

Vasilios F Diakonis

List of Publications by Year in descending order

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86
papers

2,289
citations

218677

26
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243625

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docs citations

86
times ranked

1656
citing authors

#	ARTICLE	IF	CITATIONS
1	Corneal Collagen Cross-linking With Riboflavin and Ultraviolet-A Irradiation in Patients With Thin Corneas. <i>American Journal of Ophthalmology</i> , 2012, 153, 24-28.	3.3	155
2	One-Year Follow-up of Corneal Confocal Microscopy After Corneal Cross-Linking in Patients With Post Laser In Situ Keratosis Ectasia and Keratoconus. <i>American Journal of Ophthalmology</i> , 2009, 147, 774-778.e1.	3.3	122
3	Combined Transepithelial Phototherapeutic Keratectomy and Corneal Collagen Cross-Linking for Progressive Keratoconus. <i>Ophthalmology</i> , 2012, 119, 1777-1784.	5.2	118
4	Long-term Follow-up of Intacs for Post-LASIK Corneal Ectasia. <i>Ophthalmology</i> , 2006, 113, 1909-1917.	5.2	109
5	Management of pediatric keratoconus - Evolving role of corneal collagen cross-linking: An update. <i>Indian Journal of Ophthalmology</i> , 2013, 61, 435.	1.1	86
6	Diffuse lamellar keratitis after corneal crosslinking in a patient with post-laser in situ keratomileusis corneal ectasia. <i>Journal of Cataract and Refractive Surgery</i> , 2007, 33, 2135-2137.	1.5	74
7	Combined Intacs and Posterior Chamber Toric Implantable Collamer Lens Implantation for Keratoconic Patients with Extreme Myopia. <i>American Journal of Ophthalmology</i> , 2007, 144, 387-389.e2.	3.3	73
8	Correlation of the Corneal Collagen Cross-Linking Demarcation Line Using Confocal Microscopy and Anterior Segment Optical Coherence Tomography in Keratoconic Patients. <i>American Journal of Ophthalmology</i> , 2014, 157, 110-115.e1.	3.3	70
9	Corneal Collagen Cross-linking for Progressive Keratoconus in Pediatric Patients: A Feasibility Study. <i>Journal of Refractive Surgery</i> , 2012, 28, 793-799.	2.3	60
10	Long-term Results of Thin Corneas After Refractive Laser Surgery. <i>American Journal of Ophthalmology</i> , 2007, 144, 181-185.e2.	3.3	56
11	Customized pachymetric guided epithelial debridement for corneal collagen cross linking. <i>BMC Ophthalmology</i> , 2009, 9, 10.	1.4	55
12	Anterior and posterior corneal stroma elasticity after corneal collagen crosslinking treatment. <i>Experimental Eye Research</i> , 2013, 116, 58-62.	2.6	54
13	Posterior Linear Stromal Haze Formation after Simultaneous Photorefractive Keratectomy followed by Corneal Collagen Cross-linking. , 2010, 51, 5030.		53
14	<p>Optical Coherence Tomography Angiography in Neurodegenerative Diseases: A Review</p>. <i>Eye and Brain</i> , 2020, Volume 12, 73-87.	2.5	51
15	Visual Outcomes and Safety of a Small Diameter Intrastromal Refractive Inlay for the Corneal Compensation of Presbyopia. <i>Journal of Refractive Surgery</i> , 2012, 28, 168-173.	2.3	51
16	Heads-up Cataract Surgery: Complication Rates, Surgical Duration, and Comparison With Traditional Microscopes. <i>Journal of Refractive Surgery</i> , 2019, 35, 318-322.	2.3	51
17	Alterations in Endothelial Cell Density After Photorefractive Keratectomy With Adjuvant Mitomycin. <i>American Journal of Ophthalmology</i> , 2007, 144, 99-103.e1.	3.3	50
18	Efficacy of 2 types of silicone hydrogel bandage contact lenses after photorefractive keratectomy. <i>Journal of Cataract and Refractive Surgery</i> , 2009, 35, 2103-2108.	1.5	47

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19	Corneal stromal elasticity and viscoelasticity assessed by atomic force microscopy after different cross linking protocols. <i>Experimental Eye Research</i> , 2015, 138, 1-5.	2.6	44
20	Combined Topical Application of a Regenerative Agent With a Bandage Contact Lens for the Treatment of Persistent Epithelial Defects. <i>Cornea</i> , 2014, 33, 868-872.	1.7	41
21	Clinical Outcomes after Binocular Implantation of a New Trifocal Diffractive Intraocular Lens. <i>Journal of Ophthalmology</i> , 2015, 2015, 1-6.	1.3	38
22	Evaluation of potential retinal toxicity of adalimumab (Humira). <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2009, 247, 1119-1125.	1.9	36
23	Combined transepithelial phototherapeutic keratectomy and conventional photorefractive keratectomy followed simultaneously by corneal crosslinking for keratoconus: Cretan protocol plus. <i>Journal of Cataract and Refractive Surgery</i> , 2017, 43, 1257-1262.	1.5	33
24	Prevalence of Keratoconus Among a Palestinian Tertiary Student Population. <i>Open Ophthalmology Journal</i> , 2015, 9, 172-176.	0.2	33
25	Comparison of Visual Outcomes and Patient Satisfaction After Bilateral Implantation of an EDOF IOL and a Mix-and-Match Approach. <i>Journal of Refractive Surgery</i> , 2019, 35, 408-416.	2.3	33
26	Long-term outcomes of corneal cross-linking for keratoconus in pediatric patients. <i>Journal of AAPOS</i> , 2017, 21, 397-401.	0.3	31
27	Comparison of surgically induced astigmatism between femtosecond laser and manual clear corneal incisions for cataract surgery. <i>Journal of Cataract and Refractive Surgery</i> , 2015, 41, 2075-2080.	1.5	30
28	Effects of Femtosecond Laser-Assisted Cataract Pretreatment on Pupil Diameter: A Comparison Between Three Laser Platforms. <i>Journal of Refractive Surgery</i> , 2016, 32, 84-88.	2.3	25
29	π-Electron Currents in Polycyclic Conjugated Hydrocarbons of Decreasing Aromatic Character and a Novel Structural Definition of Aromaticity#. <i>Open Organic Chemistry Journal</i> , 2011, 5, 11-26.	0.9	24
30	One-year results of photorefractive keratectomy and laser in situ keratomileusis for myopia using a 213 nm wavelength solid-state laser. <i>Journal of Cataract and Refractive Surgery</i> , 2007, 33, 971-977.	1.5	23
31	Anterior segment optical coherence tomography for demonstrating posterior capsular rent in posterior polar cataract. <i>Clinical Ophthalmology</i> , 2014, 8, 215.	1.8	22
32	Cyclorotation during femtosecond laser-assisted cataract surgery measured using iris registration. <i>Journal of Cataract and Refractive Surgery</i> , 2017, 43, 952-955.	1.5	22
33	Comparison of anterior capsule contraction between hydrophobic and hydrophilic intraocular lens models. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2010, 248, 1155-1158.	1.9	21
34	Differences in energy expenditure for conventional and femtosecond-assisted cataract surgery using 2 different phacoemulsification systems. <i>Journal of Cataract and Refractive Surgery</i> , 2017, 43, 16-21.	1.5	21
35	Nine-Year Follow-Up of Intacs Implantation for Keratoconus. <i>Open Ophthalmology Journal</i> , 2009, 3, 77-81.	0.2	21
36	Intrastromal corneal ring segment implantation with the femtosecond laser in a post-keratoplasty patient with recurrent keratoconus. <i>Journal of Cataract and Refractive Surgery</i> , 2007, 33, 1808-1810.	1.5	20

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37	Femtosecond laser-assisted retreatment for residual refractive errors after laser in situ keratomileusis. <i>Journal of Cataract and Refractive Surgery</i> , 2013, 39, 1241-1247.	1.5	20
38	Overcorrection after femtosecond-assisted astigmatic keratotomy in a post-Descemet-stripping automated endothelial keratoplasty patient. <i>Journal of Cataract and Refractive Surgery</i> , 2009, 35, 1833-1834.	1.5	19
39	Outcomes of combining a trifocal and a low-addition bifocal intraocular lens in patients seeking spectacle independence at all distances. <i>Journal of Cataract and Refractive Surgery</i> , 2019, 45, 620-629.	1.5	19
40	Management of Small Pupils in Femtosecond-assisted Cataract Surgery Pretreatment. <i>Ophthalmology</i> , 2013, 120, 2359-2360.e1.	5.2	18
41	Corneal elasticity after oxygen enriched high intensity corneal cross linking assessed using atomic force microscopy. <i>Experimental Eye Research</i> , 2016, 153, 51-55.	2.6	18
42	Endothelial Cell Loss in Diabetic and Nondiabetic Eyes After Cataract Surgery. <i>Cornea</i> , 2017, 36, 948-951.	1.7	18
43	Factors Affecting DSAEK Graft Lenticle Adhesion. <i>Cornea</i> , 2014, 33, 551-554.	1.7	17
44	Descemet stripping automated endothelial keratoplasty in a child after failed penetrating keratoplasty. <i>Journal of AAPOS</i> , 2012, 16, 95-96.	0.3	16
45	Corneal cross-linking (CXL) combined with refractive surgery for the comprehensive management of keratoconus: CXL plus. <i>Indian Journal of Ophthalmology</i> , 2020, 68, 2757.	1.1	15
46	Endothelial cell density after photorefractive keratectomy for moderate myopia using a 213 nm solid-state laser system. <i>Journal of Cataract and Refractive Surgery</i> , 2007, 33, 1866-1870.	1.5	14
47	Effect of excimer laser repetition rate on outcomes after photorefractive keratectomy. <i>Journal of Cataract and Refractive Surgery</i> , 2008, 34, 916-919.	1.5	14
48	Prospective Study of Foveal Thickness Alterations after Cataract Surgery Assessed by Optical Coherence Tomography. <i>Ophthalmologica</i> , 2012, 228, 53-58.	1.9	14
49	Long Term Followup of Photorefractive Keratectomy with Adjuvant Use of Mitomycin C. <i>Journal of Ophthalmology</i> , 2014, 2014, 1-5.	1.3	14
50	Anterior Capsulotomy Outcomes: A Comparison Between Two Femtosecond Laser Cataract Surgery Platforms. <i>Journal of Refractive Surgery</i> , 2015, 31, 821-825.	2.3	14
51	Impact of lens density and lens thickness on cumulative dissipated energy in femtosecond laser-assisted cataract surgery. <i>Lasers in Medical Science</i> , 2019, 34, 1229-1234.	2.1	13
52	Effects of Short-term Preoperative Topical Ketorolac on Pupil Diameter in Eyes Undergoing Femtosecond Laser-Assisted Capsulotomy. <i>Journal of Refractive Surgery</i> , 2017, 33, 230-234.	2.3	12
53	Anterior Segment Applications of In Vivo Confocal Microscopy. <i>Seminars in Ophthalmology</i> , 2015, 30, 243-251.	1.6	11
54	Comparison of phacoemulsification parameters between manual and femtosecond laser-assisted cataract surgery. <i>Canadian Journal of Ophthalmology</i> , 2018, 53, 542-547.	0.7	11

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55	Femtosecond Laser-Assisted Astigmatic Keratotomy for Postoperative Trabeculectomy-Induced Corneal Astigmatism. <i>Journal of Refractive Surgery</i> , 2014, 30, 502-504.	2.3	11
56	Corneal, Scleral, Choroidal, and Foveal Thickness in Patients with Rheumatoid Arthritis. <i>Türk Oftalmoloji Dergisi</i> , 2017, 47, 315-319.	0.9	11
57	Mitomycin C Aqueous Humor Concentration after Photorefractive Keratectomy: An Experimental Study. <i>European Journal of Ophthalmology</i> , 2009, 19, 738-742.	1.3	9
58	Riboflavin's Time-Dependent Degradation Rate Induced by Ultraviolet a Irradiation. <i>European Journal of Ophthalmology</i> , 2012, 22, 51-56.	1.3	9
59	Anterior Gas Breakthrough During Femtosecond Intrastromal Astigmatic Keratotomy (FISK). <i>Journal of Refractive Surgery</i> , 2014, 30, 1-2.	2.3	9
60	Descemet Membrane Thickening as a Sign for the Diagnosis of Corneal Graft Rejection: An Ex Vivo Study. <i>Cornea</i> , 2017, 36, 1535-1537.	1.7	9
61	Evaluation of Vitreous Clearance and Potential Retinal Toxicity of Intravitreal Lornoxicam (Xefo). <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2013, 29, 627-632.	1.4	8
62	Femtosecond-Assisted Big Bubble. <i>Cornea</i> , 2016, 35, 1668-1671.	1.7	8
63	Application of a Hydrogel Ocular Sealant to Avoid Recurrence of Epithelial Ingrowth After LASIK Enhancement. <i>Journal of Refractive Surgery</i> , 2015, 31, 275-277.	2.3	8
64	Automated Donor Tissue Preparation for Descemet Membrane Automated Endothelial Keratoplasty (DMAEK): An Experimental Study. <i>Ophthalmic Surgery Lasers and Imaging Retina</i> , 2011, 42, 158-161.	0.7	8
65	Femtosecond laser-assisted cataract surgery in a patient with posterior chamber phakic intraocular lens. <i>American Journal of Ophthalmology Case Reports</i> , 2016, 1, 11-12.	0.7	7
66	Complications of Femtosecond Laser-Assisted Re-treatment for Residual Refractive Errors After LASIK. <i>Journal of Refractive Surgery</i> , 2013, 29, 577-580.	2.3	7
67	The Effect of NSAID Pretreatment on Aqueous Humor Prostaglandin E ₂ Concentration in Eyes Undergoing Femtosecond Laser-Assisted Capsulotomy. <i>Journal of Ophthalmology</i> , 2018, 2018, 1-4.	1.3	6
68	The Effect of LASIK on Timing of Cataract Surgery. <i>Journal of Refractive Surgery</i> , 2016, 32, 306-310.	2.3	6
69	Refractive and Topographic Fluctuations Due to Intracorneal Ring Segments Motility. <i>Journal of Refractive Surgery</i> , 2014, 30, 140-142.	2.3	6
70	Contralateral-eye study of surface refractive treatments: Clinical and confocal microscopy evaluation. <i>Journal of Cataract and Refractive Surgery</i> , 2014, 40, 224-231.	1.5	5
71	Investigation into the quantitative and qualitative characteristics of choroidal melanoma through magnetic resonance imaging and B-scan ultrasound. <i>Clinical Ophthalmology</i> , 2017, Volume 11, 1557-1564.	1.8	5
72	Outcomes of Refractive Surgery in Patients With Topographic Superior Corneal Steepening. <i>Journal of Refractive Surgery</i> , 2012, 28, 462-467.	2.3	5

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73	Femtosecond Laser-Assisted Capsulotomy Markings for the Alignment of Toric IOLs: A New Technique. <i>Journal of Refractive Surgery</i> , 2018, 34, 711-712.	2.3	5
74	Cross-Linking as an Adjuvant Treatment for Tectonic Corneal Lamellar Graft Preparation. <i>Open Ophthalmology Journal</i> , 2013, 7, 79-81.	0.2	4
75	Femtosecond Laser-Assisted Intracorneal Biopolymer Insertion for the Symptomatic Treatment of Bullous Keratopathy. <i>Cornea</i> , 2014, 33, 540-543.	1.7	3
76	Outcomes of toric IOL implantation guided by iris-registered femtosecond laser capsulotomy markings. <i>International Ophthalmology</i> , 2021, 41, 4009-4015.	1.4	3
77	Retrephination of Eccentric Donor Graft for Descemet Stripping Automated Endothelial Keratoplasty. <i>Cornea</i> , 2011, 30, 1058-1060.	1.7	2
78	Confocal Microscopy Analysis of Corneal Changes After Photorefractive Keratectomy Plus Cross-linking for Keratoconus: 4-Year Follow-up. <i>American Journal of Ophthalmology</i> , 2015, 159, 203-204.	3.3	2
79	Second Femtosecond Laser Treatment Application for Completion of Partial Capsulotomy Caused by Suction Loss. <i>European Journal of Ophthalmology</i> , 2016, 26, e111-e113.	1.3	1
80	Crystalline lens endocapsular fragmentation using an elastic loop filament. <i>European Journal of Ophthalmology</i> , 2018, 28, 412-414.	1.3	1
81	Spontaneous resolution of vitreomacular traction. <i>Australasian journal of optometry, The</i> , 2020, 103, 386-389.	1.3	1
82	Author reply. <i>Ophthalmology</i> , 2014, 121, e49.	5.2	0
83	Intraocular lens power overestimation in a patient with history of circling keratotomy. <i>Saudi Journal of Ophthalmology</i> , 2016, 30, 198-200.	0.3	0
84	Outcomes of toric intraocular lens implantation after femtosecond laser and traditional cataract surgery. <i>Australasian journal of optometry, The</i> , 2021, 104, 69-73.	1.3	0
85	Long-term Follow-up of Pachymetric and Topographic Alterations after Corneal Collagen Cross-Linking for Keratoconus. <i>International Journal of Keratoconus and Ectatic Corneal Diseases</i> , 2012, 1, 22-25.	0.5	0
86	Corneal Cross Linking in Pediatric Keratoconus. , 2019, , 159-165.		0