

Kanmin Xue

List of Publications by Year in descending order

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Version: 2024-02-01

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 | Initial results from a first-in-human gene therapy trial on X-linked retinitis pigmentosa caused by mutations in RPGR. <i>Nature Medicine</i> , 2020, 26, 354-359. | 15.2 | 208 |
| 2 | Visual Acuity after Retinal Gene Therapy for Choroideremia. <i>New England Journal of Medicine</i> , 2016, 374, 1996-1998. | 13.9 | 185 |
| 3 | The in vivo pattern of AID targeting to immunoglobulin switch regions deduced from mutation spectra in <i>msh2^Δ/Δ⁺ ung^Δ/Δ⁺</i> mice. <i>Journal of Experimental Medicine</i> , 2006, 203, 2085-2094. | 4.2 | 162 |
| 4 | Beneficial effects on vision in patients undergoing retinal gene therapy for choroideremia. <i>Nature Medicine</i> , 2018, 24, 1507-1512. | 15.2 | 140 |
| 5 | Technique of retinal gene therapy: delivery of viral vector into the subretinal space. <i>Eye</i> , 2017, 31, 1308-1316. | 1.1 | 139 |
| 6 | First-in-human study of the safety and viability of intraocular robotic surgery. <i>Nature Biomedical Engineering</i> , 2018, 2, 649-656. | 11.6 | 134 |
| 7 | Assessment of the Electronic Retinal Implant Alpha AMS in Restoring Vision to Blind Patients with End-Stage Retinitis Pigmentosa. <i>Ophthalmology</i> , 2018, 125, 432-443. | 2.5 | 133 |
| 8 | Interaction between Antibody-Diversification Enzyme AID and Spliceosome-Associated Factor CTNNB1. <i>Molecular Cell</i> , 2008, 31, 474-484. | 4.5 | 127 |
| 9 | Deep-learning models for the detection and incidence prediction of chronic kidney disease and type 2 diabetes from retinal fundus images. <i>Nature Biomedical Engineering</i> , 2021, 5, 533-545. | 11.6 | 121 |
| 10 | Characterizing the Natural History of Visual Function in Choroideremia Using Microperimetry and Multimodal Retinal Imaging. , 2017, 58, 5575. | | 77 |
| 11 | Correlation of Optical Coherence Tomography and Autofluorescence in the Outer Retina and Choroid of Patients With Choroideremia. , 2016, 57, 3674. | | 72 |
| 12 | The Spectrum of CHM Gene Mutations in Choroideremia and Their Relationship to Clinical Phenotype. , 2016, 57, 6033. | | 71 |
| 13 | Current status and future trends of clinical diagnoses via image-based deep learning. <i>Theranostics</i> , 2019, 9, 7556-7565. | 4.6 | 66 |
| 14 | Antisense oligonucleotide therapeutics in clinical trials for the treatment of inherited retinal diseases. <i>Expert Opinion on Investigational Drugs</i> , 2020, 29, 1163-1170. | 1.9 | 44 |
| 15 | Structural and Functional Recovery Following Limited Iatrogenic Macular Detachment for Retinal Gene Therapy. <i>JAMA Ophthalmology</i> , 2017, 135, 234. | 1.4 | 41 |
| 16 | A deep-learning system predicts glaucoma incidence and progression using retinal photographs. <i>Journal of Clinical Investigation</i> , 2022, 132, . | 3.9 | 35 |
| 17 | Retinal Degeneration in Choroideremia follows an Exponential Decay Function. <i>Ophthalmology</i> , 2018, 125, 1122-1124. | 2.5 | 32 |
| 18 | Deep Periocular Infantile Capillary Hemangiomas Responding to Topical Application of Timolol Maleate, 0.5%, Drops. <i>JAMA Ophthalmology</i> , 2013, 131, 1246. | 1.4 | 30 |

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|----|--|-----|-----------|
| 19 | Meta-analysis of the Adjunctive Use of Mitomycin C in Primary and Revision, External and Endonasal Dacryocystorhinostomy. <i>Orbit</i> , 2014, 33, 239-244. | 0.5 | 30 |
| 20 | Choroideremia: molecular mechanisms and development of AAV gene therapy. <i>Expert Opinion on Biological Therapy</i> , 2018, 18, 807-820. | 1.4 | 28 |
| 21 | Effects of pupil dilation on MAIA microperimetry. <i>Clinical and Experimental Ophthalmology</i> , 2017, 45, 489-495. | 1.3 | 25 |
| 22 | Enhancement of Adeno-Associated Virus-Mediated Gene Therapy Using Hydroxychloroquine in Murine and Human Tissues. <i>Molecular Therapy - Methods and Clinical Development</i> , 2019, 14, 77-89. | 1.8 | 25 |
| 23 | Immunomodulatory Effects of Hydroxychloroquine and Chloroquine in Viral Infections and Their Potential Application in Retinal Gene Therapy. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4972. | 1.8 | 24 |
| 24 | Near-Infrared Autofluorescence in Choroideremia: Anatomic and Functional Correlations. <i>American Journal of Ophthalmology</i> , 2019, 199, 19-27. | 1.7 | 23 |
| 25 | Genome-Editing Strategies for Treating Human Retinal Degenerations. <i>Human Gene Therapy</i> , 2021, 32, 247-259. | 1.4 | 23 |
| 26 | Topical timolol maleate 0.5% for infantile capillary haemangioma of the eyelid. <i>British Journal of Ophthalmology</i> , 2012, 96, 1536.1-1537. | 2.1 | 22 |
| 27 | Classification of diabetic macular oedema using ultra-widefield angiography and implications for response to anti-VEGF therapy. <i>British Journal of Ophthalmology</i> , 2017, 101, 559-563. | 2.1 | 21 |
| 28 | First-in-Human Robot-Assisted Subretinal Drug Delivery Under Local Anesthesia. <i>American Journal of Ophthalmology</i> , 2022, 237, 104-113. | 1.7 | 21 |
| 29 | Efficacy and Safety of Phenylephrine 2.5% with Cyclopentolate 0.5% for Retinopathy of Prematurity Screening in 1246 Eye Examinations. <i>European Journal of Ophthalmology</i> , 2015, 25, 249-253. | 0.7 | 20 |
| 30 | Heidelberg Spectralis Ultra-Widefield Fundus Fluorescein Angiography in Infants. <i>American Journal of Ophthalmology</i> , 2015, 159, 78-84.e2. | 1.7 | 19 |
| 31 | Highest reported visual acuity after electronic retinal implantation. <i>Acta Ophthalmologica</i> , 2020, 98, 736-740. | 0.6 | 17 |
| 32 | Characterizing the cellular immune response to subretinal AAV gene therapy in the murine retina. <i>Molecular Therapy - Methods and Clinical Development</i> , 2021, 22, 52-65. | 1.8 | 16 |
| 33 | Association of Messenger RNA Level With Phenotype in Patients With Choroideremia. <i>JAMA Ophthalmology</i> , 2020, 138, 128. | 1.4 | 15 |
| 34 | Interactions between Apolipoprotein E Metabolism and Retinal Inflammation in Age-Related Macular Degeneration. <i>Life</i> , 2021, 11, 635. | 1.1 | 14 |
| 35 | A Review of the Landscape of Targeted Immunomodulatory Therapies for Non-Infectious Uveitis. <i>Ophthalmology and Therapy</i> , 2018, 7, 1-17. | 1.0 | 13 |
| 36 | CRISPR genome engineering for retinal diseases. <i>Progress in Molecular Biology and Translational Science</i> , 2021, 182, 29-79. | 0.9 | 13 |

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|----|---|-----|-----------|
| 37 | Incidence, mechanism and outcomes of schisis retinal detachments revealed through a prospective population-based study. <i>British Journal of Ophthalmology</i> , 2017, 101, 1022-1026. | 2.1 | 12 |
| 38 | Real-world refractive outcomes of toric intraocular lens implantation in a United Kingdom National Health Service setting. <i>BMC Ophthalmology</i> , 2018, 18, 30. | 0.6 | 12 |
| 39 | Ocular gene therapy for choroideremia: clinical trials and future perspectives. <i>Expert Review of Ophthalmology</i> , 2018, 13, 129-138. | 0.3 | 11 |
| 40 | National survey of progressive symptomatic retinal detachment complicating retinoschisis in the United Kingdom. <i>Eye</i> , 2013, 27, 1425-1426. | 1.1 | 8 |
| 41 | Early and Late Histological and Ultrastructural Findings in Resected Infantile Capillary Hemangiomas Following Treatment with Topical Beta-Blocker Timolol Maleate 0.5%. <i>Ocular Oncology and Pathology</i> , 2018, 4, 100-106. | 0.5 | 8 |
| 42 | Robot-Assisted Retinal Surgery: Overcoming Human Limitations. <i>Retina Atlas</i> , 2019, , 109-114. | 0.0 | 8 |
| 43 | Combined hamartoma of the retina and retinal pigment epithelium. <i>BMJ Case Reports</i> , 2012, 2012, bcr2012006944-bcr2012006944. | 0.2 | 8 |
| 44 | Retropupillary Artisan intraocular lens implantation in very young children with aphakia following penetrating eye injuries. <i>Journal of AAPOS</i> , 2013, 17, 428-431. | 0.2 | 6 |
| 45 | Experience of early implantation of retropupillary iris-claw intraocular lens in childhood. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2016, 254, 1655-1658. | 1.0 | 6 |
| 46 | Safety and Acceptability of a Natural Language Artificial Intelligence Assistant to Deliver Clinical Follow-up to Cataract Surgery Patients: Proposal. <i>JMIR Research Protocols</i> , 2021, 10, e27227. | 0.5 | 6 |
| 47 | A detailed inÂvivo analysis of the retinal nerve fibre layer in choroideremia. <i>Acta Ophthalmologica</i> , 2019, 97, e589-e600. | 0.6 | 5 |
| 48 | The Impact of Progressive Visual Field Constriction on Reading Ability in an Inherited Retinal Degeneration. <i>Ophthalmologica</i> , 2020, 243, 207-216. | 1.0 | 5 |
| 49 | Is subretinal AAV gene replacement still the only viable treatment option for choroideremia?. <i>Expert Opinion on Orphan Drugs</i> , 2021, 9, 13-24. | 0.5 | 4 |
| 50 | Expression of Rab Prenylation Pathway Genes and Relation to Disease Progression in Choroideremia. <i>Translational Vision Science and Technology</i> , 2021, 10, 12. | 1.1 | 4 |
| 51 | Retinal imaging: what the neurologist needs to know. <i>Practical Neurology</i> , 2013, 13, 236-244. | 0.5 | 3 |
| 52 | Flying baby optical coherence tomography alters the staging and management of advanced retinopathy of prematurity. <i>Acta Ophthalmologica</i> , 2021, 99, 441-447. | 0.6 | 3 |
| 53 | Correcting visual loss by genetics and prosthetics. <i>Current Opinion in Physiology</i> , 2020, 16, 1-7. | 0.9 | 3 |
| 54 | Atypical choroideremia presenting with early onset macular atrophy. <i>Acta Ophthalmologica</i> , 2019, 97, 633-636. | 0.6 | 2 |

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|----|--|-----|-----------|
| 55 | Clinical presentations of schistosoma hematobium: three case reports and review. Canadian Journal of Urology, 2011, 18, 5757-62. | 0.0 | 2 |
| 56 | Carbon monoxide poisoning masquerading as giant cell arteritis. Eye, 2012, 26, 337-338. | 1.1 | 0 |
| 57 | Using Rho Kinase Inhibitors for Retinal Detachmentâ€”Reply. JAMA Ophthalmology, 2017, 135, 895. | 1.4 | 0 |
| 58 | Choroideremia and Other Hereditary Conditions Manifesting with Choroidal Atrophy. , 2021, , 1-16. | | 0 |
| 59 | Choroideremia and Other Hereditary Conditions Manifesting with Choroidal Atrophy. , 2022, , 3997-4012. | | 0 |