

J-A Sahel

List of Publications by Year in descending order

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Version: 2024-02-01

549
papers

29,336
citations

8208

78
h-index

12940

136
g-index

604
all docs

604
docs citations

604
times ranked

27381
citing authors

#	ARTICLE	IF	CITATIONS
1	Increased LCN2 (lipocalin 2) in the RPE decreases autophagy and activates inflammasome-ferroptosis processes in a mouse model of dry AMD. <i>Autophagy</i> , 2023, 19, 92-111.	4.3	41
2	Review of the Current Literature and Our Experience on the Value of OCT-angiography in White Dot Syndromes. <i>Ocular Immunology and Inflammation</i> , 2022, 30, 364-378.	1.0	9
3	Natural history of patients with Leber hereditary optic neuropathy—results from the REALITY study. <i>Eye</i> , 2022, 36, 818-826.	1.1	37
4	Early and late stage gene therapy interventions for inherited retinal degenerations. <i>Progress in Retinal and Eye Research</i> , 2022, 86, 100975.	7.3	85
5	Choriocapillaris: Fundamentals and advancements. <i>Progress in Retinal and Eye Research</i> , 2022, 87, 100997.	7.3	56
6	Near infrared autofluorescence imaging of retinal pigmented epithelial cells using 663-nm excitation. <i>Eye</i> , 2022, 36, 1878-1883.	1.1	2
7	Clinical Features and Multimodal Imaging in Atypical Posterior Uveitis Secondary to <i>Bartonella Henselae</i> Infection. <i>Ocular Immunology and Inflammation</i> , 2022, 30, 2047-2054.	1.0	1
8	Design of a radial multi-offset detection pattern for in vivo phase contrast imaging of the inner retina in humans. <i>Biomedical Optics Express</i> , 2022, 13, 117.	1.5	11
9	Simultaneous perception of prosthetic and natural vision in AMD patients. <i>Nature Communications</i> , 2022, 13, 513.	5.8	60
10	Planar polarity in primate cone photoreceptors: a potential role in Stiles Crawford effect phototropism. <i>Communications Biology</i> , 2022, 5, 89.	2.0	11
11	Indocyanine Green Angiography Features in Acute Syphilitic Posterior Placoid Chorioretinitis. <i>American Journal of Ophthalmology</i> , 2022, 241, 40-46.	1.7	4
12	Evaluation of neuroprotective and immunomodulatory properties of mesenchymal stem cells in an ex vivo retinal explant model. <i>Journal of Neuroinflammation</i> , 2022, 19, 63.	3.1	11
13	Three-Year Safety Results of SAR422459 (EIAV-ABCA4) Gene Therapy in Patients With ABCA4-Associated Stargardt Disease: An Open-Label Dose-Escalation Phase I/IIa Clinical Trial, Cohorts 1&5. <i>American Journal of Ophthalmology</i> , 2022, 240, 285-301.	1.7	24
14	Driving behaviour and visual compensation in glaucoma patients: Evaluation on a driving simulator. <i>Clinical and Experimental Ophthalmology</i> , 2022, , .	1.3	1
15	Pathology of the Retina and Vitreous. , 2022, , 6315-6379.		0
16	Macular Dystrophies. , 2022, , 3967-3995.		0
17	New Editing Tools for Gene Therapy in Inherited Retinal Dystrophies. <i>CRISPR Journal</i> , 2022, 5, 377-388.	1.4	9
18	Retinal Phenotype of Patients with <i>CLRN1</i> -Associated Usher 3A Syndrome in French Light4Deaf Cohort. , 2022, 63, 25.		0

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19	Large Benefit from Simple Things: High-Dose Vitamin A Improves RBP4-Related Retinal Dystrophy. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6590.	1.8	4
20	Dynamic full-field optical coherence tomography allows live imaging of retinal pigment epithelium stress model. <i>Communications Biology</i> , 2022, 5, .	2.0	10
21	Absence of lenadogene nolparvovec DNA in a brain tumor biopsy from a patient in the REVERSE clinical study, a case report. <i>BMC Neurology</i> , 2022, 22, .	0.8	4
22	Quality of Evidence in Ophthalmology: An Overview of Cochrane Reviews. <i>Ophthalmology</i> , 2021, 128, 330-332.	2.5	5
23	<sc><i>WDR34</i></sc>, a candidate gene for nonÊsyndromic rodÊne dystrophy. <i>Clinical Genetics</i> , 2021, 99, 298-302.	1.0	7
24	Role of glia in optic nerve. <i>Progress in Retinal and Eye Research</i> , 2021, 81, 100886.	7.3	23
25	Gene Therapies for the Treatment of Leber Hereditary Optic Neuropathy. <i>International Ophthalmology Clinics</i> , 2021, 61, 195-208.	0.3	14
26	Macular Dystrophies. , 2021, , 1-29.		0
27	Delivery of Genetic Information: Viral Vector and Nonviral Vector Gene Therapies. <i>International Ophthalmology Clinics</i> , 2021, 61, 35-57.	0.3	3
28	Near-infrared fundus autofluorescence alterations correlate with swept-source optical coherence tomography angiography findings in patients with retinitis pigmentosa. <i>Scientific Reports</i> , 2021, 11, 3180.	1.6	7
29	Safety of Intravitreal Gene Therapy for Treatment of Subjects with Leber Hereditary Optic Neuropathy due to Mutations in the Mitochondrial ND4 Gene: The REVEAL Study. <i>BioDrugs</i> , 2021, 35, 201-214.	2.2	25
30	<i>CHM</i> mutation spectrum and disease: An update at the time of human therapeutic trials. <i>Human Mutation</i> , 2021, 42, 323-341.	1.1	8
31	Of fluid and tubes. <i>Journal Francais D'Ophthalmologie</i> , 2021, 44, 277-278.	0.2	0
32	Î²A1-crystallin regulates glucose metabolism and mitochondrial function in mouse retinal astrocytes by modulating PTP1B activity. <i>Communications Biology</i> , 2021, 4, 248.	2.0	10
33	Retinal Phenotype of Patients With Isolated Retinal Degeneration Due to <i>CLN3</i> Pathogenic Variants in a French Retinitis Pigmentosa Cohort. <i>JAMA Ophthalmology</i> , 2021, 139, 278.	1.4	21
34	Cone-Enriched Cultures from the Retina of Chicken Embryos to Study Rod to Cone Cellular Interactions. <i>Journal of Visualized Experiments</i> , 2021, , .	0.2	2
35	Control of Microbial Opsin Expression in Stem Cell Derived Cones for Improved Outcomes in Cell Therapy. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 648210.	1.8	10
36	Restoration of mGluR6 Localization Following AAV-Mediated Delivery in a Mouse Model of Congenital Stationary Night Blindness. , 2021, 62, 24.		10

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37	Reproducing diabetic retinopathy features using newly developed human induced pluripotent stem cell-derived retinal Müller glial cells. <i>Glia</i> , 2021, 69, 1679-1693.	2.5	11
38	A New Mouse Model for Complete Congenital Stationary Night Blindness Due to Gpr179 Deficiency. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4424.	1.8	3
39	DEEP PHENOTYPING AND FURTHER INSIGHTS INTO ITM2B-RELATED RETINAL DYSTROPHY. <i>Retina</i> , 2021, 41, 872-881.	1.0	2
40	Tackling the Challenges of Product Development Through a Collaborative Rare Disease Network: The Foundation Fighting Blindness Consortium. <i>Translational Vision Science and Technology</i> , 2021, 10, 23.	1.1	3
41	Efficacy and Safety of Intravitreal Gene Therapy for Leber Hereditary Optic Neuropathy Treated within 6 Months of Disease Onset. <i>Ophthalmology</i> , 2021, 128, 649-660.	2.5	87
42	Partial recovery of visual function in a blind patient after optogenetic therapy. <i>Nature Medicine</i> , 2021, 27, 1223-1229.	15.2	335
43	Intravitreal Gene Therapy vs. Natural History in Patients With Leber Hereditary Optic Neuropathy Carrying the m.11778G>A ND4 Mutation: Systematic Review and Indirect Comparison. <i>Frontiers in Neurology</i> , 2021, 12, 662838.	1.1	42
44	CNGB1-related rod-cone dystrophy: A mutation review and update. <i>Human Mutation</i> , 2021, 42, 641-666.	1.1	16
45	Mobile brain/body imaging of landmark-based navigation with high-density EEG. <i>European Journal of Neuroscience</i> , 2021, 54, 8256-8282.	1.2	28
46	Functional ultrasound imaging of the spreading activity following optogenetic stimulation of the rat visual cortex. <i>Scientific Reports</i> , 2021, 11, 12603.	1.6	11
47	Novel TLL5 Variants Associated with Cone-Rod Dystrophy and Early-Onset Severe Retinal Dystrophy. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6410.	1.8	9
48	Mutated CCDC51 Coding for a Mitochondrial Protein, MITOK Is a Candidate Gene Defect for Autosomal Recessive Rod-Cone Dystrophy. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7875.	1.8	3
49	Î²A3/A1-crystallin regulates apical polarity and EGFR endocytosis in retinal pigmented epithelial cells. <i>Communications Biology</i> , 2021, 4, 850.	2.0	13
50	Cystoid maculopathy is a frequent feature of Cohen syndrome-associated retinopathy. <i>Scientific Reports</i> , 2021, 11, 16412.	1.6	7
51	Characteristics of Retinitis Pigmentosa Associated with ADGRV1 and Comparison with USH2A in Patients from a Multicentric Usher Syndrome Study Treatrush. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10352.	1.8	3
52	A2E-induced inflammation and angiogenesis in RPE cells in vitro are modulated by PPAR-Î±, -Î², and RXR antagonists and by norbixin. <i>Aging</i> , 2021, 13, 22040-22058.	1.4	12
53	Substantial restoration of night vision in adult mice with congenital stationary night blindness. <i>Molecular Therapy - Methods and Clinical Development</i> , 2021, 22, 15-25.	1.8	10
54	Glare and Mobility Performance in Glaucoma. <i>Journal of Glaucoma</i> , 2021, Publish Ahead of Print, 963-970.	0.8	2

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55	Assessing Photoreceptor Status in Retinal Dystrophies: From High-Resolution Imaging to Functional Vision. <i>American Journal of Ophthalmology</i> , 2021, 230, 12-47.	1.7	19
56	BNIP3L-mediated mitophagy is required for mitochondrial remodeling during the differentiation of optic nerve oligodendrocytes. <i>Autophagy</i> , 2021, 17, 3140-3159.	4.3	37
57	A Splice Variant in SLC16A8 Gene Leads to Lactate Transport Deficit in Human iPS Cell-Derived Retinal Pigment Epithelial Cells. <i>Cells</i> , 2021, 10, 179.	1.8	12
58	Optogenetic therapy: high spatiotemporal resolution and pattern discrimination compatible with vision restoration in non-human primates. <i>Communications Biology</i> , 2021, 4, 125.	2.0	65
59	Long-Term Follow-Up After Unilateral Intravitreal Gene Therapy for Leber Hereditary Optic Neuropathy: The RESTORE Study. <i>Journal of Neuro-Ophthalmology</i> , 2021, 41, 309-315.	0.4	30
60	Improved performance and safety from Argus II retinal prosthesis post-approval study in France. <i>Acta Ophthalmologica</i> , 2021, 99, e1212-e1221.	0.6	8
61	Association of Smoking, Alcohol Consumption, Blood Pressure, Body Mass Index, and Glycemic Risk Factors With Age-Related Macular Degeneration. <i>JAMA Ophthalmology</i> , 2021, 139, 1299.	1.4	29
62	The metabolic signaling of the nucleoredoxin-like 2 gene supports brain function. <i>Redox Biology</i> , 2021, 48, 102198.	3.9	7
63	A New Method for Visualizing Drusen and Their Progression in Flood-Illumination Adaptive Optics Ophthalmoscopy. <i>Translational Vision Science and Technology</i> , 2021, 10, 19.	1.1	9
64	Age-related preference for geometric spatial cues during real-world navigation. <i>Nature Human Behaviour</i> , 2020, 4, 88-99.	6.2	44
65	High-Resolution Imaging of Retinal Vasculitis by Flood Illumination Adaptive Optics Ophthalmoscopy: A Follow-up Study. <i>Ocular Immunology and Inflammation</i> , 2020, 28, 1171-1180.	1.0	6
66	PHENOTYPIC CHARACTERISTICS OF ROD-CONE DYSTROPHY ASSOCIATED WITH MYO7A MUTATIONS IN A LARGE FRENCH COHORT. <i>Retina</i> , 2020, 40, 1603-1615.	1.0	16
67	Clinical-grade production and safe delivery of human ESC derived RPE sheets in primates and rodents. <i>Biomaterials</i> , 2020, 230, 119603.	5.7	21
68	IL-1 β induces rod degeneration through the disruption of retinal glutamate homeostasis. <i>Journal of Neuroinflammation</i> , 2020, 17, 1.	3.1	172
69	Behavioural responses to a photovoltaic subretinal prosthesis implanted in non-human primates. <i>Nature Biomedical Engineering</i> , 2020, 4, 172-180.	11.6	55
70	Correlations Between Subjective Evaluation of Quality of Life, Visual Field Loss, and Performance in Simulated Activities of Daily Living in Glaucoma Patients. <i>Journal of Glaucoma</i> , 2020, 29, 970-974.	0.8	18
71	Topical treatment with a mu opioid receptor agonist alleviates corneal allodynia and corneal nerve sensitization in mice. <i>Biomedicine and Pharmacotherapy</i> , 2020, 132, 110794.	2.5	12
72	The 10q26 Risk Haplotype of Age-Related Macular Degeneration Aggravates Subretinal Inflammation by Impairing Monocyte Elimination. <i>Immunity</i> , 2020, 53, 429-441.e8.	6.6	47

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73	ATTENUATION OUTER RETINAL BANDS ON OPTICAL COHERENCE TOMOGRAPHY FOLLOWING MACULAR EDEMA. <i>Retina</i> , 2020, 40, 2232-2239.	1.0	3
74	Insulin inhibits inflammation-induced cone death in retinal detachment. <i>Journal of Neuroinflammation</i> , 2020, 17, 358.	3.1	9
75	Towards optogenetic vision restoration with high resolution. <i>PLoS Computational Biology</i> , 2020, 16, e1007857.	1.5	20
76	VEGF is an autocrine/paracrine neuroprotective factor for injured retinal ganglion neurons. <i>Scientific Reports</i> , 2020, 10, 12409.	1.6	48
77	Generation of a Transplantable Population of Human iPSC-Derived Retinal Ganglion Cells. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 585675.	1.8	30
78	Phototoxic damage to cone photoreceptors can be independent of the visual pigment: the porphyrin hypothesis. <i>Cell Death and Disease</i> , 2020, 11, 711.	2.7	16
79	Dynamic full-field optical coherence tomography: 3D live-imaging of retinal organoids. <i>Light: Science and Applications</i> , 2020, 9, 140.	7.7	71
80	Bilateral visual improvement with unilateral gene therapy injection for Leber hereditary optic neuropathy. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	128
81	Ophthalmology Practice During the Coronavirus Disease 2019 Pandemic: The University of Pittsburgh Experience in Promoting Clinic Safety and Embracing Video Visits. <i>Ophthalmology and Therapy</i> , 2020, 9, 1-9.	1.0	53
82	Microstructure of the retinal pigment epithelium near-infrared autofluorescence in healthy young eyes and in patients with AMD. <i>Scientific Reports</i> , 2020, 10, 9561.	1.6	19
83	Incorporating Video Visits into Ophthalmology Practice: A Retrospective Analysis and Patient Survey to Assess Initial Experiences and Patient Acceptability at an Academic Eye Center. <i>Ophthalmology and Therapy</i> , 2020, 9, 549-562.	1.0	24
84	Functional ultrasound imaging of deep visual cortex in awake nonhuman primates. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 14453-14463.	3.3	44
85	Metabolic and Redox Signaling of the Nucleoredoxin-Like-1 Gene for the Treatment of Genetic Retinal Diseases. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1625.	1.8	20
86	Faster Sensitivity Loss around Dense Scotomas than for Overall Macular Sensitivity in Stargardt Disease: ProgStar Report No. 14. <i>American Journal of Ophthalmology</i> , 2020, 216, 219-225.	1.7	20
87	AAV-Mediated Gene Delivery to 3D Retinal Organoids Derived from Human Induced Pluripotent Stem Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 994.	1.8	51
88	Opsins for vision restoration. <i>Biochemical and Biophysical Research Communications</i> , 2020, 527, 325-330.	1.0	22
89	Identification and characterization of novel TRPM1 autoantibodies from serum of patients with melanoma-associated retinopathy. <i>PLoS ONE</i> , 2020, 15, e0231750.	1.1	12
90	Baseline Visual Field Findings in the RUSH2A Study: Associated Factors and Correlation With Other Measures of Disease Severity. <i>American Journal of Ophthalmology</i> , 2020, 219, 87-100.	1.7	22

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91	Systemic administration of the di-apocarotenoid norbixin (BIO201) is neuroprotective, preserves photoreceptor function and inhibits A2E and lipofuscin accumulation in animal models of age-related macular degeneration and Stargardt disease. <i>Aging</i> , 2020, 12, 6151-6171.	1.4	9
92	Pathology of the Retina and Vitreous. , 2020, , 1-66.		0
93	AAV-Mediated Gene to Foveal Cones. <i>Methods in Molecular Biology</i> , 2020, 2173, 101-112.	0.4	5
94	Curved-field optical coherence tomography: large-field imaging of human corneal cells and nerves. <i>Optica</i> , 2020, 7, 872.	4.8	19
95	Towards optogenetic vision restoration with high resolution. , 2020, 16, e1007857.		0
96	Towards optogenetic vision restoration with high resolution. , 2020, 16, e1007857.		0
97	Towards optogenetic vision restoration with high resolution. , 2020, 16, e1007857.		0
98	Towards optogenetic vision restoration with high resolution. , 2020, 16, e1007857.		0
99	Towards optogenetic vision restoration with high resolution. , 2020, 16, e1007857.		0
100	Towards optogenetic vision restoration with high resolution. , 2020, 16, e1007857.		0
101	Detailed genetic characteristics of an international large cohort of patients with Stargardt disease: ProgStar study report 8. <i>British Journal of Ophthalmology</i> , 2019, 103, 390-397.	2.1	45
102	Scotopic Microperimetric Assessment of Rod Function in Stargardt Disease (SMART) Study: Design and Baseline Characteristics (Report No. 1). <i>Ophthalmic Research</i> , 2019, 61, 36-43.	1.0	26
103	A Comparison of the Dexamethasone Implant (Ozurdex®) and Inferior Fornix-Based Sub-Tenon Triamcinolone Acetonide for Treatment of Inflammatory Ocular Diseases. <i>Ocular Immunology and Inflammation</i> , 2019, 27, 319-329.	1.0	9
104	Progression of Stargardt Disease as Determined by Fundus Autofluorescence Over a 12-Month Period. <i>JAMA Ophthalmology</i> , 2019, 137, 1134.	1.4	57
105	Full-field electroretinography, visual acuity and visual fields in Usher syndrome: a multicentre European study. <i>Documenta Ophthalmologica</i> , 2019, 139, 151-160.	1.0	7
106	Odysight: A Mobile Medical Application Designed for Remote Monitoringâ€”A Prospective Study Comparison with Standard Clinical Eye Tests. <i>Ophthalmology and Therapy</i> , 2019, 8, 461-476.	1.0	24
107	Mo-derived perivascular macrophage recruitment protects against endothelial cell death in retinal vein occlusion. <i>Journal of Neuroinflammation</i> , 2019, 16, 157.	3.1	18
108	Prevalence of ABCA4 Deep-Intronic Variants and Related Phenotype in An Unsolved â€œOne-Hitâ€ Cohort with Stargardt Disease. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5053.	1.8	26

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109	Outer Retinal Alterations Associated With Visual Outcomes in Best Vitelliform Macular Dystrophy. <i>American Journal of Ophthalmology</i> , 2019, 208, 429-437.	1.7	14
110	Ocular injuries caused by less-lethal weapons in France. <i>Lancet, The</i> , 2019, 394, 1616-1617.	6.3	14
111	Phenotype Analysis of Retinal Dystrophies in Light of the Underlying Genetic Defects: Application to Cone and Cone-Rod Dystrophies. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4854.	1.8	20
112	Restoration of visual function by transplantation of optogenetically engineered photoreceptors. <i>Nature Communications</i> , 2019, 10, 4524.	5.8	92
113	Depicting brighter possibilities for treating blindness. <i>Science Translational Medicine</i> , 2019, 11, .	5.8	24
114	Longitudinal Clinical Follow-up and Genetic Spectrum of Patients With Rod-Cone Dystrophy Associated With Mutations in <i>PDE6A</i> and <i>PDE6B</i> . <i>JAMA Ophthalmology</i> , 2019, 137, 669.	1.4	32
115	Where are the missing gene defects in inherited retinal disorders? Intronic and synonymous variants contribute at least to 4% of <i>CACNA1F</i> -mediated inherited retinal disorders. <i>Human Mutation</i> , 2019, 40, 765-787.	1.1	24
116	Functional ultrasound imaging of the brain reveals propagation of task-related brain activity in behaving primates. <i>Nature Communications</i> , 2019, 10, 1400.	5.8	90
117	A Mathematical Analysis of Aerobic Glycolysis Triggered by Glucose Uptake in Cones. <i>Scientific Reports</i> , 2019, 9, 4162.	1.6	18
118	The development of white matter structural changes during the process of deterioration of the visual field. <i>Scientific Reports</i> , 2019, 9, 2085.	1.6	12
119	Probing dynamic processes in the eye at multiple spatial and temporal scales with multimodal full field OCT. <i>Biomedical Optics Express</i> , 2019, 10, 731.	1.5	34
120	Generation of human induced pluripotent stem cell lines from a patient with ITM2B-related retinal dystrophy and a non mutated brother. <i>Stem Cell Research</i> , 2019, 41, 101625.	0.3	4
121	The primate model for understanding and restoring vision. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 26280-26287.	3.3	73
122	Six-Month Safety and Efficacy of the Intelligent Retinal Implant System II Device in Retinitis Pigmentosa. <i>Ophthalmology</i> , 2019, 126, 637-639.	2.5	31
123	Effects of corneal injury on ciliary nerve fibre activity and corneal nociception in mice: A behavioural and electrophysiological study. <i>European Journal of Pain</i> , 2019, 23, 589-602.	1.4	22
124	Whole exome sequencing resolves complex phenotype and identifies <i>CC2D2A</i> mutations underlying non-syndromic rod-cone dystrophy. <i>Clinical Genetics</i> , 2019, 95, 329-333.	1.0	19
125	AUTOSOMAL DOMINANT VITREORETINOCHOROIDOPATHY. <i>Retina</i> , 2019, 39, 867-878.	1.0	6
126	Choroidal vasculature imaging with laser Doppler holography. <i>Biomedical Optics Express</i> , 2019, 10, 995.	1.5	27

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127	Waveform analysis of human retinal and choroidal blood flow with laser Doppler holography. <i>Biomedical Optics Express</i> , 2019, 10, 4942.	1.5	18
128	CD36 Deficiency Inhibits Retinal Inflammation and Retinal Degeneration in Cx3cr1 Knockout Mice. <i>Frontiers in Immunology</i> , 2019, 10, 3032.	2.2	9
129	Comparative Biochemical Outcomes, Effectiveness and Tolerance of Densiron 68 and Oxane HD for the Management of Complicated Retinal Detachment. <i>Türk Oftalmoloji Dergisi</i> , 2019, 49, 334-341.	0.4	6
130	Visual restoration by an infrared photovoltaic implant and by optogenetic therapy: validation in non-human primates. <i>Journal of Vision</i> , 2019, 19, 48.	0.1	0
131	Implications of monocular vision for racing drivers. , 2019, 14, e0226308.		0
132	Implications of monocular vision for racing drivers. , 2019, 14, e0226308.		0
133	Implications of monocular vision for racing drivers. , 2019, 14, e0226308.		0
134	Implications of monocular vision for racing drivers. , 2019, 14, e0226308.		0
135	Implications of monocular vision for racing drivers. , 2019, 14, e0226308.		0
136	Implications of monocular vision for racing drivers. , 2019, 14, e0226308.		0
137	Light action spectrum on oxidative stress and mitochondrial damage in A2E-loaded retinal pigment epithelium cells. <i>Cell Death and Disease</i> , 2018, 9, 287.	2.7	92
138	Safety of rAAV2/2-ND4 Gene Therapy for Leber Hereditary Optic Neuropathy. <i>Ophthalmology</i> , 2018, 125, 945-947.	2.5	82
139	A novel nonsense variant in <i>REEP6</i> is involved in a sporadic rod-cone dystrophy case. <i>Clinical Genetics</i> , 2018, 93, 707-711.	1.0	7
140	<i>MERTK</i> mutation update in inherited retinal diseases. <i>Human Mutation</i> , 2018, 39, 887-913.	1.1	41
141	Multimodal imaging including semiquantitative short-wavelength and near-infrared autofluorescence in achromatopsia. <i>Scientific Reports</i> , 2018, 8, 5665.	1.6	10
142	Retinal Prostheses: Other Therapies and Future Directions. <i>Essentials in Ophthalmology</i> , 2018, , 105-125.	0.0	1
143	Adapted Surgical Procedure for Argus II Retinal Implantation: Feasibility, Safety, Efficiency, and Postoperative Anatomic Findings. <i>Ophthalmology Retina</i> , 2018, 2, 276-287.	1.2	20
144	Dietary, environmental, and genetic risk factors of Extensive Macular Atrophy with Pseudodrusen, a severe bilateral macular atrophy of middle-aged patients. <i>Scientific Reports</i> , 2018, 8, 6840.	1.6	12

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145	Chronic exposure to tumor necrosis factor alpha induces retinal pigment epithelium cell dedifferentiation. <i>Journal of Neuroinflammation</i> , 2018, 15, 85.	3.1	25
146	Otx2-Genetically Modified Retinal Pigment Epithelial Cells Rescue Photoreceptors after Transplantation. <i>Molecular Therapy</i> , 2018, 26, 219-237.	3.7	19
147	TREATMENT OF MACULAR FOLDS COMPLICATING RETINAL DETACHMENT SURGERY USING AIR FOR RETINAL UNFOLDING. <i>Retinal Cases and Brief Reports</i> , 2018, 12, 228-230.	0.3	15
148	Noninvasive gene delivery to foveal cones for vision restoration. <i>JCI Insight</i> , 2018, 3, .	2.3	102
149	Correlation Between Visual Function and Performance of Simulated Daily Living Activities in Glaucomatous Patients. <i>Journal of Glaucoma</i> , 2018, 27, 1017-1024.	0.8	24
150	Facing hatred. <i>Science</i> , 2018, 362, 621-621.	6.0	0
151	Optogenetic Light Sensors in Human Retinal Organoids. <i>Frontiers in Neuroscience</i> , 2018, 12, 789.	1.4	48
152	Defined Xeno-free and Feeder-free Culture Conditions for the Generation of Human iPSC-derived Retinal Cell Models. <i>Journal of Visualized Experiments</i> , 2018, , .	0.2	10
153	Translational Retinal Research and Therapies. <i>Translational Vision Science and Technology</i> , 2018, 7, 8.	1.1	11
154	In vivo laser Doppler holography of the human retina. <i>Biomedical Optics Express</i> , 2018, 9, 4113.	1.5	26
155	Visual brain plasticity induced by central and peripheral visual field loss. <i>Brain Structure and Function</i> , 2018, 223, 3473-3485.	1.2	13
156	Restoring vision. <i>Nature</i> , 2018, 557, 359-367.	13.7	108
157	In vivo high resolution human corneal imaging using full-field optical coherence tomography. <i>Biomedical Optics Express</i> , 2018, 9, 557.	1.5	79
158	In vivo high-resolution human retinal imaging with wavefront-correctionless full-field OCT. <i>Optica</i> , 2018, 5, 409.	4.8	37
159	Expanding the Mutation Spectrum in ABCA4: Sixty Novel Disease Causing Variants and Their Associated Phenotype in a Large French Stargardt Cohort. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2196.	1.8	22
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