

# J Bradley Randleman

## List of Publications by Year in Descending Order

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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	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
114	Cogan syndrome masquerading as corneal ectasia. <i>American Journal of Ophthalmology Case Reports</i> , <b>2021</b> , 24, 101215	1.3	
113	Contribution of Bowman layer to corneal biomechanics. <i>Journal of Cataract and Refractive Surgery</i> , <b>2021</b> , 47, 927-932	2.3	2
112	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
111	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
110	Reply to Comment on: Individualized Corneal Cross-Linking With Riboflavin and UV-A in Ultrathin Corneas: The Sub400 Protocol. <i>American Journal of Ophthalmology</i> , <b>2021</b> ,	4.9	
109	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
108	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
107	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
106	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
105	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
104	High Fluence Increases the Antibacterial Efficacy of PACK Cross-Linking. <i>Cornea</i> , <b>2020</b> , 39, 1020-1026	3.1	12
103	Assessment of the mechanical forces applied during eye rubbing. <i>BMC Ophthalmology</i> , <b>2020</b> , 20, 301	2.3	4
102	Utility of regional epithelial thickness measurements in corneal evaluations. <i>Survey of Ophthalmology</i> , <b>2020</b> , 65, 187-204	6.1	16
101	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
100	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
99	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

98	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
97	Reply. <i>Ophthalmology</i> , <b>2019</b> , 126, e58	7:3	
96	Reply. <i>Ophthalmology</i> , <b>2019</b> , 126, e56-e57	7:3	
95	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
94	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
93	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
92	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
91	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
90	Corneal Ectasia <b>2018</b> , 123-132		
89	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
88	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
87	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
86	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
85	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
84	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
83	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
82	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
81	Intraocular lens calculations after laser vision correction. <i>Current Opinion in Ophthalmology</i> , <b>2017</b> , 28, 16-22	5:1	5

80	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
79	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
78	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
77	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
76	Complications of Refractive Surgery: Ectasia After Refractive Surgery. <i>International Ophthalmology Clinics</i> , <b>2016</b> , 56, 127-39	1.7	36
75	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
74	Femtosecond-assisted LASIK: Complications and Management. <i>International Ophthalmology Clinics</i> , <b>2016</b> , 56, 59-66	1.7	7
73	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
72	In Vivo Confocal Microscopy after Corneal Collagen Crosslinking. <i>Ocular Surface</i> , <b>2015</b> , 13, 298-314	6.5	95
71	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
70	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
69	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
68	Screening for Keratoconus and Related Ectatic Corneal Disorders. <i>Cornea</i> , <b>2015</b> , 34, e20-2	3.1	21
67	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
66	Current and future applications of corneal cross-linking. <i>Current Opinion in Ophthalmology</i> , <b>2015</b> , 26, 206-13	5.1	11
65	Establishing Corneal Cross-Linking With Riboflavin and UV-A in the Mouse Cornea In Vivo: Biomechanical Analysis <b>2015</b> , 56, 6581-90		19
64	Corneal cross-linking. <i>Survey of Ophthalmology</i> , <b>2015</b> , 60, 509-23	6.1	104
63	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

62	June consultation #2. <i>Journal of Cataract and Refractive Surgery</i> , <b>2015</b> , 41, 1324-7	2.3	
61	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
60	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
59	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
58	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
57	Remembering George O. Waring, III. <i>Journal of Refractive Surgery</i> , <b>2015</b> , 31, 218-21	3.3	
56	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
55	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
54	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
53	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
52	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
51	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
50	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
49	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
48	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
47	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
46	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
45	LASIK interface complications: etiology, management, and outcomes. <i>Journal of Refractive Surgery</i> , <b>2012</b> , 28, 575-86	3.3	91

44	Glaucomatous damage from pressure-induced stromal keratopathy after LASIK. <i>Journal of Refractive Surgery</i> , <b>2012</b> , 28, 378-9	3.3	7
43	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
42	Treatment strategies for corneal ectasia. <i>Current Opinion in Ophthalmology</i> , <b>2010</b> , 21, 255-8	5.1	31
41	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
40	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
39	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
38	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
37	Dissatisfaction after multifocal intraocular lens implantation. <i>Journal of Cataract and Refractive Surgery</i> , <b>2009</b> , 35, 992-7	2.3	262
36	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
35	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
34	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
33	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
32	Risk assessment for ectasia after corneal refractive surgery. <i>Ophthalmology</i> , <b>2008</b> , 115, 37-50	7.3	483
31	Corneal ectasia after excimer laser keratorefractive surgery: histopathology, ultrastructure, and pathophysiology. <i>Ophthalmology</i> , <b>2008</b> , 115, 2181-2191.e1	7.3	122
30	Surface ablation. <i>International Ophthalmology Clinics</i> , <b>2008</b> , 48, 17-28	1.7	1
29	LASIK: Late Postoperative Complications <b>2008</b> , 73-102		
28	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
27	The resident surgeon phacoemulsification learning curve. <i>JAMA Ophthalmology</i> , <b>2007</b> , 125, 1215-9		159

26	Ectasia after photorefractive keratectomy. <i>Ophthalmology</i> , <b>2007</b> , 114, 396; author reply 396-7	7.3	7
25	Outcomes of wavefront-optimized surface ablation. <i>Ophthalmology</i> , <b>2007</b> , 114, 983-8	7.3	52
24	Bilateral methicillin-resistant Staphylococcus aureus keratitis after photorefractive keratectomy. <i>Journal of Cataract and Refractive Surgery</i> , <b>2007</b> , 33, 316-9	2.3	9
23	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
22	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
21	Corneal Ectasia After Hyperopic LASIK. <i>Journal of Refractive Surgery</i> , <b>2007</b> , 23, 98-99	3.3	15
20	Corneal ectasia after hyperopic LASIK. <i>Journal of Refractive Surgery</i> , <b>2007</b> , 23, 98-102	3.3	3
19	Chronic pain after Intacs implantation. <i>Journal of Cataract and Refractive Surgery</i> , <b>2006</b> , 32, 875-8	2.3	13
18	Corneal ectasia after photorefractive keratectomy. <i>Journal of Cataract and Refractive Surgery</i> , <b>2006</b> , 32, 1395-8	2.3	63
17	Persistent epithelial ingrowth. <i>Ophthalmology</i> , <b>2006</b> , 113, 1468.e1-3	7.3	8
16	Exacerbation of Avellino corneal dystrophy after LASIK in North America. <i>Cornea</i> , <b>2006</b> , 25, 482-4	3.1	33
15	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
14	Outcome of LASIK in fleck corneal dystrophy. <i>Cornea</i> , <b>2006</b> , 25, 1262-4	3.1	9
13	Prevention and treatment of corneal graft rejection: current practice patterns (2004). <i>Cornea</i> , <b>2006</b> , 25, 286-90	3.1	68
12	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
11	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
10	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
9	The epidemiology of diffuse lamellar keratitis. <i>Cornea</i> , <b>2004</b> , 23, 680-8	3.1	50

8	Delayed reactivation of presumed adenoviral subepithelial infiltrates after laser in situ keratomileusis. <i>Cornea</i> , <b>2004</b> , 23, 302-5	3.1	9
7	Refractive changes after posterior segment surgery. <i>Ophthalmology Clinics of North America</i> , <b>2004</b> , 17, 521-6, v-vi		20
6	Corneal and conjunctival changes after posterior segment surgery. <i>Ophthalmology Clinics of North America</i> , <b>2004</b> , 17, 513-20, v		4
5	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
4	Visual rehabilitation after severe alkali injury with piggyback hyper O2 contact lenses. <i>Cornea</i> , <b>2003</b> , 22, 181-3	3.1	6
3	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
2	Risk factors and prognosis for corneal ectasia after LASIK. <i>Ophthalmology</i> , <b>2003</b> , 110, 267-75	7.3	517
1	Intraocular lens power calculations after laser in situ keratomileusis. <i>Cornea</i> , <b>2002</b> , 21, 751-5	3.1	47