Kanmin Xue

List of Publications by Year
in descending order

59 papers	2,302 citations	331259 21 h-index	243296 44 g-index
60 all docs	60 docs citations	60 times ranked	2137 citing authors

#	Article	IF	Citations
1	First-in-Human Robot-Assisted Subretinal Drug Delivery Under Local Anesthesia. American Journal of Ophthalmology, 2022, 237, 104-113.	1.7	21
2	Choroideremia and Other Hereditary Conditions Manifesting with Choroidal Atrophy. , 2022, , 3997-4012.		0
3	A deep-learning system predicts glaucoma incidence and progression using retinal photographs. Journal of Clinical Investigation, 2022, 132, .	3.9	35
4	Flying baby optical coherence tomography alters the staging and management of advanced retinopathy of prematurity. Acta Ophthalmologica, 2021, 99, 441-447.	0.6	3
5	Choroideremia and Other Hereditary Conditions Manifesting with Choroidal Atrophy. , 2021, , 1-16.		0
6	Is subretinal AAV gene replacement still the only viable treatment option for choroideremia?. Expert Opinion on Orphan Drugs, 2021, 9, 13-24.	0.5	4
7	CRISPR genome engineering for retinal diseases. Progress in Molecular Biology and Translational Science, 2021, 182, 29-79.	0.9	13
8	Genome-Editing Strategies for Treating Human Retinal Degenerations. Human Gene Therapy, 2021, 32, 247-259.	1.4	23
9	Deep-learning models for the detection and incidence prediction of chronic kidney disease and type 2 diabetes from retinal fundus images. Nature Biomedical Engineering, 2021, 5, 533-545.	11.6	121
10	Interactions between Apolipoprotein E Metabolism and Retinal Inflammation in Age-Related Macular Degeneration. Life, 2021, 11, 635.	1.1	14
11	Safety and Acceptability of a Natural Language Artificial Intelligence Assistant to Deliver Clinical Follow-up to Cataract Surgery Patients: Proposal. JMIR Research Protocols, 2021, 10, e27227.	0.5	6
12	Expression of Rab Prenylation Pathway Genes and Relation to Disease Progression in Choroideremia. Translational Vision Science and Technology, 2021, 10, 12.	1.1	4
13	Characterizing the cellular immune response to subretinal AAV gene therapy in the murine retina. Molecular Therapy - Methods and Clinical Development, 2021, 22, 52-65.	1.8	16
14	Association of Messenger RNA Level With Phenotype in Patients With Choroideremia. JAMA Ophthalmology, 2020, 138, 128.	1.4	15
15	The Impact of Progressive Visual Field Constriction on Reading Ability in an Inherited Retinal Degeneration. Ophthalmologica, 2020, 243, 207-216.	1.0	5
16	Immunomodulatory Effects of Hydroxychloroquine and Chloroquine in Viral Infections and Their Potential Application in Retinal Gene Therapy. International Journal of Molecular Sciences, 2020, 21, 4972.	1.8	24
17	Antisense oligonucleotide therapeutics in clinical trials for the treatment of inherited retinal diseases. Expert Opinion on Investigational Drugs, 2020, 29, 1163-1170.	1.9	44
18	Highest reported visual acuity after electronic retinal implantation. Acta Ophthalmologica, 2020, 98, 736-740.	0.6	17

#	Article	IF	Citations
19	Initial results from a first-in-human gene therapy trial on X-linked retinitis pigmentosa caused by mutations in RPGR. Nature Medicine, 2020, 26, 354-359.	15.2	208
20	Correcting visual loss by genetics and prosthetics. Current Opinion in Physiology, 2020, 16, 1-7.	0.9	3
21	Enhancement of Adeno-Associated Virus-Mediated Gene Therapy Using Hydroxychloroquine in Murine and Human Tissues. Molecular Therapy - Methods and Clinical Development, 2019, 14, 77-89.	1.8	25
22	Current status and future trends of clinical diagnoses via image-based deep learning. Theranostics, 2019, 9, 7556-7565.	4.6	66
23	Atypical choroideremia presenting with earlyâ€onset macular atrophy. Acta Ophthalmologica, 2019, 97, 633-636.	0.6	2
24	Robot-Assisted Retinal Surgery: Overcoming Human Limitations. Retina Atlas, 2019, , 109-114.	0.0	8
25	A detailed inÂvivo analysis of the retinal nerve fibre layer in choroideremia. Acta Ophthalmologica, 2019, 97, e589-e600.	0.6	5
26	Near-Infrared Autofluorescence in Choroideremia: Anatomic and Functional Correlations. American Journal of Ophthalmology, 2019, 199, 19-27.	1.7	23
27	Early and Late Histological and Ultrastructural Findings in Resected Infantile Capillary Hemangiomas Following Treatment with Topical Beta-Blocker Timolol Maleate 0.5%. Ocular Oncology and Pathology, 2018, 4, 100-106.	0.5	8
28	Retinal Degeneration in Choroideremia follows an Exponential Decay Function. Ophthalmology, 2018, 125, 1122-1124.	2.5	32
29	Assessment of the Electronic Retinal Implant Alpha AMS in Restoring Vision to Blind Patients with End-Stage Retinitis Pigmentosa. Ophthalmology, 2018, 125, 432-443.	2.5	133
30	A Review of the Landscape of Targeted Immunomodulatory Therapies for Non-Infectious Uveitis. Ophthalmology and Therapy, 2018, 7, 1-17.	1.0	13
31	Beneficial effects on vision in patients undergoing retinal gene therapy for choroideremia. Nature Medicine, 2018, 24, 1507-1512.	15.2	140
32	Choroideremia: molecular mechanisms and development of AAV gene therapy. Expert Opinion on Biological Therapy, 2018, 18, 807-820.	1.4	28
33	Real-world refractive outcomes of toric intraocular lens implantation in a United Kingdom National Health Service setting. BMC Ophthalmology, 2018, 18, 30.	0.6	12
34	Ocular gene therapy for choroideremia: clinical trials and future perspectives. Expert Review of Ophthalmology, 2018, 13, 129-138.	0.3	11
35	First-in-human study of the safety and viability of intraocular robotic surgery. Nature Biomedical Engineering, 2018, 2, 649-656.	11.6	134
36	Effects of pupil dilation on MAIA microperimetry. Clinical and Experimental Ophthalmology, 2017, 45, 489-495.	1.3	25

#	Article	IF	Citations
37	Structural and Functional Recovery Following Limited Iatrogenic Macular Detachment for Retinal Gene Therapy. JAMA Ophthalmology, 2017, 135, 234.	1.4	41
38	Classification of diabetic macular oedema using ultra-widefield angiography and implications for response to anti-VEGF therapy. British Journal of Ophthalmology, 2017, 101, 559-563.	2.1	21
39	Incidence, mechanism and outcomes of schisis retinal detachments revealed through a prospective population-based study. British Journal of Ophthalmology, 2017, 101, 1022-1026.	2.1	12
40	Technique of retinal gene therapy: delivery of viral vector into the subretinal space. Eye, 2017, 31, 1308-1316.	1.1	139
41	Using Rho Kinase Inhibitors for Retinal Detachmentâ€"Reply. JAMA Ophthalmology, 2017, 135, 895.	1.4	0
42	Characterizing the Natural History of Visual Function in Choroideremia Using Microperimetry and Multimodal Retinal Imaging. , 2017, 58, 5575.		77
43	The Spectrum of CHM Gene Mutations in Choroideremia and Their Relationship to Clinical Phenotype. , 2016, 57, 6033.		71
44	Correlation of Optical Coherence Tomography and Autofluorescence in the Outer Retina and Choroid of Patients With Choroideremia. , 2016, 57, 3674.		72
45	Experience of early implantation of retropupillary iris-claw intraocular lens in childhood. Graefe's Archive for Clinical and Experimental Ophthalmology, 2016, 254, 1655-1658.	1.0	6
46	Visual Acuity after Retinal Gene Therapy for Choroideremia. New England Journal of Medicine, 2016, 374, 1996-1998.	13.9	185
47	Efficacy and Safety of Phenylephrine 2.5% with Cyclopentolate 0.5% for Retinopathy of Prematurity Screening in 1246 Eye Examinations. European Journal of Ophthalmology, 2015, 25, 249-253.	0.7	20
48	Heidelberg Spectralis Ultra-Widefield Fundus Fluorescein Angiography in Infants. American Journal of Ophthalmology, 2015, 159, 78-84.e2.	1.7	19
49	Meta-analysis of the Adjunctive Use of Mitomycin C in Primary and Revision, External and Endonasal Dacryocystorhinostomy. Orbit, 2014, 33, 239-244.	0.5	30
50	Retinal imaging: what the neurologist needs to know. Practical Neurology, 2013, 13, 236-244.	0.5	3
51	Retropupillary Artisan intraocular lens implantation in very young children with aphakia following penetrating eye injuries. Journal of AAPOS, 2013, 17, 428-431.	0.2	6
52	National survey of progressive symptomatic retinal detachment complicating retinoschisis in the United Kingdom. Eye, 2013, 27, 1425-1426.	1.1	8
53	Deep Periocular Infantile Capillary Hemangiomas Responding to Topical Application of Timolol Maleate, 0.5%, Drops. JAMA Ophthalmology, 2013, 131, 1246.	1.4	30
54	Topical timolol maleate 0.5% for infantile capillary haemangioma of the eyelid. British Journal of Ophthalmology, 2012, 96, 1536.1-1537.	2.1	22

#	Article	IF	Citations
55	Carbon monoxide poisoning masquerading as giant cell arteritis. Eye, 2012, 26, 337-338.	1.1	0
56	Combined hamartoma of the retina and retinal pigment epithelium. BMJ Case Reports, 2012, 2012, bcr2012006944-bcr2012006944.	0.2	8
57	Clinical presentations of schistosoma hematobium: three case reports and review. Canadian Journal of Urology, 2011, 18, 5757-62.	0.0	2
58	Interaction between Antibody-Diversification Enzyme AID and Spliceosome-Associated Factor CTNNBL1. Molecular Cell, 2008, 31, 474-484.	4.5	127
59	The in vivo pattern of AID targeting to immunoglobulin switch regions deduced from mutation spectra in msh2â^'/â^' ungâ^'/â^' mice. Journal of Experimental Medicine, 2006, 203, 2085-2094.	4.2	162