

# J Bradley Randleman

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/10451869/j-bradley-randleman-publications-by-citations.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

115  
papers

5,316  
citations

36  
h-index

71  
g-index

137  
ext. papers

6,235  
ext. citations

3.6  
avg, IF

5.98  
L-index

#	Paper	IF	Citations
115	Risk factors and prognosis for corneal ectasia after LASIK. <i>Ophthalmology</i> , <b>2003</b> , 110, 267-75	7.3	517
114	Risk assessment for ectasia after corneal refractive surgery. <i>Ophthalmology</i> , <b>2008</b> , 115, 37-50	7.3	483
113	Dissatisfaction after multifocal intraocular lens implantation. <i>Journal of Cataract and Refractive Surgery</i> , <b>2009</b> , 35, 992-7	2.3	262
112	Mathematical model to compare the relative tensile strength of the cornea after PRK, LASIK, and small incision lenticule extraction. <i>Journal of Refractive Surgery</i> , <b>2013</b> , 29, 454-60	3.3	204
111	Corneal ectasia after laser in situ keratomileusis in patients without apparent preoperative risk factors. <i>Cornea</i> , <b>2006</b> , 25, 388-403	3.1	193
110	Validation of the Ectasia Risk Score System for preoperative laser in situ keratomileusis screening. <i>American Journal of Ophthalmology</i> , <b>2008</b> , 145, 813-8	4.9	178
109	Depth-dependent cohesive tensile strength in human donor corneas: implications for refractive surgery. <i>Journal of Refractive Surgery</i> , <b>2008</b> , 24, S85-9	3.3	163
108	The resident surgeon phacoemulsification learning curve. <i>JAMA Ophthalmology</i> , <b>2007</b> , 125, 1215-9		159
107	Post-laser in-situ keratomileusis ectasia: current understanding and future directions. <i>Current Opinion in Ophthalmology</i> , <b>2006</b> , 17, 406-12	5.1	152
106	Association between the percent tissue altered and post-laser in situ keratomileusis ectasia in eyes with normal preoperative topography. <i>American Journal of Ophthalmology</i> , <b>2014</b> , 158, 87-95.e1	4.9	145
105	SD-OCT analysis of regional epithelial thickness profiles in keratoconus, postoperative corneal ectasia, and normal eyes. <i>Journal of Refractive Surgery</i> , <b>2013</b> , 29, 173-9	3.3	128
104	Corneal ectasia after excimer laser keratorefractive surgery: histopathology, ultrastructure, and pathophysiology. <i>Ophthalmology</i> , <b>2008</b> , 115, 2181-2191.e1	7.3	122
103	Corneal cross-linking. <i>Survey of Ophthalmology</i> , <b>2015</b> , 60, 509-23	6.1	104
102	In Vivo Confocal Microscopy after Corneal Collagen Crosslinking. <i>Ocular Surface</i> , <b>2015</b> , 13, 298-314	6.5	95
101	LASIK interface complications: etiology, management, and outcomes. <i>Journal of Refractive Surgery</i> , <b>2012</b> , 28, 575-86	3.3	91
100	Transepithelial iontophoresis corneal collagen cross-linking for progressive keratoconus: initial clinical outcomes. <i>Journal of Refractive Surgery</i> , <b>2014</b> , 30, 746-53	3.3	86
99	Prevalence of keratoconus in paediatric patients in Riyadh, Saudi Arabia. <i>British Journal of Ophthalmology</i> , <b>2018</b> , 102, 1436-1441	5.5	82

98	Reshaping procedures for the surgical management of corneal ectasia. <i>Journal of Cataract and Refractive Surgery</i> , <b>2015</b> , 41, 842-72	2.3	76
97	Incidence, outcomes, and risk factors for retreatment after wavefront-optimized ablations with PRK and LASIK. <i>Journal of Refractive Surgery</i> , <b>2009</b> , 25, 273-6	3.3	75
96	Prevention and treatment of corneal graft rejection: current practice patterns (2004). <i>Cornea</i> , <b>2006</b> , 25, 286-90	3.1	68
95	Corneal ectasia after photorefractive keratectomy. <i>Journal of Cataract and Refractive Surgery</i> , <b>2006</b> , 32, 1395-8	2.3	63
94	Distinguishing Highly Asymmetric Keratoconus Eyes Using Combined Scheimpflug and Spectral-Domain OCT Analysis. <i>Ophthalmology</i> , <b>2018</b> , 125, 1862-1871	7.3	59
93	U.S. Multicenter Clinical Trial of Corneal Collagen Crosslinking for Treatment of Corneal Ectasia after Refractive Surgery. <i>Ophthalmology</i> , <b>2017</b> , 124, 1475-1484	7.3	57
92	Visual acuity and higher-order aberrations with wavefront-guided and wavefront-optimized laser in situ keratomileusis. <i>Journal of Cataract and Refractive Surgery</i> , <b>2010</b> , 36, 437-41	2.3	54
91	Outcomes of wavefront-optimized surface ablation. <i>Ophthalmology</i> , <b>2007</b> , 114, 983-8	7.3	52
90	Role of percent tissue altered on ectasia after LASIK in eyes with suspicious topography. <i>Journal of Refractive Surgery</i> , <b>2015</b> , 31, 258-65	3.3	51
89	The epidemiology of diffuse lamellar keratitis. <i>Cornea</i> , <b>2004</b> , 23, 680-8	3.1	50
88	Intraocular lens power calculations after laser in situ keratomileusis. <i>Cornea</i> , <b>2002</b> , 21, 751-5	3.1	47
87	Results of topography-guided laser in situ keratomileusis custom ablation treatment with a refractive excimer laser. <i>Journal of Cataract and Refractive Surgery</i> , <b>2016</b> , 42, 11-8	2.3	47
86	Corneal collagen cross-linking (CXL) combined with refractive procedures for the treatment of corneal ectatic disorders: CXL plus. <i>Journal of Refractive Surgery</i> , <b>2014</b> , 30, 566-76	3.3	45
85	Visual rehabilitation and outcomes for ectasia after corneal refractive surgery. <i>Journal of Cataract and Refractive Surgery</i> , <b>2008</b> , 34, 383-8	2.3	43
84	Epithelial and stromal remodeling after corneal collagen cross-linking evaluated by spectral-domain OCT. <i>Journal of Refractive Surgery</i> , <b>2014</b> , 30, 122-7	3.3	40
83	Complications of Refractive Surgery: Ectasia After Refractive Surgery. <i>International Ophthalmology Clinics</i> , <b>2016</b> , 56, 127-39	1.7	36
82	Comparative Functional Outcomes After Corneal Crosslinking Using Standard, Accelerated, and Accelerated With Higher Total Fluence Protocols. <i>Cornea</i> , <b>2019</b> , 38, 433-441	3.1	36
81	Inverse computational analysis of in vivo corneal elastic modulus change after collagen crosslinking for keratoconus. <i>Experimental Eye Research</i> , <b>2013</b> , 113, 92-104	3.7	33

80	Prevention and treatment of corneal graft rejection: current practice patterns of the Cornea Society (2011). <i>Cornea</i> , <b>2015</b> , 34, 609-14	3.1	33
79	Exacerbation of Avellino corneal dystrophy after LASIK in North America. <i>Cornea</i> , <b>2006</b> , 25, 482-4	3.1	33
78	Higher-order aberrations after wavefront-optimized photorefractive keratectomy and laser in situ keratomileusis. <i>Journal of Cataract and Refractive Surgery</i> , <b>2009</b> , 35, 260-4	2.3	32
77	Indications for and outcomes of penetrating keratoplasty performed by resident surgeons. <i>American Journal of Ophthalmology</i> , <b>2003</b> , 136, 68-75	4.9	32
76	Treatment strategies for corneal ectasia. <i>Current Opinion in Ophthalmology</i> , <b>2010</b> , 21, 255-8	5.1	31
75	Analysis of microkeratome thin flap architecture using Fourier-domain optical coherence tomography. <i>Journal of Refractive Surgery</i> , <b>2011</b> , 27, 759-63	3.3	30
74	Variability of subjective classifications of corneal topography maps from LASIK candidates. <i>Journal of Refractive Surgery</i> , <b>2013</b> , 29, 770-5	3.3	29
73	Relative contribution of flap thickness and ablation depth to the percentage of tissue altered in ectasia after laser in situ keratomileusis. <i>Journal of Cataract and Refractive Surgery</i> , <b>2015</b> , 41, 2493-500	2.3	28
72	Phacoemulsification with topical anesthesia performed by resident surgeons. <i>Journal of Cataract and Refractive Surgery</i> , <b>2004</b> , 30, 149-54	2.3	27
71	Intraocular lens power calculations after refractive surgery: consensus-K technique. <i>Journal of Cataract and Refractive Surgery</i> , <b>2007</b> , 33, 1892-8	2.3	25
70	Risk factors for epithelial defect formation during laser in situ keratomileusis. <i>Journal of Cataract and Refractive Surgery</i> , <b>2007</b> , 33, 1738-43	2.3	24
69	Analysis of cases and accuracy of 3 risk scoring systems in predicting ectasia after laser in situ keratomileusis. <i>Journal of Cataract and Refractive Surgery</i> , <b>2018</b> , 44, 979-992	2.3	22
68	Evaluating risk factors for ectasia: what is the goal of assessing risk?. <i>Journal of Refractive Surgery</i> , <b>2010</b> , 26, 236-7	3.3	22
67	Comparison of central and peripheral corneal thickness measurements with scanning-slit, Scheimpflug and Fourier-domain ocular coherence tomography. <i>British Journal of Ophthalmology</i> , <b>2015</b> , 99, 1176-81	5.5	21
66	Resident surgical experience with lens and corneal refractive surgery: survey of the ASCRS Young Physicians and Residents Membership. <i>Journal of Cataract and Refractive Surgery</i> , <b>2013</b> , 39, 279-84	2.3	21
65	Screening for Keratoconus and Related Ectatic Corneal Disorders. <i>Cornea</i> , <b>2015</b> , 34, e20-2	3.1	21
64	Effects of corneal cross-linking on ocular response analyzer waveform-derived variables in keratoconus and postrefractive surgery ectasia. <i>Eye and Contact Lens</i> , <b>2014</b> , 40, 339-44	3.2	21
63	Refractive changes after posterior segment surgery. <i>Ophthalmology Clinics of North America</i> , <b>2004</b> , 17, 521-6, v-vi		20

62	Establishing Corneal Cross-Linking With Riboflavin and UV-A in the Mouse Cornea In Vivo: Biomechanical Analysis <b>2015</b> , 56, 6581-90		19
61	Oxygen Diffusion May Limit the Biomechanical Effectiveness of Iontophoresis-Assisted Transepithelial Corneal Cross-linking. <i>Journal of Refractive Surgery</i> , <b>2018</b> , 34, 768-774	3-3	19
60	Individualized Corneal Cross-linking With Riboflavin and UV-A in Ultrathin Corneas: The Sub400 Protocol. <i>American Journal of Ophthalmology</i> , <b>2021</b> , 224, 133-142	4-9	19
59	Distinguishing Highly Asymmetric Keratoconus Eyes Using Dual Scheimpflug/Placido Analysis. <i>American Journal of Ophthalmology</i> , <b>2019</b> , 201, 46-53	4-9	18
58	Advanced Surface Ablation With a New Software for the Reduction of Ablation Irregularities. <i>Journal of Refractive Surgery</i> , <b>2017</b> , 33, 89-95	3-3	18
57	Epithelial remodeling after corneal crosslinking using higher fluence and accelerated treatment time. <i>Journal of Cataract and Refractive Surgery</i> , <b>2018</b> , 44, 306-312	2-3	17
56	Flap thickness in eyes with ectasia after laser in situ keratomileusis. <i>Journal of Cataract and Refractive Surgery</i> , <b>2012</b> , 38, 752-7	2-3	17
55	Utility of regional epithelial thickness measurements in corneal evaluations. <i>Survey of Ophthalmology</i> , <b>2020</b> , 65, 187-204	6-1	16
54	Corneal Ectasia After Hyperopic LASIK. <i>Journal of Refractive Surgery</i> , <b>2007</b> , 23, 98-99	3-3	15
53	Recalcitrant Epithelial Ingrowth After SMILE Treated With a Hydrogel Ocular Sealant. <i>Journal of Refractive Surgery</i> , <b>2015</b> , 31, 847-50	3-3	14
52	Bilaterally Asymmetric Corneal Ectasia Following SMILE With Asymmetrically Reduced Stromal Molecular Markers. <i>Journal of Refractive Surgery</i> , <b>2019</b> , 35, 6-14	3-3	14
51	Chronic pain after Intacs implantation. <i>Journal of Cataract and Refractive Surgery</i> , <b>2006</b> , 32, 875-8	2-3	13
50	High Fluence Increases the Antibacterial Efficacy of PACK Cross-Linking. <i>Cornea</i> , <b>2020</b> , 39, 1020-1026	3-1	12
49	Biomechanical Changes After LASIK Flap Creation Combined With Rapid Cross-Linking Measured With Brillouin Microscopy. <i>Journal of Refractive Surgery</i> , <b>2017</b> , 33, 408-414	3-3	11
48	Current and future applications of corneal cross-linking. <i>Current Opinion in Ophthalmology</i> , <b>2015</b> , 26, 206-13	5-1	11
47	Comparison of objective and subjective refractive surgery screening parameters between regular and high-resolution Scheimpflug imaging devices. <i>Journal of Cataract and Refractive Surgery</i> , <b>2015</b> , 41, 286-94	2-3	11
46	Bilateral Keratoconus Induced by Secondary Hypothyroidism After Radioactive Iodine Therapy. <i>Journal of Refractive Surgery</i> , <b>2018</b> , 34, 351-353	3-3	11
45	Depth-Dependent Reduction of Biomechanical Efficacy of Contact Lens-Assisted Corneal Cross-linking Analyzed by Brillouin Microscopy. <i>Journal of Refractive Surgery</i> , <b>2019</b> , 35, 721-728	3-3	11

44	Late-onset progression of keratoconus after therapy with selective tissue estrogenic activity regulator. <i>Journal of Cataract and Refractive Surgery</i> , <b>2019</b> , 45, 101-104	2.3	11
43	Blade source effect on laser in situ keratomileusis flap thickness with the Amadeus I microkeratome. <i>Journal of Cataract and Refractive Surgery</i> , <b>2008</b> , 34, 407-10	2.3	10
42	Bilateral methicillin-resistant <i>Staphylococcus aureus</i> keratitis after photorefractive keratectomy. <i>Journal of Cataract and Refractive Surgery</i> , <b>2007</b> , 33, 316-9	2.3	9
41	Outcome of LASIK in fleck corneal dystrophy. <i>Cornea</i> , <b>2006</b> , 25, 1262-4	3.1	9
40	Delayed reactivation of presumed adenoviral subepithelial infiltrates after laser in situ keratomileusis. <i>Cornea</i> , <b>2004</b> , 23, 302-5	3.1	9
39	Computational Biomechanical Analysis of Asymmetric Ectasia Risk in Unilateral Post-LASIK Ectasia. <i>Journal of Refractive Surgery</i> , <b>2016</b> , 32, 811-820	3.3	9
38	A comparison of 2 methods for estimating residual stromal bed thickness before repeat LASIK. <i>Ophthalmology</i> , <b>2005</b> , 112, 98-103	7.3	8
37	Persistent epithelial ingrowth. <i>Ophthalmology</i> , <b>2006</b> , 113, 1468.e1-3	7.3	8
36	Ectasia after photorefractive keratectomy. <i>Ophthalmology</i> , <b>2007</b> , 114, 396; author reply 396-7	7.3	7
35	Glaucomatous damage from pressure-induced stromal keratopathy after LASIK. <i>Journal of Refractive Surgery</i> , <b>2012</b> , 28, 378-9	3.3	7
34	Femtosecond-assisted LASIK: Complications and Management. <i>International Ophthalmology Clinics</i> , <b>2016</b> , 56, 59-66	1.7	7
33	Validation of the Percent Tissue Altered as a Risk Factor for Ectasia after LASIK. <i>Ophthalmology</i> , <b>2019</b> , 126, 908-909	7.3	6
32	Microsporidial stromal keratitis and endophthalmitis in an immunocompetent patient. <i>Journal of Ophthalmic Inflammation and Infection</i> , <b>2016</b> , 6, 30	2.3	6
31	Therapeutic flap amputation for atypical LASIK flap and interface abnormalities. <i>Journal of Refractive Surgery</i> , <b>2015</b> , 31, 61-7	3.3	6
30	Visual rehabilitation after severe alkali injury with piggyback hyper O2 contact lenses. <i>Cornea</i> , <b>2003</b> , 22, 181-3	3.1	6
29	The biology of corneal cross-linking derived from ultraviolet light and riboflavin. <i>Experimental Eye Research</i> , <b>2021</b> , 202, 108355	3.7	6
28	Intraocular lens calculations after laser vision correction. <i>Current Opinion in Ophthalmology</i> , <b>2017</b> , 28, 16-22	5.1	5
27	Influence of flap thickness on visual and refractive outcomes after laser in situ keratomileusis performed with a mechanical keratome. <i>Journal of Cataract and Refractive Surgery</i> , <b>2010</b> , 36, 810-3	2.3	5

26	Sequential Customized Therapeutic Keratectomy for Reis-Bücklers Corneal Dystrophy: Long-term Follow-up. <i>Journal of Refractive Surgery</i> , <b>2018</b> , 34, 682-688	3.3	5
25	Corneal higher-order aberrations measurements: Comparison between Scheimpflug and dual Scheimpflug-Placido technology in keratoconic eyes. <i>Journal of Cataract and Refractive Surgery</i> , <b>2019</b> , 45, 985-991	2.3	4
24	Comparing Change in Anterior Curvature After Corneal Cross-linking Using Scanning-slit and Scheimpflug Technology. <i>American Journal of Ophthalmology</i> , <b>2018</b> , 191, 129-134	4.9	4
23	Toric intraocular lens rotation to optimize refractive outcome despite appropriate intraoperative positioning. <i>Journal of Cataract and Refractive Surgery</i> , <b>2015</b> , 41, 878-83	2.3	4
22	Corneal and conjunctival changes after posterior segment surgery. <i>Ophthalmology Clinics of North America</i> , <b>2004</b> , 17, 513-20, v		4
21	Assessment of the mechanical forces applied during eye rubbing. <i>BMC Ophthalmology</i> , <b>2020</b> , 20, 301	2.3	4
20	Custom air puff-derived biomechanical variables in a refractive surgery screening setting: Study from 2 centers. <i>Journal of Cataract and Refractive Surgery</i> , <b>2018</b> , 44, 589-595	2.3	3
19	Corneal ectasia after hyperopic LASIK. <i>Journal of Refractive Surgery</i> , <b>2007</b> , 23, 98-102	3.3	3
18	Higher-order aberration measurements: Comparison between Scheimpflug and dual Scheimpflug-Placido technology in normal eyes. <i>Journal of Cataract and Refractive Surgery</i> , <b>2019</b> , 45, 490-494	2.3	2
17	Brillouin microscopic depth-dependent analysis of corneal crosslinking performed over or under the LASIK flap. <i>Journal of Cataract and Refractive Surgery</i> , <b>2020</b> , 46, 1543-1547	2.3	2
16	PACK-CXL vs. antimicrobial therapy for bacterial, fungal, and mixed infectious keratitis: a prospective randomized phase 3 trial.. <i>Eye and Vision (London, England)</i> , <b>2022</b> , 9, 2	4.9	2
15	Contribution of Bowman layer to corneal biomechanics. <i>Journal of Cataract and Refractive Surgery</i> , <b>2021</b> , 47, 927-932	2.3	2
14	Surface ablation. <i>International Ophthalmology Clinics</i> , <b>2008</b> , 48, 17-28	1.7	1
13	Topography-Guided Custom Ablation Photorefractive Keratectomy Treatment of Irregular Astigmatism Resulting From Decentered SMILE. <i>Journal of Refractive Surgery</i> , <b>2020</b> , 36, 766-771	3.3	1
12	High-Fluence Accelerated Epithelium-Off Corneal Cross-Linking Protocol Provides Dresden Protocol-Like Corneal Strengthening. <i>Translational Vision Science and Technology</i> , <b>2021</b> , 10, 10	3.3	1
11	Wavefront aberrations from corneal ectasia after laser in situ keratomileusis demonstrated by InterWave aberrometry. <i>Journal of Refractive Surgery</i> , <b>2004</b> , 20, 170-5	3.3	1
10	Differentiating highly asymmetric keratoconus eyes using a combined Scheimpflug/Placido device. <i>Journal of Cataract and Refractive Surgery</i> , <b>2020</b> , 46, 1588-1595	2.3	0
9	Comparative postoperative topography pattern recognition analysis using axial vs tangential curvature maps. <i>Journal of Cataract and Refractive Surgery</i> , <b>2020</b> , 46, 1368-1373	2.3	0

8 Corneal Ectasia **2018**, 123-132

7 Reply. *Ophthalmology*, **2019**, 126, e58 7:3

6 Reply. *Ophthalmology*, **2019**, 126, e56-e57 7:3

5 June consultation #2. *Journal of Cataract and Refractive Surgery*, **2015**, 41, 1324-7 2:3

4 LASIK: Late Postoperative Complications **2008**, 73-102

3 Cogan syndrome masquerading as corneal ectasia. *American Journal of Ophthalmology Case Reports*, **2021**, 24, 101215 1:3

2 Remembering George O. Waring, III. *Journal of Refractive Surgery*, **2015**, 31, 218-21 3:3

1 Reply to Comment on: Individualized Corneal Cross-Linking With Riboflavin and UV-A in Ultrathin Corneas: The Sub400 Protocol. *American Journal of Ophthalmology*, **2021**, 4:9