

# Mayank A Nanavaty

## List of Publications by Year in descending order

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Version: 2024-02-01

76  
papers

1,165  
citations

361296

20  
h-index

434063

31  
g-index

76  
all docs

76  
docs citations

76  
times ranked

981  
citing authors

#	ARTICLE	IF	CITATIONS
1	Non-technical skills simulation-based training model for managing intraoperative posterior capsule rupture during cataract surgery. <i>Eye</i> , 2023, 37, 474-479.	1.1	1
2	Preoperative funduscopy versus optical coherence tomography to detect occult maculopathy during cataract surgery preassessment. <i>Eye</i> , 2023, 37, 665-669.	1.1	3
3	Comparison of intraocular lens calculation methods after myopic laser-assisted in situ keratomileusis and radial keratotomy without prior refractive data. <i>British Journal of Ophthalmology</i> , 2022, 106, 47-53.	2.1	13
4	Cost-effective and adaptable cataract surgery simulation with basic technology. <i>Eye</i> , 2022, 36, 1384-1389.	1.1	4
5	Comparisons between cataract surgery and aviation. <i>Eye</i> , 2022, 36, 490-491.	1.1	4
6	A Review of Smartphone Apps Used for Toric Intraocular Lens Calculation and Alignment. <i>Vision (Switzerland)</i> , 2022, 6, 13.	0.5	2
7	Comparison of Anterior Corneal Aberrometry, Keratometry and Pupil Size with Scheimpflug Tomography and Ray Tracing Aberrometer. <i>Vision (Switzerland)</i> , 2022, 6, 18.	0.5	5
8	Principles of simulation and their role in enhancing cataract surgery training. <i>Eye</i> , 2022, , .	1.1	0
9	Curious case of chronic corneal oedema. <i>BMJ Case Reports</i> , 2022, 15, e246334.	0.2	0
10	“Face down” anterior vitrectomy for unexpected posterior capsule rupture as an alternative to pars plana vitrectomy. <i>Eye</i> , 2021, 35, 1515-1517.	1.1	2
11	Development of the HUman Factors in intraoperative Ophthalmic Emergencies Scoring System (HUFOES) for non-technical skills in cataract surgery. <i>Eye</i> , 2021, 35, 616-624.	1.1	5
12	Descemet membrane suturing to manage recurrent graft detachment in a patient with Descemet membrane endothelial keratoplasty on failed penetrating keratoplasty. <i>Therapeutic Advances in Ophthalmology</i> , 2021, 13, 251584142110277.	0.8	1
13	Femtosecond laser-assisted cataract surgery compared with phacoemulsification: the FACT non-inferiority RCT. <i>Health Technology Assessment</i> , 2021, 25, 1-68.	1.3	19
14	Validity of scoring systems for the assessment of technical and non-technical skills in ophthalmic surgery—a systematic review. <i>Eye</i> , 2021, 35, 1833-1849.	1.1	8
15	Recurring themes during cataract assessment and surgery. <i>Eye</i> , 2021, 35, 2482-2498.	1.1	5
16	Aerosol generation through pars plana vitrectomy. <i>British Journal of Ophthalmology</i> , 2021, 105, bjophthalmol-2020-317214.	2.1	1
17	Low-tech intraocular ophthalmic microsurgery simulation: A low-cost model for home use. <i>Indian Journal of Ophthalmology</i> , 2021, 69, 2846.	0.5	1
18	Impact of classifying keratoconus location based on keratometry or pachymetry on progression parameters. <i>Australasian journal of optometry</i> , The, 2020, 103, 312-319.	0.6	6

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19	Scanning Electron Microscopic of Intraocular Lens Pits after Nd:YAG Capsulotomy. <i>Ophthalmology</i> , 2020, 127, 1538.	2.5	0
20	Effect of Intraocular Lens Tilt and Decentration on Visual Acuity, Dysphotopsia and Wavefront Aberrations. <i>Vision (Switzerland)</i> , 2020, 4, 41.	0.5	50
21	Autoimmune Dry Eye without Significant Ocular Surface Co-Morbidities and Mental Health. <i>Vision (Switzerland)</i> , 2020, 4, 43.	0.5	1
22	Delayed Onset Scleromalacia and Conjunctival Bleb Formation Following Intraoperative Mitomycin C Application during Conjunctival Melanoma Excision. <i>Vision (Switzerland)</i> , 2020, 4, 24.	0.5	1
23	Refractive lens exchange with a trifocal intraocular lens in Fuchs endothelial dystrophy. <i>Journal of Cataract and Refractive Surgery</i> , 2020, 46, 478-481.	0.7	3
24	Femtosecond Laser-Assisted Cataract Surgery Versus Phacoemulsification Cataract Surgery (FACT). <i>Ophthalmology</i> , 2020, 127, 1012-1019.	2.5	38
25	Controversies regarding mask usage in ophthalmic units in the United Kingdom during the COVID-19 pandemic. <i>Eye</i> , 2020, 34, 1172-1174.	1.1	12
26	Re-endothelialization of bare stroma after descemet's detachment due to macroperforation during deep anterior lamellar keratoplasty. <i>Journal of Current Ophthalmology</i> , 2020, 32, 423.	0.3	0
27	Changes in symmetry of anterior chamber following routine cataract surgery in non-glaucomatous eyes. <i>Eye and Vision (London, England)</i> , 2019, 6, 19.	1.4	6
28	Residual Refractive Astigmatism following Toric Intraocular Lens Implantation without Consideration of Posterior Corneal Astigmatism during Cataract Surgery with Low Anterior Keratometric Astigmatism upto 2.5 Dioptres. <i>Current Eye Research</i> , 2019, 44, 1399-1406.	0.7	4
29	Misdiagnosed opacification of a hydrophobic acrylic intraocular lens. <i>Journal of Cataract and Refractive Surgery</i> , 2019, 45, 1512-1514.	0.7	0
30	Edge profile of commercially available square-edged intraocular lenses: Part 2. <i>Journal of Cataract and Refractive Surgery</i> , 2019, 45, 847-853.	0.7	21
31	Influence of peripheral corneal relaxing incisions during cataract surgery for corneal astigmatism up to 2.5 dioptres on corneal densitometry. <i>Eye</i> , 2019, 33, 804-811.	1.1	1
32	Small-pupil cataract surgery with/without hooks using femtosecond laser with fluid interface. <i>Canadian Journal of Ophthalmology</i> , 2018, 53, e124-e127.	0.4	4
33	Modified Descemet's stripping automated endothelial keratoplasty for eyes with glaucoma drainage devices and shallow anterior chambers. <i>International Ophthalmology</i> , 2018, 38, 1753-1757.	0.6	3
34	Modified Allogenic Simple Limbal Epithelial Transplantation Followed by Keratoplasty as Treatment for Total Limbal Stem Cell Deficiency. <i>Ocular Immunology and Inflammation</i> , 2018, 26, 1189-1191.	1.0	11
35	Deep anterior lamellar keratoplasty: A surgeon's guide. <i>Journal of Current Ophthalmology</i> , 2018, 30, 297-310.	0.3	33
36	Femtosecond laser-assisted cataract surgery in a public teaching hospital setting. <i>BMC Ophthalmology</i> , 2018, 18, 26.	0.6	13

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37	Commercial Slit Lamp Anterior Segment Photography versus Digital Compact Camera Mounted on a Standard Slit Lamp with an Adapter. <i>Current Eye Research</i> , 2018, 43, 1290-1294.	0.7	11
38	Unveiling opacification of intraocular lens following a successful penetrating keratoplasty for extensively scarred cornea due to microbial keratitis after Descemet's stripping automated endothelial keratoplasty. <i>Indian Journal of Ophthalmology</i> , 2018, 66, 696.	0.5	1
39	Evaluation of preloaded intraocular lens injection systems: Ex vivo study. <i>Journal of Cataract and Refractive Surgery</i> , 2017, 43, 558-563.	0.7	27
40	Toric Intraocular Lenses Versus Peripheral Corneal Relaxing Incisions for Astigmatism Between 0.75 and 2.5 Diopters During Cataract Surgery. <i>American Journal of Ophthalmology</i> , 2017, 180, 165-177.	1.7	38
41	Systematic review comparing penetrating keratoplasty and deep anterior lamellar keratoplasty for management of keratoconus. <i>Contact Lens and Anterior Eye</i> , 2017, 40, 3-14.	0.8	82
42	A randomized, fellow eye, comparison of keratometry, aberrometry, tear film, axial length and the anterior chamber depth after eye rubbing in non-keratoconic eyes. <i>Eye and Vision (London, England)</i> , 2017, 4, 19.	1.4	11
43	Peripheral corneal relaxing incisions based on anterior keratometry from Scheimpflug tomography versus Placido topography during standard cataract surgery. <i>Graefé's Archive for Clinical and Experimental Ophthalmology</i> , 2016, 254, 297-305.	1.0	5
44	<i>Mycobacterium chelonae</i> in a tectonic corneal graft. <i>Oman Journal of Ophthalmology</i> , 2016, 9, 177.	0.2	1
45	Management of Corneal Decompensation 4 Decades After Sputnik Intraocular Lens Implantation. <i>Eye and Contact Lens</i> , 2015, 41, e1-e4.	0.8	0
46	Recurrent microbial keratitis in eyes with keratoconjunctivitis sicca with coexisting ocular surface pathology. <i>Oman Journal of Ophthalmology</i> , 2014, 7, 161.	0.2	0
47	Reply. <i>Journal of Cataract and Refractive Surgery</i> , 2014, 40, 693-694.	0.7	0
48	Translenticular hydrodissection, lens fragmentation, and influence on ultrasound power in femtosecond laser-assisted cataract surgery and refractive lens exchange. <i>Journal of Cataract and Refractive Surgery</i> , 2014, 40, 37-43.	0.7	36
49	Transdermal androgen patches in evaporative dry eye syndrome with androgen deficiency: a pilot study. <i>British Journal of Ophthalmology</i> , 2014, 98, 567-569.	2.1	23
50	Endothelial keratoplasty versus penetrating keratoplasty for Fuchs endothelial dystrophy. <i>The Cochrane Library</i> , 2014, 2014, CD008420.	1.5	60
51	Eye Rubbing and Keratoconus: A Literature Review. <i>International Journal of Keratoconus and Ectatic Corneal Diseases</i> , 2014, 3, 118-121.	0.5	16
52	Fellow-eye comparison of posterior capsule opacification between 2 aspheric microincision intraocular lenses. <i>Journal of Cataract and Refractive Surgery</i> , 2013, 39, 705-711.	0.7	16
53	Comparison of equivalent keratometric indices on Scheimpflug tomography with Placido-based topography system at different optical zones. <i>British Journal of Ophthalmology</i> , 2013, 97, 350-356.	2.1	4
54	Posterior capsule opacification after lens implantation: incidence, risk factors and management. <i>Expert Review of Ophthalmology</i> , 2013, 8, 141-149.	0.3	18

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55	Intraocular Pressure Control and Corneal Graft Survival After Implantation of Ahmed Valve Device in High-Risk Penetrating Keratoplasty. <i>Cornea</i> , 2013, 32, 1099-1104.	0.9	20
56	Outcomes of deep anterior lamellar keratoplasty in keratoconic eyes with previous hydrops. <i>British Journal of Ophthalmology</i> , 2012, 96, 1304-1309.	2.1	32
57	Refractive lens exchange versus phakic intraocular lenses. <i>Current Opinion in Ophthalmology</i> , 2012, 23, 54-61.	1.3	25
58	Outcomes of Pseudophakic Toric Intraocular Lens Implantation in Keratoconic Eyes With Cataract. <i>Journal of Refractive Surgery</i> , 2012, 28, 884-890.	1.1	63
59	Fellow-eye comparison of 2 aspheric microincision intraocular lenses and effect of asphericity on visual performance. <i>Journal of Cataract and Refractive Surgery</i> , 2012, 38, 625-632.	0.7	5
60	Effect of intraocular lens asphericity on posterior capsule opacification between two intraocular lenses with same acrylic material: a fellow-eye study. <i>Acta Ophthalmologica</i> , 2012, 90, e104-8.	0.6	4
61	Endothelial keratoplasty versus penetrating keratoplasty for Fuchs endothelial dystrophy. , 2011, , CD008420.		16
62	Influence of different acrylic intraocular lens materials on optical quality of vision in pseudophakic eyes. <i>Journal of Cataract and Refractive Surgery</i> , 2011, 37, 1230-1238.	0.7	12
63	Use of the Double-Pass Technique to Quantify Ocular Scatter in Patients with Uveitis: A Pilot Study. <i>Ophthalmologica</i> , 2011, 225, 61-66.	1.0	25
64	Perioperative antibiotic prophylaxis during phacoemulsification and intraocular lens implantation: national survey of smaller eye units in England. <i>Clinical and Experimental Ophthalmology</i> , 2010, 38, 462-466.	1.3	16
65	Effect of intraocular lens asphericity on vertical coma aberration. <i>Journal of Cataract and Refractive Surgery</i> , 2010, 36, 215-221.	0.7	31
66	Islands of lens epithelial cells on the posterior capsule in pseudophakic eyes. <i>Journal of Cataract and Refractive Surgery</i> , 2010, 36, 1135-1141.	0.7	1
67	Wavefront aberrations, depth of focus, and contrast sensitivity with aspheric and spherical intraocular lenses: Fellow-eye study. <i>Journal of Cataract and Refractive Surgery</i> , 2009, 35, 663-671.	0.7	58
68	Edge profile of commercially available square-edged intraocular lenses. <i>Journal of Cataract and Refractive Surgery</i> , 2008, 34, 677-686.	0.7	64
69	Accommodative convergence per unit of accommodation ratio and bilateral LASIK in orthotropic patients. <i>Journal of Cataract and Refractive Surgery</i> , 2008, 34, 1055-1056.	0.7	0
70	Fellow-eye comparison of posterior capsule opacification with AcrySof SN60AT and AF-1 YA-60BB blue-blocking intraocular lenses. <i>Journal of Cataract and Refractive Surgery</i> , 2008, 34, 1489-1494.	0.7	23
71	Effect of hydrodissection alone and hydrodissection combined with rotation on lens epithelial cells. <i>Journal of Cataract and Refractive Surgery</i> , 2006, 32, 145-150.	0.7	29
72	Analysis of patients with good uncorrected distance and near vision after monofocal intraocular lens implantation. <i>Journal of Cataract and Refractive Surgery</i> , 2006, 32, 1091-1097.	0.7	53

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73	Effect of trypan blue staining on the density and viability of lens epithelial cells in white cataract. Journal of Cataract and Refractive Surgery, 2006, 32, 1483-1488.	0.7	32
74	Age-related Cataract: Management and Prevention. , 2006, , 159-174.		0
75	AcrySof Natural SN60AT versus AcrySof SA60AT intraocular lens in patients with color vision defects. Journal of Cataract and Refractive Surgery, 2005, 31, 2324-2328.	0.7	20
76	Phakic IOL implantation versus clear lens extraction in highly myopic eyes. Journal of Cataract and Refractive Surgery, 2005, 31, 2041.	0.7	6