

Dipika V Patel

List of Publications by Year in descending order

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Version: 2024-02-01

124
papers

3,855
citations

147726

31
h-index

206029

48
g-index

125
all docs

125
docs citations

125
times ranked

3154
citing authors

#	ARTICLE	IF	CITATIONS
1	Iris melanocytic tumours in New Zealand/Aotearoa: presentation, management and outcome in a high UV exposure environment. <i>Eye</i> , 2023, 37, 692-699.	1.1	2
2	The Aotearoa Research Into Keratoconus Study: Geographic Distribution, Demographics, and Clinical Characteristics of Keratoconus in New Zealand. <i>Cornea</i> , 2022, 41, 16-22.	0.9	10
3	Prospective one year study of corneal biomechanical changes following high intensity, accelerated cornea cross-linking in patients with keratoconus using a non-contact tonometer. <i>European Journal of Ophthalmology</i> , 2022, 32, 806-814.	0.7	2
4	Measurement of refractive, wavefront, topographic, and keratometric changes attributable to epithelial removal in keratoconus. <i>Canadian Journal of Ophthalmology</i> , 2021, 56, 6-11.	0.4	0
5	Five-year results of a prospective, randomised, contralateral eye trial of corneal crosslinking for keratoconus. <i>Clinical and Experimental Ophthalmology</i> , 2021, 49, 542-549.	1.3	9
6	Integration and remodelling of a collagen anterior lamellar keratoplasty graft in an animal model – A preliminary report. <i>Experimental Eye Research</i> , 2021, 209, 108661.	1.2	1
7	Comparison of corneal biomechanical properties following penetrating keratoplasty and deep anterior lamellar keratoplasty for keratoconus. <i>Clinical and Experimental Ophthalmology</i> , 2020, 48, 174-182.	1.3	21
8	Auckland Cataract Study IV: Practical application of NZCRS cataract risk stratification to reduce phacoemulsification complications. <i>Clinical and Experimental Ophthalmology</i> , 2020, 48, 311-318.	1.3	16
9	Measurement of In Vivo Biomechanical Changes Attributable to Epithelial Removal in Keratoconus Using a Noncontact Tonometer. <i>Cornea</i> , 2020, 39, 946-951.	0.9	13
10	Characteristics of Platelet Lysate Compared to Autologous and Allogeneic Serum Eye Drops. <i>Translational Vision Science and Technology</i> , 2020, 9, 24.	1.1	9
11	Topographic screening reveals keratoconus to be extremely common in Down syndrome. <i>Clinical and Experimental Ophthalmology</i> , 2020, 48, 1160-1167.	1.3	19
12	Prospective Clinical Study of Keratoconus Progression in Patients Awaiting Corneal Cross-linking. <i>Cornea</i> , 2020, 39, 1256-1260.	0.9	18
13	Microdroplet and spatter contamination during phacoemulsification cataract surgery in the era of COVID-19. <i>Clinical and Experimental Ophthalmology</i> , 2020, 48, 1168-1174.	1.3	14
14	The role of topical antibiotics in endophthalmitis prophylaxis in routine phacoemulsification cataract surgery?. <i>Clinical and Experimental Ophthalmology</i> , 2020, 48, 539-540.	1.3	0
15	Acute Corneal Hydrops in a Young Man. <i>JAMA Ophthalmology</i> , 2020, 138, e190960.	1.4	1
16	Prospective two year study of changes in corneal density following transepithelial pulsed, epithelium-off continuous and epithelium-off pulsed, corneal crosslinking for keratoconus. <i>Contact Lens and Anterior Eye</i> , 2020, 43, 458-464.	0.8	11
17	Successful culture of human transition zone cells. <i>Clinical and Experimental Ophthalmology</i> , 2020, 48, 689-700.	1.3	9
18	A perspective of contemporary cataract surgery: the most common surgical procedure in the world. <i>Journal of the Royal Society of New Zealand</i> , 2020, 50, 245-262.	1.0	7

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19	Peripheral Cornea Crosslinking Before Deep Anterior Lamellar Keratoplasty. Medical Hypothesis, Discovery, and Innovation in Ophthalmology, 2020, 9, 127-134.	0.4	2
20	Topical non-steroidal anti-inflammatory drugs are not the mainstay of prophylaxis and treatment for pseudophakic cystoid macular oedema: Response. Clinical and Experimental Ophthalmology, 2019, 47, 1104-1105.	1.3	0
21	Prospective 2-year study of accelerated pulsed transepithelial corneal crosslinking outcomes for Keratoconus. Eye, 2019, 33, 1897-1903.	1.1	19
22	Repeat corneal transplantation in Auckland, New Zealand: Indications, visual outcomes and risk factors for repeat keratoplasty failure. Clinical and Experimental Ophthalmology, 2019, 47, 987-994.	1.3	9
23	Prospective two-year study of clinical outcomes following epithelium-off pulsed versus continuous accelerated corneal crosslinking for keratoconus. Clinical and Experimental Ophthalmology, 2019, 47, 980-986.	1.3	15
24	In vivo confocal microscopy of the inflamed anterior segment: A review of clinical and research applications. Clinical and Experimental Ophthalmology, 2019, 47, 334-345.	1.3	25
25	Cystoid macular oedema following cataract surgery: A review. Clinical and Experimental Ophthalmology, 2019, 47, 346-356.	1.3	51
26	The Molecular Basis of Fuchs' Endothelial Corneal Dystrophy. Molecular Diagnosis and Therapy, 2019, 23, 97-112.	1.6	27
27	Auckland Cataract Study III: Refining Preoperative Assessment With Cataract Risk Stratification to Reduce Intraoperative Complications. American Journal of Ophthalmology, 2019, 197, 114-120.	1.7	16
28	The rising tide of Acanthamoeba keratitis in Auckland, New Zealand: a 7-year review of presentation, diagnosis and outcomes (2009-2016). Clinical and Experimental Ophthalmology, 2018, 46, 600-607.	1.3	35
29	Corneal Transplantation in New Zealand 2000 to 2009. Cornea, 2018, 37, 290-295.	0.9	15
30	Scleral suture fixation of supplementary sulcus-based toric intraocular lenses to prevent rotational instability. Clinical and Experimental Ophthalmology, 2018, 46, 570-573.	1.3	0
31	Advanced anterior segment imaging in keratoconus: a review. Clinical and Experimental Ophthalmology, 2018, 46, 122-132.	1.3	42
32	Systemic associations of corneal deposits: a review and photographic guide. Clinical and Experimental Ophthalmology, 2017, 45, 14-23.	1.3	7
33	The effect of abnormal stromal protein on the biomechanical properties of the cornea. Australasian journal of optometry, The, 2017, 100, 729-731.	0.6	1
34	Umbilical cord stem cells in the treatment of corneal disease. Survey of Ophthalmology, 2017, 62, 803-815.	1.7	31
35	The natural history of corneal topographic progression of keratoconus after age 30...years in non-contact lens wearers. British Journal of Ophthalmology, 2017, 101, 839-844.	2.1	29
36	In vivo ocular biomechanical compliance in thyroid eye disease. British Journal of Ophthalmology, 2017, 101, 1076-1079.	2.1	14

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37	Auckland cataract study 2: clinical outcomes of phacoemulsification cataract surgery in a public teaching hospital. <i>Clinical and Experimental Ophthalmology</i> , 2017, 45, 584-591.	1.3	15
38	The Auckland Cataract Study II: Reducing Complications by Preoperative Risk Stratification and Case Allocation in a Teaching Hospital. <i>American Journal of Ophthalmology</i> , 2017, 181, 20-25.	1.7	20
39	Analysis of Glaucoma Subtypes and Corresponding Demographics in a New Zealand Population. <i>Biomedicine Hub</i> , 2017, 1, 1-8.	0.4	6
40	Advances in Confocal Microscopy of the Eye. <i>BioMed Research International</i> , 2016, 2016, 1-2.	0.9	0
41	Dr John Nottingham's 1854 Landmark Treatise on Conical Cornea Considered in the Context of the Current Knowledge of Keratoconus. <i>Cornea</i> , 2016, 35, 673-678.	0.9	30
42	Complications related to sutures following penetrating and deep anterior lamellar keratoplasty. <i>Clinical and Experimental Ophthalmology</i> , 2016, 44, 142-143.	1.3	14
43	Natural history of corneal haze after corneal collagen crosslinking in keratoconus using Scheimpflug analysis. <i>Journal of Cataract and Refractive Surgery</i> , 2016, 42, 1053-1059.	0.7	45
44	Impact of diabetes mellitus on the ocular surface: a review. <i>Clinical and Experimental Ophthalmology</i> , 2016, 44, 278-288.	1.3	41
45	Demographics and ocular biometric characteristics of patients undergoing cataract surgery in Auckland, New Zealand. <i>Clinical and Experimental Ophthalmology</i> , 2016, 44, 106-113.	1.3	29
46	The Auckland Cataract Study: Assessing Preoperative Risk Stratification Systems for Phacoemulsification Surgery in a Teaching Hospital. <i>American Journal of Ophthalmology</i> , 2016, 171, 145-150.	1.7	36
47	Characterization of a Novel Collagen Scaffold for Corneal Tissue Engineering. <i>Tissue Engineering - Part C: Methods</i> , 2016, 22, 165-172.	1.1	33
48	Focused Tortuosity Definitions Based on Expert Clinical Assessment of Corneal Subbasal Nerves. , 2015, 56, 5102.		32
49	In Vivo Confocal Microscopy of Corneal Nerves: An Ocular Biomarker for Peripheral and Cardiac Autonomic Neuropathy in Type 1 Diabetes Mellitus. , 2015, 56, 5060.		71
50	In Vivo Confocal Microscopy of the Human Cornea in the Assessment of Peripheral Neuropathy and Systemic Diseases. <i>BioMed Research International</i> , 2015, 2015, 1-11.	0.9	51
51	Quantitative Analysis of Corneal Energy Dissipation and Corneal and Orbital Deformation in Response to an Air-Pulse in Healthy Eyes. , 2015, 56, 6941.		20
52	Biomechanical properties of the keratoconic cornea: a review. <i>Australasian journal of optometry</i> , The, 2015, 98, 31-38.	0.6	117
53	The pathophysiology of Fuchs' endothelial dystrophy – A review of molecular and cellular insights. <i>Experimental Eye Research</i> , 2015, 130, 97-105.	1.2	65
54	The Effects of Re-challenge in Patients with a History of Acute Anterior Uveitis Following Intravenous Zoledronate. <i>Calcified Tissue International</i> , 2015, 97, 58-61.	1.5	14

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55	Corneal Microstructural Changes in Nerve Fiber, Endothelial and Epithelial Density After Cataract Surgery in Patients With Diabetes Mellitus. <i>Cornea</i> , 2015, 34, 177-181.	0.9	54
56	A Prospective Study of the Clinical Characteristics of Patients With Herpes Simplex and Varicella Zoster Keratitis, Presenting to a New Zealand Emergency Eye Clinic. <i>Cornea</i> , 2015, 34, 279-284.	0.9	10
57	Treatment Adherence After Penetrating Corneal Transplant in a New Zealand Population From 2000 to 2009. <i>Cornea</i> , 2015, 34, 18-22.	0.9	11
58	Modelling the Deformation of the Human Cornea Produced by a Focussed Air Pulse. , 2015, , 93-100.		2
59	Incidence of ocular side effects with intravenous zoledronate: secondary analysis of a randomized controlled trial. <i>Osteoporosis International</i> , 2015, 26, 499-503.	1.3	37
60	Commentary. <i>Journal of Neurosciences in Rural Practice</i> , 2014, 5, 182-183.	0.3	0
61	Peripheral Neuropathy and Tear Film Dysfunction in Type 1 Diabetes Mellitus. <i>Journal of Diabetes Research</i> , 2014, 2014, 1-6.	1.0	59
62	Treatment of herpes zoster related corneal neovascularisation and lipid keratopathy by photodynamic therapy. <i>Australasian journal of optometry, The</i> , 2014, 97, 274-277.	0.6	5
63	Conservative biopsy excision and management of a large iris melanoma. <i>Australasian journal of optometry, The</i> , 2014, 97, 278-279.	0.6	2
64	Healthcare and a holiday: the risks of LASIK tourism. <i>Australasian journal of optometry, The</i> , 2014, 97, 370-372.	0.6	4
65	Outcomes of scleral-sutured conventional and aniridia intraocular lens implantation performed in a university hospital setting. <i>Journal of Cataract and Refractive Surgery</i> , 2014, 40, 609-617.	0.7	33
66	Hanging by threads: ectopia lentis. <i>Lancet, The</i> , 2014, 384, 893.	6.3	2
67	Acute Corneal Hydrops in Keratoconus—New Perspectives. <i>American Journal of Ophthalmology</i> , 2014, 157, 921-928.e1.	1.7	81
68	Topical antibiotics for the management of bacterial keratitis: an evidence-based review of high quality randomised controlled trials. <i>British Journal of Ophthalmology</i> , 2014, 98, 1470-1477.	2.1	97
69	A prospective study of acute corneal hydrops by in vivo confocal microscopy in a New Zealand population with keratoconus. <i>British Journal of Ophthalmology</i> , 2014, 98, 1296-1302.	2.1	23
70	Effectiveness of cataract phacoemulsification with toric intraocular lenses in addressing astigmatism after keratoplasty. <i>Journal of Cataract and Refractive Surgery</i> , 2014, 40, 2044-2049.	0.7	38
71	Biomechanical Responses of Healthy and Keratoconic Corneas Measured Using a Noncontact Scheimpflug-Based Tonometer. , 2014, 55, 3651.		171
72	InÂVivo Confocal Microscopy Analyses of Corneal Microstructural Changes in a Prospective Study of Collagen Cross-linking in Keratoconus. <i>Ophthalmology</i> , 2014, 121, 469-474.	2.5	72

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73	Understanding keratoconus: what have we learned from the New Zealand perspective?. Australasian journal of optometry, The, 2013, 96, 183-187.	0.6	23
74	The Auckland keratoconus study: Identifying predictors of acute corneal hydrops in keratoconus. Australasian journal of optometry, The, 2013, 96, 208-213.	0.6	44
75	Combining primary and piggyback intraocular lenses to treat extreme myopic astigmatism in stable keratoconus following cataract surgery. Australasian journal of optometry, The, 2013, 96, 242-244.	0.6	5
76	Comparison and Repeatability of Keratometric and Corneal Power Measurements Obtained by Orbscan II, Pentacam, and Galilei Corneal Tomography Systems. American Journal of Ophthalmology, 2013, 156, 53-60.	1.7	122
77	The Incidence of Acute Anterior Uveitis after Intravenous Zoledronate. Ophthalmology, 2013, 120, 773-776.	2.5	54
78	Quantitative analysis of in vivo confocal microscopy images: A review. Survey of Ophthalmology, 2013, 58, 466-475.	1.7	82
79	Keratocyte progenitor cell transplantation: A novel therapeutic strategy for corneal disease. Medical Hypotheses, 2013, 80, 122-124.	0.8	12
80	Chemical and Thermal Injuries to the Ocular Surface. , 2013, , 219-230.		2
81	A brief history of corneal transplantation: From ancient to modern. Oman Journal of Ophthalmology, 2013, 6, 12.	0.2	48
82	Presumed late recurrence of Acanthamoeba keratitis exacerbated by exposure to topical corticosteroids. Oman Journal of Ophthalmology, 2013, 6, 40.	0.2	4
83	Techniques for Wide-Field Assessment of the Human Corneal Subbasal Nerve Plexus. Cornea, 2013, 32, e140-e141.	0.9	6
84	Effect of Panretinal Photocoagulation on Corneal Sensation and the Corneal Subbasal Nerve Plexus in Diabetes Mellitus. , 2013, 54, 4485.		18
85	Interocular Comparison by In Vivo Confocal Microscopy of the 2-Dimensional Architecture of the Normal Human Corneal Subbasal Nerve Plexus. Cornea, 2012, 31, 1376-1380.	0.9	25
86	Comparison of Intraocular Pressure Measurement Using 4 Different Instruments Following Penetrating Keratoplasty. American Journal of Ophthalmology, 2012, 153, 412-418.	1.7	20
87	Prospective analysis of visual outcomes using apodized, diffractive multifocal intraocular lenses following phacoemulsification for cataract or clear lens extraction. Clinical and Experimental Ophthalmology, 2012, 40, 148-154.	1.3	20
88	Computerized corneal tomography and associated features in a large New Zealand keratoconic population. Journal of Cataract and Refractive Surgery, 2011, 37, 1493-1501.	0.7	43
89	Heavy-Chain Amyloidosis in TGFBI-Negative and Gelsolin-Negative Atypical Lattice Corneal Dystrophy. Cornea, 2011, 30, 1163-1166.	0.9	11
90	New therapeutic approaches in the treatment of diabetic keratopathy: a review. Clinical and Experimental Ophthalmology, 2011, 39, 259-270.	1.3	85

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91	Mooren's ulcer and amniotic membrane transplant: a simple surgical solution?. <i>Clinical and Experimental Ophthalmology</i> , 2011, 39, 383-385.	1.3	4
92	Resurgence of Acanthamoeba keratitis in Auckland, New Zealand: a 7-year review of presentation and outcomes. <i>Clinical and Experimental Ophthalmology</i> , 2010, 38, 15-20.	1.3	30
93	New Technology in Corneal Imaging. <i>International Ophthalmology Clinics</i> , 2010, 50, 177-189.	0.3	15
94	TGFBI mutational analysis in a New Zealand population of inherited corneal dystrophy patients. <i>British Journal of Ophthalmology</i> , 2010, 94, 836-842.	2.1	11
95	Laser Scanning In Vivo Confocal Microscopy Demonstrating Significant Alteration of Human Corneal Nerves Following Herpes Zoster Ophthalmicus. <i>Archives of Neurology</i> , 2010, 67, 640-1.	4.9	19
96	In Vivo Confocal Microscopy of Corneal Stromal Nerves in Patients With Peripheral Neuropathy. <i>Archives of Neurology</i> , 2009, 66, 1179.	4.9	11
97	Laser-scanning in vivo confocal microscopy reveals two morphologically distinct populations of stromal nerves in normal human corneas. <i>British Journal of Ophthalmology</i> , 2009, 93, 506-509.	2.1	12
98	<i>Acanthamoeba</i> keratitis: a comprehensive photographic reference of common and uncommon signs. <i>Clinical and Experimental Ophthalmology</i> , 2009, 37, 232-238.	1.3	33
99	Darwinian evolution or (r)evolution: ophthalmology and ophthalmic journals in the 21st century. <i>Clinical and Experimental Ophthalmology</i> , 2009, 37, 158-159.	1.3	0
100	The da Vinci Codex: here the figures, here the colours, here all the images of every part of the universe are contracted to a point. <i>Clinical and Experimental Ophthalmology</i> , 2009, 37, 1-1.	1.3	0
101	Cosmetic contact lens-related <i>Acanthamoeba</i> keratitis. <i>Clinical and Experimental Ophthalmology</i> , 2009, 37, 419-420.	1.3	12
102	Potentially blinding herbal eye remedies: <i>Cestrum nocturnum</i> or lady of the night. <i>Clinical and Experimental Ophthalmology</i> , 2009, 37, 531-532.	1.3	2
103	Manuscript rejection in ophthalmology and visual science journals: identifying and avoiding the common pitfalls. <i>Clinical and Experimental Ophthalmology</i> , 2009, 37, 864-867.	1.3	33
104	Publication and citation analysis of the Australian and New Zealand Journal of Ophthalmology and Clinical and Experimental Ophthalmology over a 10-year period: the evolution of an ophthalmology journal. <i>Clinical and Experimental Ophthalmology</i> , 2009, 37, 868-873.	1.3	22
105	Corneal Sensitivity and Slit Scanning In Vivo Confocal Microscopy of the Subbasal Nerve Plexus of the Normal Central and Peripheral Human Cornea. <i>Cornea</i> , 2009, 28, 735-740.	0.9	94
106	Surgery for the Dry Eye. <i>Clinical and Experimental Ophthalmology</i> , 2008, 36, 690-690.	1.3	1
107	Long-term microstructural changes following epikeratophakia: In vivo confocal microscopy study. <i>Journal of Cataract and Refractive Surgery</i> , 2008, 34, 1793-1798.	0.7	3
108	Laser Scanning In Vivo Confocal Analysis of Keratocyte Density in Keratoconus. <i>Ophthalmology</i> , 2008, 115, 845-850.	2.5	101

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109	In Vivo Laser Scanning Confocal Microscopy Confirms that the Human Corneal Sub-basal Nerve Plexus Is a Highly Dynamic Structure. , 2008, 49, 3409.		103
110	Multifocal lamellar keratitis following laser in situ keratomileusis. Journal of Cataract and Refractive Surgery, 2007, 33, 144-147.	0.7	7
111	Contemporary in vivo confocal microscopy of the living human cornea using white light and laser scanning techniques: a major review. Clinical and Experimental Ophthalmology, 2007, 35, 71-88.	1.3	168
112	Clinical and microstructural analysis of patients with hyper-reflective corneal endothelial nuclei imaged by in vivo confocal microscopy. Experimental Eye Research, 2006, 82, 682-687.	1.2	18
113	Mapping the Corneal Sub-basal Nerve Plexus in Keratoconus by In Vivo Laser Scanning Confocal Microscopy. , 2006, 47, 1348.		127
114	Laser Scanning In Vivo Confocal Microscopy of the Normal Human Corneoscleral Limbus. , 2006, 47, 2823.		99
115	Imaging the Microstructural Abnormalities of Meesmann Corneal Dystrophy by In Vivo Confocal Microscopy. Cornea, 2006, 25, 868-870.	0.9	3
116	Clinicopathological features of severe corneal blood staining associated with proliferative diabetic retinopathy. Clinical and Experimental Ophthalmology, 2006, 34, 272-274.	1.3	4
117	In Vivo Confocal Microscopy of Posterior Polymorphous Dystrophy. Cornea, 2005, 24, 550-554.	0.9	49
118	In Vivo Microstructural Analysis of the Cornea in Maroteaux-Lamy Syndrome. Cornea, 2005, 24, 623-625.	0.9	17
119	Imaging the Microstructural Abnormalities of Meesmann Corneal Dystrophy by In Vivo Confocal Microscopy. Cornea, 2005, 24, 669-673.	0.9	36
120	Inherited corneal disease: the evolving molecular, genetic and imaging revolution. Clinical and Experimental Ophthalmology, 2005, 33, 303-316.	1.3	30
121	In vivo confocal microstructural analysis of corneal endothelial changes in a patient on long-term chlorpromazine therapy. Graefe's Archive for Clinical and Experimental Ophthalmology, 2005, 243, 721-723.	1.0	18
122	Mapping of the Normal Human Corneal Sub-Basal Nerve Plexus by In Vivo Laser Scanning Confocal Microscopy. , 2005, 46, 4485.		261
123	Iris melanoma: pathology, prognosis and surgical intervention. Clinical and Experimental Ophthalmology, 2004, 32, 294-296.	1.3	10
124	Clinical Case Notes.. Clinical and Experimental Ophthalmology, 2004, 32, 539-542.	1.3	38