

Darren Shu Jeng Ting

List of Publications by Year in descending order

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Version: 2024-02-01

92
papers

2,100
citations

331259

21
h-index

301761

39
g-index

99
all docs

99
docs citations

99
times ranked

1229
citing authors

#	ARTICLE	IF	CITATIONS
1	Digital technology, tele-medicine and artificial intelligence in ophthalmology: A global perspective. <i>Progress in Retinal and Eye Research</i> , 2021, 82, 100900.	7.3	261
2	Infectious keratitis: an update on epidemiology, causative microorganisms, risk factors, and antimicrobial resistance. <i>Eye</i> , 2021, 35, 1084-1101.	1.1	179
3	Artificial intelligence for anterior segment diseases: Emerging applications in ophthalmology. <i>British Journal of Ophthalmology</i> , 2021, 105, 158-168.	2.1	110
4	Prosthetic iris devices. <i>Canadian Journal of Ophthalmology</i> , 2014, 49, 6-17.	0.4	78
5	Changing trends in keratoplasty in the West of Scotland: a 10-year review. <i>British Journal of Ophthalmology</i> , 2012, 96, 405-408.	2.1	71
6	Photoactivated chromophore for infectious keratitis – Corneal cross-linking (PACK-CXL): A systematic review and meta-analysis. <i>Ocular Surface</i> , 2019, 17, 624-634.	2.2	71
7	12-year analysis of incidence, microbiological profiles and in vitro antimicrobial susceptibility of infectious keratitis: the Nottingham Infectious Keratitis Study. <i>British Journal of Ophthalmology</i> , 2021, 105, 328-333.	2.1	70
8	Strategies in Translating the Therapeutic Potentials of Host Defense Peptides. <i>Frontiers in Immunology</i> , 2020, 11, 983.	2.2	62
9	A 10-year analysis of microbiological profiles of microbial keratitis: the North East England Study. <i>Eye</i> , 2018, 32, 1416-1417.	1.1	61
10	Epithelial ingrowth following laser in situ keratomileusis (LASIK): prevalence, risk factors, management and visual outcomes. <i>BMJ Open Ophthalmology</i> , 2018, 3, e000133.	0.8	60
11	Corneal Neurotization for Neurotrophic Keratopathy: Clinical Outcomes and In Vivo Confocal Microscopic and Histopathological Findings. <i>Cornea</i> , 2018, 37, 641-646.	0.9	54
12	Psychosocial impact of COVID-19 pandemic lockdown on people living with eye diseases in the UK. <i>Eye</i> , 2021, 35, 2064-2066.	1.1	43
13	Chemical eye injury: pathophysiology, assessment and management. <i>Eye</i> , 2020, 34, 2001-2019.	1.1	42
14	Corneal graft rejection following COVID-19 vaccine. <i>Eye</i> , 2022, 36, 1319-1320.	1.1	40
15	Artificial intelligence-assisted telemedicine platform for cataract screening and management: a potential model of care for global eye health. <i>British Journal of Ophthalmology</i> , 2019, 103, 1537-1538.	2.1	38
16	Risk Factors, Clinical Outcomes, and Prognostic Factors of Bacterial Keratitis: The Nottingham Infectious Keratitis Study. <i>Frontiers in Medicine</i> , 2021, 8, 715118.	1.2	38
17	Implantation of a customized toric intraocular lens for correction of post-keratoplasty astigmatism. <i>Eye</i> , 2013, 27, 531-537.	1.1	35
18	Polymicrobial Keratitis With <i>Cryptococcus curvatus</i> , <i>Candida parapsilosis</i> , and <i>Stenotrophomonas maltophilia</i> After Penetrating Keratoplasty: A Rare Case Report With Literature Review. <i>Eye and Contact Lens</i> , 2019, 45, e5-e10.	0.8	34

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19	The impact of COVID-19 pandemic on ophthalmology services: are we ready for the aftermath?. Therapeutic Advances in Ophthalmology, 2020, 12, 251584142096409.	0.8	30
20	Artificial Intelligence in Cornea, Refractive Surgery, and Cataract: Basic Principles, Clinical Applications, and Future Directions. Asia-Pacific Journal of Ophthalmology, 2021, 10, 268-281.	1.3	30
21	Application of artificial intelligence in cataract management: current and future directions. Eye and Vision (London, England), 2022, 9, 3.	1.4	27
22	Amniotic membrane transplantation for infectious keratitis: a systematic review and meta-analysis. Scientific Reports, 2021, 11, 13007.	1.6	26
23	Diagnostic armamentarium of infectious keratitis: A comprehensive review. Ocular Surface, 2022, 23, 27-39.	2.2	25
24	A 10-year review of orbital biopsy: the Newcastle Eye Centre Study. Eye, 2015, 29, 1162-1166.	1.1	24
25	Rational Substitution of $\hat{\mu}$ -Lysine for $\hat{\pm}$ -Lysine Enhances the Cell and Membrane Selectivity of Pore-Forming Melittin. Journal of Medicinal Chemistry, 2020, 63, 3522-3537.	2.9	24
26	Effectiveness and safety of accelerated (9â€‰%mW/cm ²) corneal collagen cross-linking for progressive keratoconus: a 24-month follow-up. Eye, 2019, 33, 812-818.	1.1	23
27	Effect of high-vacuum setting on phacoemulsification efficiency. Journal of Cataract and Refractive Surgery, 2017, 43, 1135-1139.	0.7	22
28	Clinical Characteristics and Outcomes of Fungal Keratitis in the United Kingdom 2011â€‰â€“2020: A 10-Year Study. Journal of Fungi (Basel, Switzerland), 2021, 7, 966.	1.5	22
29	Potential of mesenchymal stem cells as topical immunomodulatory cell therapies for ocular surface inflammatory disorders. Stem Cells Translational Medicine, 2021, 10, 39-49.	1.6	20
30	Epidemiology, economic and humanistic burdens of Ocular Surface Chemical Injury: A narrative review. Ocular Surface, 2021, 20, 199-211.	2.2	20
31	Arthrographis kalrae Keratitis Complicated by Endophthalmitis: A Case Report With Literature Review. Eye and Contact Lens, 2020, 46, e59-e65.	0.8	20
32	Herpes zoster ophthalmicus. BMJ: British Medical Journal, 2019, 364, k5234.	2.4	19
33	Seasonal patterns of incidence, demographic factors and microbiological profiles of infectious keratitis: the Nottingham Infectious Keratitis Study. Eye, 2021, 35, 2543-2549.	1.1	18
34	Post-keratoplasty Infectious Keratitis: Epidemiology, Risk Factors, Management, and Outcomes. Frontiers in Medicine, 2021, 8, 707242.	1.2	17
35	Manifestation of Herpetic Eye Disease after COVID-19 Vaccine: A UK Case Series. Ocular Immunology and Inflammation, 2022, 30, 1136-1141.	1.0	17
36	Graft detachments in endothelial keratoplasty. British Journal of Ophthalmology, 2022, 106, 1-13.	2.1	15

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37	Descemet Membrane Endothelial Keratoplasty in Asian Eyes: Intraoperative and Postoperative Complications. <i>Cornea</i> , 2020, 39, 940-945.	0.9	14
38	Surgical management of infectious keratitis. <i>Ocular Surface</i> , 2023, 28, 401-412.	2.2	14
39	Acute corneal perforation 1 week following uncomplicated cataract surgery: the implication of undiagnosed dry eye disease and topical NSAIDs. <i>Therapeutic Advances in Ophthalmology</i> , 2019, 11, 251584141986950.	0.8	13
40	Interface Haze After Descemet Stripping Automated Endothelial Keratoplasty. <i>JAMA Ophthalmology</i> , 2019, 137, 1201.	1.4	13
41	Hybrid derivative of cathelicidin and human beta defensin-2 against Gram-positive bacteria: A novel approach for the treatment of bacterial keratitis. <i>Scientific Reports</i> , 2021, 11, 18304.	1.6	13
42	Are Descemet Membrane Ruptures the Root Cause of Corneal Hydrops in Keratoconic Eyes?. <i>American Journal of Ophthalmology</i> , 2019, 205, 204.	1.7	12
43	Translational and Regulatory Challenges of Corneal Endothelial Cell Therapy: A Global Perspective. <i>Tissue Engineering - Part B: Reviews</i> , 2022, 28, 52-62.	2.5	12
44	Clinical Spectrum and Outcomes of Ocular and Periocular Complications following External-Beam Radiotherapy for Inoperable Malignant Maxillary Sinus Tumors. <i>Ocular Oncology and Pathology</i> , 2021, 7, 36-43.	0.5	12
45	Lamina cribrosa displacement after optic nerve sheath fenestration in idiopathic intracranial hypertension: a new tool for monitoring changes in intracranial pressure?. <i>British Journal of Ophthalmology</i> , 2014, 98, 1603-1604.	2.1	11
46	Impact of telephone consent and potential for eye donation in the UK: the Newcastle Eye Centre study. <i>Eye</i> , 2016, 30, 342-348.	1.1	10
47	Changing trend in the utilisation rate of donated corneas for keratoplasty in the UK: The North East England Study. <i>Eye</i> , 2016, 30, 1475-1480.	1.1	10
48	Late-onset traumatic dislocation of laser in situ keratomileusis corneal flaps: a case series with many clinical lessons. <i>International Ophthalmology</i> , 2019, 39, 1397-1403.	0.6	10
49	Central Toxic Keratopathy After Contact Lens Wear and Mechanical Debridement: Clinical Characteristics, and Visual and Corneal Tomographic Outcomes. <i>Eye and Contact Lens</i> , 2019, 45, e15-e23.	0.8	10
50	Re: Prajna et al.: Cross-Linking-Assisted Infection Reduction (CLAIR): A randomized clinical trial evaluating the effect of adjuvant cross-linking on outcomes in fungal keratitis (<i>Ophthalmology</i> .) <i>Tj ETQq0 0 0 rgBTz/6 Overlock 10 Tf 50 2</i>		
51	Care for critically ill patients with COVID-19: don't forget the eyes. <i>Eye</i> , 2020, 34, 1253-1254.	1.1	10
52	Incidence, characteristics, outcomes and confidence in managing posterior capsular rupture during cataract surgery in the UK: an ophthalmology trainees' perspective. <i>Eye</i> , 2021, 35, 1213-1220.	1.1	10
53	Host Defence Peptides: A Potent Alternative to Combat Antimicrobial Resistance in the Era of the COVID-19 Pandemic. <i>Antibiotics</i> , 2022, 11, 475.	1.5	10
54	Microbial keratitis complicated by acute hydrops following corneal collagen cross-linking for keratoconus. <i>Australasian journal of optometry</i> , The, 2019, 102, 434-436.	0.6	9

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55	Topical use of alcohol in ophthalmology - Diagnostic and therapeutic indications. <i>Ocular Surface</i> , 2021, 21, 1-15.	2.2	8
56	Real-world experience of using ciclosporin-A 0.1% in the management of ocular surface inflammatory diseases. <i>British Journal of Ophthalmology</i> , 2021, , bjophthalmol-2020-317907.	2.1	7
57	Implementation of a new telephone triage system in ophthalmology emergency department during COVID-19 pandemic: clinical effectiveness, safety and patient satisfaction. <i>Eye</i> , 2022, 36, 1126-1128.	1.1	7
58	Evaluation of Host Defense Peptide (CaD23)-Antibiotic Interaction and Mechanism of Action: Insights From Experimental and Molecular Dynamics Simulations Studies. <i>Frontiers in Pharmacology</i> , 2021, 12, 731499.	1.6	7
59	Effects of Combined Cataract Surgery on Outcomes of Descemet's Membrane Endothelial Keratoplasty: A Systematic Review and Meta-Analysis. <i>Frontiers in Medicine</i> , 2022, 9, 857200.	1.2	7
60	Host Defense Peptides at the Ocular Surface: Roles in Health and Major Diseases, and Therapeutic Potentials. <i>Frontiers in Medicine</i> , 0, 9, .	1.2	7
61	Pneumodescemetopexy with perfluoroethane (C2F6) for the treatment of acute hydrops secondary to keratoconus. <i>Eye</i> , 2014, 28, 847-851.	1.1	6
62	Research attitudes and perceived barriers to conducting research among ophthalmology trainees. <i>Eye</i> , 2018, 32, 653-655.	1.1	6
63	Self-tattooing of eyeball with inadvertent corneoscleral perforation: the implication of social media. <i>Eye</i> , 2019, 33, 1672-1674.	1.1	6
64	Deep anterior lamellar keratoplasty: challenges in histopathological examination. <i>British Journal of Ophthalmology</i> , 2012, 96, 1510-1512.	2.1	5
65	Caruncular Tumor as the First Sign of T-Cell Lymphoma Relapse. <i>Seminars in Ophthalmology</i> , 2015, 30, 139-141.	0.8	5
66	Effectiveness of adjuvant photoactivated chromophore corneal collagen cross-linking versus standard antimicrobial treatment for infectious keratitis: a systematic review protocol. <i>JBI Database of Systematic Reviews and Implementation Reports</i> , 2020, 18, 194-199.	1.7	5
67	Virtual consultation for red eye. <i>BMJ, The</i> , 2021, 373, n1490.	3.0	5
68	Confidence of UK Ophthalmology Registrars in Managing Posterior Capsular Rupture: Results from a National Trainee Survey. <i>Ophthalmology and Therapy</i> , 2022, 11, 225-237.	1.0	5
69	Cannula-associated ocular injuries during cataract surgery: the North East England Study. <i>Eye</i> , 2016, 30, 764-765.	1.1	4
70	Trainee-led research networks in ophthalmology: is this the way forward?. <i>Eye</i> , 2018, 32, 476-477.	1.1	4
71	Re: Bonini etÂal.: Phase 2 randomized, double-masked, vehicle-controlled trial of recombinant human nerve growth factor for neurotrophic keratitis (<i>Ophthalmology</i> . 2018;125:1332-1343). <i>Ophthalmology</i> , 2019, 126, e14-e15.	2.5	4
72	Proposal and validation of a new grading system for pterygium (SLIT2). <i>British Journal of Ophthalmology</i> , 2021, 105, 921-924.	2.1	4

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73	Modified manual small incision cataract surgery technique for phacoemulsification-trained surgeons. <i>Therapeutic Advances in Ophthalmology</i> , 2020, 12, 251584142097737.	0.8	4
74	Cosmetic outcome of femtosecond laser-assisted pterygium surgery. <i>Eye and Vision (London, England)</i> , 2021, 8, 7.	1.4	4
75	Lacrimal-auricular-dental-digital (LADD) Syndrome with Diffuse Ophthalmoplegia—A New Finding. <i>Seminars in Ophthalmology</i> , 2012, 27, 59-60.	0.8	3
76	Purtscher-like retinopathy associated with squamous cell carcinoma of the cervix. <i>International Ophthalmology</i> , 2018, 38, 389-393.	0.6	3
77	Effectiveness and safety of early adjuvant amniotic membrane transplant versus standard antimicrobial treatment for infectious keratitis: a systematic review protocol. <i>JB1 Evidence Synthesis</i> , 2020, 18, 1808-1814.	0.6	3
78	Management of limbal stem cell deficiency by amnion-assisted conjunctival epithelial redirection using vacuum-dried amniotic membrane and fibrin glue. <i>British Journal of Ophthalmology</i> , 2023, 107, 342-348.	2.1	3
79	Opacification of hydrophilic acrylic intraocular lens following vitreoretinal surgery: a clinicopathological report. <i>Canadian Journal of Ophthalmology</i> , 2021, 56, e9-e11.	0.4	2
80	Femtosecond laser-assisted excision of conjunctival melanocytic lesions: Cosmetic and long-term outcomes. <i>Clinical and Experimental Ophthalmology</i> , 2021, 49, 312-315.	1.3	2
81	Cannula-associated Ocular Injuries during Cataract Surgery: A Preventable Intraoperative Complication?. <i>Middle East African Journal of Ophthalmology</i> , 2017, 24, 54-56.	0.5	2
82	Trainee research network (TRN): a potential global model for promoting research training and outputs among trainees. <i>Eye</i> , 2022, 36, 2358-2360.	1.1	2
83	Radiologic-pathologic correlation of orbital diseases. <i>Orbit</i> , 2016, 35, 159-160.	0.5	1
84	Effects of whole globe enucleation versus in situ corneoscleral excision on donor cornea tissue quality: a systematic review protocol. <i>JB1 Evidence Synthesis</i> , 2021, 19, 251-256.	0.6	1
85	Anterior Segment OCT: Angiography. <i>Essentials in Ophthalmology</i> , 2021, , 159-169.	0.0	1
86	Spontaneous Pupillary Recovery of Urrets-Zavalía Syndrome Following Descemet's Membrane Endothelial Keratoplasty. <i>Medical Hypothesis, Discovery, and Innovation in Ophthalmology</i> , 2019, 8, 7-10.	0.4	1
87	Comment on "The Royal College of Ophthalmologists Guidelines on retinal vein occlusions". <i>Eye</i> , 2015, 29, 1631-1631.	1.1	0
88	Fibrovascular corneal mass: A rare initial sign of rheumatoid arthritis. <i>Canadian Journal of Ophthalmology</i> , 2017, 52, e18-e19.	0.4	0
89	Response to "Comment on: Effectiveness and safety of accelerated (9 mW/cm ²) corneal collagen cross-linking for progressive keratoconus: a 24-month follow-up". <i>Eye</i> , 2019, 33, 1185-1186.	1.1	0
90	Clinical outcomes and safety of Diphoterine® irrigation for chemical eye injury: A single-centre experience in the United Kingdom. <i>Therapeutic Advances in Ophthalmology</i> , 2021, 13, 251584142110304.	0.8	0

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91	Comment on: The Impact of COVID-19 on Individuals Across the Spectrum of Visual Impairment. American Journal of Ophthalmology, 2021, 230, 303-304.	1.7	0
92	Evaluation of junior doctors' knowledge of corneal donation and the new opt-out system in England. Postgraduate Medical Journal, 2022, 98, e174-e176.	0.9	0