside for Retinal Diseases. *Frontiers in Cell and Developmental Biology*, **2018**, 6, 46	5.7	15
20	Quantitative Comparison of Near-infrared Versus Short-wave Autofluorescence Imaging in Monitoring Progression of Retinitis Pigmentosa. *American Journal of Ophthalmology*, **2018**, 194, 120-125	4.9	13
19	Multimodal structural disease progression of retinitis pigmentosa according to mode of inheritance. *Scientific Reports*, **2019**, 9, 10712	4.9	13

18	CRISPR-Cas Genome Surgery in Ophthalmology. *Translational Vision Science and Technology*, **2017**, 6, 13	3.3	12
17	Reprogramming the metabolome rescues retinal degeneration. *Cellular and Molecular Life Sciences*, **2018**, 75, 1559-1566	10.3	11
16	Caring for Hereditary Childhood Retinal Blindness. *Asia-Pacific Journal of Ophthalmology*, **2018**, 7, 183-191	3.5	11
15	CRISPR-mediated Ophthalmic Genome Surgery. *Current Ophthalmology Reports*, **2017**, 5, 199-206	1.8	10
14	Genetic Rescue Reverses Microglial Activation in Preclinical Models of Retinitis Pigmentosa. *Molecular Therapy*, **2018**, 26, 1953-1964	11.7	10
13	CRISPR GENOME SURGERY IN THE RETINA IN LIGHT OF OFF-TARGETING. *Retina*, **2018**, 38, 1443-1455	3.6	9
12	Phenotypic expansion of autosomal dominant retinitis pigmentosa associated with the D477G mutation in. *Journal of Physical Education and Sports Management*, **2020**, 6,	2.8	7
11	CRISPR/Cas9 genome surgery for retinal diseases. *Drug Discovery Today: Technologies*, **2018**, 28, 23-32	7.1	7
10	Multimodal characterization of a novel mutation causing vitamin B6-responsive gyrate atrophy. *Ophthalmic Genetics*, **2018**, 39, 512-516	1.2	7
9	Compound heterozygous novel frameshift variants in the gene result in Leber congenital amaurosis. *Journal of Physical Education and Sports Management*, **2019**, 5,	2.8	4
8	Attenuation of Inherited and Acquired Retinal Degeneration Progression with Gene-based Techniques. *Molecular Diagnosis and Therapy*, **2019**, 23, 113-120	4.5	4
7	Therapeutic Window for Phosphodiesterase 6-Related Retinitis Pigmentosa. *JAMA Ophthalmology*, **2019**, 137, 679-680	3.9	3
6	Dissection and Staining of Drosophila Pupal Ovaries. *Journal of Visualized Experiments*, **2018**,	1.6	3
5	CRISPR in the Retina: Evaluation of Future Potential. *Advances in Experimental Medicine and Biology*, **2017**, 1016, 147-155	3.6	3
4	Comparative Analysis of Functional and Structural Decline in Retinitis Pigmentosas. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	2
3	Novel mutations in the 3-box motif of the BACK domain of KLHL7 associated with nonsyndromic autosomal dominant retinitis pigmentosa. *Orphanet Journal of Rare Diseases*, **2019**, 14, 295	4.2	2
2	Deferoxamine-induced electronegative ERG responses. *Documenta Ophthalmologica*, **2018**, 137, 15-23	2.2	2
1	Adult stem cells and niche cells segregate gradually from common precursors that build the adult ovary during pupal development. *ELife*, **2021**, 10,	8.9	1