

# Farhad Hafezi

## List of Publications by Year in descending order

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187  
papers

8,790  
citations

61945

43  
h-index

51562

86  
g-index

204  
all docs

204  
docs citations

204  
times ranked

4848  
citing authors

#	ARTICLE	IF	CITATIONS
1	Corneal collagen crosslinking with riboflavin and ultraviolet A to treat induced keratectasia after laser in situ keratomileusis. Journal of Cataract and Refractive Surgery, 2007, 33, 2035-2040.	0.7	376
2	Corneal Cross-Linking-Induced Stromal Demarcation Line. Cornea, 2006, 25, 1057-1059.	0.9	337
3	The absence of c-fos prevents light-induced apoptotic cell death of photoreceptors in retinal degeneration in vivo. Nature Medicine, 1997, 3, 346-349.	15.2	301
4	Collagen crosslinking with ultraviolet-A and hypoosmolar riboflavin solution in thin corneas. Journal of Cataract and Refractive Surgery, 2009, 35, 621-624.	0.7	286
5	Ultraviolet A/Riboflavin Corneal Cross-linking for Infectious Keratitis Associated With Corneal Melts. Cornea, 2008, 27, 590-594.	0.9	285
6	Five-Year Safety and Performance Results from the Argus II Retinal Prosthesis System Clinical Trial. Ophthalmology, 2016, 123, 2248-2254.	2.5	281
7	Progression of Keratoconus and Efficacy of Corneal Collagen Cross-linking in Children and Adolescents. Journal of Refractive Surgery, 2012, 28, 753-758.	1.1	266
8	The <i>Rpe65</i> Leu450Met Variation Increases Retinal Resistance Against Light-Induced Degeneration by Slowing Rhodopsin Regeneration. Journal of Neuroscience, 2001, 21, 53-58.	1.7	262
9	Protection of Rpe65-deficient mice identifies rhodopsin as a mediator of light-induced retinal degeneration. Nature Genetics, 2000, 25, 63-66.	9.4	253
10	Long-Term Results from an Epiretinal Prosthesis to Restore Sight to the Blind. Ophthalmology, 2015, 122, 1547-1554.	2.5	224
11	Apoptotic cell death in retinal degenerations. Progress in Retinal and Eye Research, 1998, 17, 443-464.	7.3	216
12	Fra-1 replaces c-Fos-dependent functions in mice. Genes and Development, 2000, 14, 2695-2700.	2.7	214
13	Corneal Biomechanical Properties at Different Corneal Cross-Linking (CXL) Irradiances. , 2014, 55, 2881.		199
14	The Biomechanical Effect of Corneal Collagen Cross-Linking (CXL) With Riboflavin and UV-A is Oxygen Dependent. Translational Vision Science and Technology, 2013, 2, 6.	1.1	192
15	Collagen Cross-Linking with Photoactivated Riboflavin (PACK-CXL) for the Treatment of Advanced Infectious Keratitis with Corneal Melting. Ophthalmology, 2014, 121, 1377-1382.	2.5	174
16	Contralateral Eye Study of Corneal Collagen Cross-linking With Riboflavin and UVA Irradiation in Patients With Keratoconus. Journal of Refractive Surgery, 2009, 25, 371-376.	1.1	174
17	<i>c-fos</i> Controls the "Private Pathway" of Light-Induced Apoptosis of Retinal Photoreceptors. Journal of Neuroscience, 2000, 20, 81-88.	1.7	158
18	Effect of treatment sequence in combined intrastromal corneal rings and corneal collagen crosslinking for keratoconus. Journal of Cataract and Refractive Surgery, 2009, 35, 2084-2091.	0.7	151

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19	Corneal cross-linking. Survey of Ophthalmology, 2015, 60, 509-523.	1.7	148
20	Prevalence of keratoconus in paediatric patients in Riyadh, Saudi Arabia. British Journal of Ophthalmology, 2018, 102, 1436-1441.	2.1	145
21	Corneal biomechanics – a review. Ophthalmic and Physiological Optics, 2017, 37, 240-252.	1.0	126
22	Scheimpflug Imaging of Corneas After Collagen Cross-Linking. Cornea, 2009, 28, 510-515.	0.9	125
23	Corneal Collagen Cross-Linking for Ectasia after LASIK and Photorefractive Keratectomy. Ophthalmology, 2013, 120, 1354-1359.	2.5	122
24	In Vivo Confocal Microscopy after Corneal Collagen Crosslinking. Ocular Surface, 2015, 13, 298-314.	2.2	121
25	Light-induced Apoptosis: Differential Timing in the Retina and Pigment Epithelium. Experimental Eye Research, 1997, 64, 963-970.	1.2	117
26	Q-factor customized ablation profile for the correction of myopic astigmatism. Journal of Cataract and Refractive Surgery, 2006, 32, 584-589.	0.7	114
27	Compound developmental eye disorders following inactivation of TGFbeta signaling in neural-crest stem cells. Journal of Biology, 2005, 4, 11.	2.7	110
28	Temporal Properties of Visual Perception on Electrical Stimulation of the Retina. , 2012, 53, 2720.		103
29	Intra- and Postoperative Variation in Ocular Response Analyzer Parameters in Keratoconic Eyes After Corneal Cross-Linking. Journal of Refractive Surgery, 2010, 26, 669-676.	1.1	100
30	Limitation of Collagen Cross-Linking With Hypoosmolar Riboflavin Solution: Failure in an Extremely Thin Cornea. Cornea, 2011, 30, 917-919.	0.9	98
31	Long-term Results of an Accelerated Corneal Cross-linking Protocol (18 mW/cm <sup>2</sup> ) for the Treatment of Progressive Keratoconus. American Journal of Ophthalmology, 2015, 160, 1164-1170.e1.	1.7	95
32	Light damage revisited: converging evidence, diverging views?. Graefe's Archive for Clinical and Experimental Ophthalmology, 1996, 234, 2-11.	1.0	78
33	PACK-CXL: Defining CXL for Infectious Keratitis. Journal of Refractive Surgery, 2014, 30, 438-439.	1.1	78
34	Pregnancy-related exacerbation of iatrogenic keratectasia despite corneal collagen crosslinking. Journal of Cataract and Refractive Surgery, 2008, 34, 1219-1221.	0.7	67
35	Increased Biomechanical Efficacy of Corneal Cross-linking in Thin Corneas Due to Higher Oxygen Availability. Journal of Refractive Surgery, 2015, 31, 840-846.	1.1	65
36	Safety Profile of High-Fluence Corneal Collagen Cross-Linking for Progressive Keratoconus: Preliminary Results From a Prospective Cohort Study. Journal of Refractive Surgery, 2013, 29, 846-848.	1.1	64

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37	Individualized Corneal Cross-linking With Riboflavin and UV-A in Ultrathin Corneas: The Sub400 Protocol. <i>American Journal of Ophthalmology</i> , 2021, 224, 133-142.	1.7	61
38	PACK-CXL: Corneal cross-linking in infectious keratitis. <i>Eye and Vision (London, England)</i> , 2016, 3, 11.	1.4	59
39	Antibacterial Efficacy of Accelerated Photoactivated Chromophore for Keratitisâ€œCorneal Collagen Cross-linking (PACK-CXL). <i>Journal of Refractive Surgery</i> , 2014, 30, 850-854.	1.1	53
40	Molecular ophthalmology: an update on animal models for retinal degenerations and dystrophies. <i>British Journal of Ophthalmology</i> , 2000, 84, 922-927.	2.1	52
41	Comparative Functional Outcomes After Corneal Crosslinking Using Standard, Accelerated, and Accelerated With Higher Total Fluence Protocols. <i>Cornea</i> , 2019, 38, 433-441.	0.9	52
42	Stromal Demarcation Line in Pulsed Versus Continuous Light Accelerated Corneal Cross-linking for Keratoconus. <i>Journal of Refractive Surgery</i> , 2016, 32, 206-208.	1.1	52
43	Corneal collagen crossâ€œlinking as treatment for infectious and noninfectious corneal melting in cats and dogs: results of a prospective, nonrandomized, controlled trial. <i>Veterinary Ophthalmology</i> , 2014, 17, 250-260.	0.6	47
44	Riboflavin/UVA Collagen Cross-Linking-Induced Changes in Normal and Keratoconus Corneal Stroma. <i>PLoS ONE</i> , 2011, 6, e22405.	1.1	47
45	Differential DNA binding activities of the transcription factors AP-1 and Oct-1 during light-induced apoptosis of photoreceptors. <i>Vision Research</i> , 1999, 39, 2511-2518.	0.7	46
46	Accelerated Photoactivated Chromophore for Keratitisâ€œCorneal Collagen Cross-linking as a First-line and Sole Treatment in Early Fungal Keratitis. <i>Journal of Refractive Surgery</i> , 2014, 30, 855-857.	1.1	46
47	Corneal Cross-Linking: Current USA Status: Report From the Cornea Society. <i>Cornea</i> , 2018, 37, 1218-1225.	0.9	46
48	Long term results of accelerated 9â€œmW corneal crosslinking for early progressive keratoconus: the Siena Eye-Cross Study 2. <i>Eye and Vision (London, England)</i> , 2021, 8, 16.	1.4	46
49	PACK-CXL: Corneal cross-linking for treatment of infectious keratitis. <i>Journal of Ophthalmic and Vision Research</i> , 2015, 10, 77.	0.7	43
50	An Algorithm to Predict the Biomechanical Stiffening Effect in Corneal Cross-linking. <i>Journal of Refractive Surgery</i> , 2017, 33, 128-136.	1.1	43
51	Biomechanical Properties of Human Cornea Tested by Two-Dimensional Extensiometry Ex Vivo in Fellow Eyes: Femtosecond Laserâ€œAssisted LASIK Versus SMILE. <i>Journal of Refractive Surgery</i> , 2018, 34, 419-423.	1.1	42
52	Modified corneal collagen crosslinking reduces corneal oedema and diurnal visual fluctuations in Fuchs dystrophy. <i>British Journal of Ophthalmology</i> , 2010, 94, 660-661.	2.1	40
53	Current concepts in crosslinking thin corneas. <i>Indian Journal of Ophthalmology</i> , 2019, 67, 8.	0.5	40
54	Corneal collagen crossâ€œlinking (<scp>CXL</scp>) for the treatment of melting keratitis in cats and dogs: a pilot study. <i>Veterinary Ophthalmology</i> , 2014, 17, 1-11.	0.6	39

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55	Accelerated Corneal Cross-Linking With Photoactivated Chromophore for Moderate Therapy-Resistant Infectious Keratitis. <i>Cornea</i> , 2018, 37, 528-531.	0.9	38
56	AP-1 mediated retinal photoreceptor apoptosis is independent of N-terminal phosphorylation of c-Jun. <i>Cell Death and Differentiation</i> , 2001, 8, 859-867.	5.0	37
57	Why study rod cell death in retinal degenerations and how?. <i>Documenta Ophthalmologica</i> , 2003, 106, 25-29.	1.0	37
58	Collagen copolymer toric phakic intraocular lens for residual myopic astigmatism after intrastromal corneal ring segment implantation and corneal collagen crosslinking in a 3-stage procedure for keratoconus. <i>Journal of Cataract and Refractive Surgery</i> , 2013, 39, 722-729.	0.7	37
59	Transepithelial Corneal Cross-linking Using an Enhanced Riboflavin Solution. <i>Journal of Refractive Surgery</i> , 2016, 32, 372-377.	1.1	37
60	Pregnancy May Trigger Late Onset of Keratectasia After LASIK. <i>Journal of Refractive Surgery</i> , 2012, 28, 242-243.	1.1	34
61	Management of antithrombotic therapies in patients scheduled for eye surgery. <i>European Journal of Anaesthesiology</i> , 2013, 30, 449-454.	0.7	34
62	Transitory Topographical Variations in Keratoconus During Pregnancy. <i>Journal of Refractive Surgery</i> , 2013, 29, 144-146.	1.1	33
63	Determining Progression in Ectatic Corneal Disease. <i>Asia-Pacific Journal of Ophthalmology</i> , 2020, 9, 541-548.	1.3	33
64	Continuous expression of the homeobox gene Pax6 in the ageing human retina. <i>Eye</i> , 2007, 21, 90-93.	1.1	31
65	Effect of ranibizumab on serous and vascular pigment epithelial detachments associated with exudative age-related macular degeneration. <i>Drug Design, Development and Therapy</i> , 2013, 7, 565.	2.0	31
66	Clinical Photoablation With a 500-Hz Scanning Spot Excimer Laser. <i>Journal of Refractive Surgery</i> , 2004, 20, 831-834.	1.1	31
67	Oxygen Diffusion May Limit the Biomechanical Effectiveness of Iontophoresis-Assisted Transepithelial Corneal Cross-linking. <i>Journal of Refractive Surgery</i> , 2018, 34, 768-774.	1.1	30
68	Marked remodelling of the anterior corneal surface following collagen cross-linking with riboflavin and UVA. <i>British Journal of Ophthalmology</i> , 2011, 95, 1171-1172.	2.1	28
69	Biomechanical Differences Between Femtosecond Lenticule Extraction (FLEX) and Small Incision Lenticule Extraction (SmILE) Tested by 2D-Extensometry in Ex Vivo Porcine Eyes. , 2017, 58, 2591.		28
70	Anterior Lamellar Keratoplasty With a Microkeratome: A Method for Managing Complications After Refractive Surgery. <i>Journal of Refractive Surgery</i> , 2003, 19, 52-57.	1.1	28
71	Apoptosis in the Retina: The Silent Death of Vision. <i>Physiology</i> , 2000, 15, 120-124.	1.6	27
72	Fra-1 substitutes for c-Fos in AP-1-mediated signal transduction in retinal apoptosis. <i>Journal of Neurochemistry</i> , 2002, 80, 1089-1094.	2.1	27

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73	High Fluence Increases the Antibacterial Efficacy of PACK Cross-Linking. <i>Cornea</i> , 2020, 39, 1020-1026.	0.9	27
74	Biomechanical Weakening of Different Re-treatment Options After Small Incision Lenticule Extraction (SMILE). <i>Journal of Refractive Surgery</i> , 2017, 33, 193-198.	1.1	27
75	Smoking and Corneal Biomechanics. <i>Ophthalmology</i> , 2009, 116, 2259-2259.e1.	2.5	25
76	Accelerated Corneal Cross-linking as an Adjunct Therapy in the Management of Presumed Bacterial Keratitis: A Cohort Study. <i>Journal of Refractive Surgery</i> , 2020, 36, 258-264.	1.1	24
77	Letter to the Editor. <i>Cell Death and Differentiation</i> , 1999, 6, 934-936.	5.0	23
78	Epithelial remodeling after corneal crosslinking using higher fluence and accelerated treatment time. <i>Journal of Cataract and Refractive Surgery</i> , 2018, 44, 306-312.	0.7	23
79	Persistent Subepithelial Haze in Thin-flap LASIK. <i>Journal of Refractive Surgery</i> , 2010, 26, 222-225.	1.1	23
80	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> , 2022, 9, 2.	1.4	23
81	Establishing Corneal Cross-Linking With Riboflavin and UV-A in the Mouse Cornea In Vivo: Biomechanical Analysis. , 2015, 56, 6581.		22
82	Pregnancy-induced Changes in Corneal Biomechanics and Topography Are Thyroid Hormone Related. <i>American Journal of Ophthalmology</i> , 2017, 184, 129-136.	1.7	22
83	Corneal Cross-Linking (CXL): Standardizing Terminology and Protocol Nomenclature. <i>Journal of Refractive Surgery</i> , 2017, 33, 727-729.	1.1	22
84	Detection of postlaser vision correction ectasia with a new combined biomechanical index. <i>Journal of Cataract and Refractive Surgery</i> , 2021, 47, 1314-1318.	0.7	22
85	Impact of Fluorescein on the Antimicrobial Efficacy of Photoactivated Riboflavin in Corneal Collagen Cross-linking. <i>Journal of Refractive Surgery</i> , 2013, 29, 842-845.	1.1	22
86	Corneal Topographical and Biomechanical Variations Associated With Hypothyroidism. <i>Journal of Refractive Surgery</i> , 2014, 30, 78-79.	1.1	21
87	Treatment of bullous keratopathy with corneal collagen cross-linking in two dogs. <i>Veterinary Ophthalmology</i> , 2015, 18, 168-173.	0.6	21
88	Quasi-Static Optical Coherence Elastography to Characterize Human Corneal Biomechanical Properties. , 2020, 61, 29.		21
89	The Effect of Standard and High-Fluence Corneal Cross-Linking (CXL) on Cornea and Limbus. , 2014, 55, 5783.		20
90	Corneal Cross-linking at the Slit Lamp. <i>Journal of Refractive Surgery</i> , 2021, 37, 78-82.	1.1	20

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91	Significant Visual Increase Following Infectious Keratitis After Collagen Cross-linking. Journal of Refractive Surgery, 2012, 28, 587-588.	1.1	19
92	Femtosecond laser versus mechanical microkeratome-assisted flap creation for LASIK: a prospective, randomized, paired-eye study. Clinical Ophthalmology, 2014, 8, 1883.	0.9	19
93	Depth-Dependent Reduction of Biomechanical Efficacy of Contact Lens-Assisted Corneal Cross-linking Analyzed by Brillouin Microscopy. Journal of Refractive Surgery, 2019, 35, 721-728.	1.1	19
94	Transgenic mice with ocular overexpression of an adrenomedullin receptor reflect human acute angle-closure glaucoma. Clinical Science, 2008, 114, 49-58.	1.8	18
95	Comparison of eye-rubbing effect in keratoconic eyes and healthy eyes using Scheimpflug analysis and a dynamic bidirectional applanation device. Journal of Cataract and Refractive Surgery, 2019, 45, 1156-1162.	0.7	18
96	Additive Effect of Repeated Corneal Collagen Cross-linking in Keratoconus. Journal of Refractive Surgery, 2014, 30, 716-718.	1.1	18
97	Matched Comparison Study of Total and Partial Epithelium Removal in Corneal Cross-linking. Journal of Refractive Surgery, 2015, 31, 110-115.	1.1	18
98	Biomechanical Properties of Human Cornea Tested by Two-Dimensional Extensimetry Ex Vivo in Fellow Eyes: PRK Versus SMILE. Journal of Refractive Surgery, 2019, 35, 501-505.	1.1	18
99	Corneal Collagen Cross-linking for Terrien Marginal Degeneration. Journal of Refractive Surgery, 2014, 30, 498-500.	1.1	17
100	Penetration depth of corneal cross-linking with riboflavin and UV-A (CXL) in horses and rabbits. Veterinary Ophthalmology, 2016, 19, 275-284.	0.6	17
101	Light-Induced Apoptosis in the Rat Retina in Vivo. , 1995, , 19-25.		17
102	Biomechanical Impact of Localized Corneal Cross-linking Beyond the Irradiated Treatment Area. Journal of Refractive Surgery, 2019, 35, 253-260.	1.1	16
103	Late-onset progression of keratoconus after therapy with selective tissue estrogenic activity regulator. Journal of Cataract and Refractive Surgery, 2019, 45, 101-104.	0.7	15
104	Bilateral Keratoconus Induced by Secondary Hypothyroidism After Radioactive Iodine Therapy. Journal of Refractive Surgery, 2018, 34, 351-353.	1.1	15
105	Two-step procedure to enlarge small optical zones after photorefractive keratectomy for high myopia. Journal of Cataract and Refractive Surgery, 2005, 31, 2254-2256.	0.7	14
106	Repeated Cross-linking After a Short Time Does Not Provide Any Additional Biomechanical Stiffness in the Mouse Cornea In Vivo. Journal of Refractive Surgery, 2017, 33, 56-60.	1.1	14
107	Mitomycin C Application After Corneal Cross-linking for Keratoconus Increases Stromal Haze. Journal of Refractive Surgery, 2021, 37, 83-90.	1.1	14
108	A Constant-Force Technique to Measure Corneal Biomechanical Changes after Collagen Cross-Linking. PLoS ONE, 2014, 9, e105095.	1.1	14

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109	The link between Keratoconus and posterior segment parameters: An updated, comprehensive review. <i>Ocular Surface</i> , 2022, 23, 116-122.	2.2	14
110	Assessment of the mechanical forces applied during eye rubbing. <i>BMC Ophthalmology</i> , 2020, 20, 301.	0.6	13
111	Determination of the Excimer Laser Ablation Rate in Previously Cross-linked Corneas. <i>Journal of Refractive Surgery</i> , 2014, 30, 628-632.	1.1	13
112	Customized ablation algorithm for the treatment of steep central islands after refractive laser surgery. <i>Journal of Cataract and Refractive Surgery</i> , 2006, 32, 717-721.	0.7	12
113	Corneal Cross-Linking as an Adjuvant Therapy in the Management of Recalcitrant Deep Stromal Fungal Keratitis: AARandomized Trial. <i>American Journal of Ophthalmology</i> , 2015, 160, 616-617.	1.7	12
114	Biomechanical stiffening: Slow low-irradiance corneal crosslinking versus the standard Dresden protocol. <i>Journal of Cataract and Refractive Surgery</i> , 2017, 43, 975-979.	0.7	12
115	Crosslinking for Recurrent Keratoconus. <i>Ophthalmology</i> , 2012, 119, 878-878.e2.	2.5	11
116	Corneal Collagen Cross-Linking for the Treatment of Acanthamoeba Keratitis. <i>Cornea</i> , 2013, 32, e189.	0.9	11
117	Anterior lamellar keratoplasty with a microkeratome: a method for managing complications after refractive surgery. <i>Journal of Refractive Surgery</i> , 2003, 19, 52-7.	1.1	11
118	The mouse ERG before and after light damage is independent of p53. <i>Documenta Ophthalmologica</i> , 1998, 96, 311-320.	1.0	10
119	Analysis of Riboflavin Compounds in the Rabbit Cornea <i>&lt;i&gt;In Vivo&lt;/i&gt;</i> . <i>Current Eye Research</i> , 2016, 41, 1166-1172.	0.7	10
120	Corneal Cross-Linking with Riboflavin and UV-A in the Mouse Cornea in Vivo: Morphological, Biochemical, and Physiological Analysis. <i>Translational Vision Science and Technology</i> , 2017, 6, 7.	1.1	10
121	Corneal Cross-Linking: The Evolution of Treatment for Corneal Diseases. <i>Frontiers in Pharmacology</i> , 2021, 12, 686630.	1.6	10
122	Collagen V insufficiency in a mouse model for Ehlers Danlos-syndrome affects viscoelastic biomechanical properties explaining thin and brittle corneas. <i>Scientific Reports</i> , 2021, 11, 17362.	1.6	10
123	Light-Adjustable Lens Complication. <i>Ophthalmology</i> , 2010, 117, 848-848.e1.	2.5	9
124	CXL at the Slit Lamp: No Clinically Relevant Changes in Corneal Riboflavin Distribution During Upright UV Irradiation. <i>Journal of Refractive Surgery</i> , 2017, 33, 281-281.	1.1	9
125	Higher-order aberration measurements: Comparison between Scheimpflug and dual Scheimpflugâ€“Placido technology in normal eyes. <i>Journal of Cataract and Refractive Surgery</i> , 2019, 45, 490-494.	0.7	9
126	High-Fluence Accelerated Epithelium-Off Corneal Cross-Linking Protocol Provides Dresden Protocolâ€“Like Corneal Strengthening. <i>Translational Vision Science and Technology</i> , 2021, 10, 10.	1.1	9



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127	Insulin Sensitivity and Atrial Natriuretic Factor During $\beta$ -Receptor Modulation with Celiprolol in Normal Subjects. <i>Journal of Cardiovascular Pharmacology</i> , 1994, 23, 877-883.	0.8	8
128	Contribution of Bowman layer to corneal biomechanics. <i>Journal of Cataract and Refractive Surgery</i> , 2021, 47, 927-932.	0.7	8
129	Collagen Cross- Linking for Paediatric Keratoconus. <i>Open Ophthalmology Journal</i> , 2017, 11, 211-216.	0.1	8
130	Similar Biomechanical Cross-linking Effect After SMILE and PRK in Human Corneas in an Ex Vivo Model for Postoperative Ectasia. <i>Journal of Refractive Surgery</i> , 2020, 36, 49-54.	1.1	8
131	Conservative Treatment of Vertical Diplopia in a Patient with Silent Sinus Syndrome. <i>Ophthalmologica</i> , 2003, 217, 308-309.	1.0	7
132	Tobacco Smoking and Its Impact on Corneal Biomechanics. , 2010, 51, 6892.		7
133	Differential Gene Transcription of Extracellular Matrix Components in Response to In Vivo Corneal Crosslinking (CXL) in Rabbit Corneas. <i>Translational Vision Science and Technology</i> , 2017, 6, 8.	1.1	7
134	Corneal higher-order aberrations measurements: Comparison between Scheimpflug and dual Scheimpflug-Placido technology in keratoconic eyes. <i>Journal of Cataract and Refractive Surgery</i> , 2019, 45, 985-991.	0.7	7
135	Pellucid marginal degeneration and keratoconus; Differential diagnosis by corneal topography. <i>Journal of Cataract and Refractive Surgery</i> , 2013, 39, 968.	0.7	6
136	Re: Prajna et Al.: Cross-Linking Assisted Infection Reduction: a randomized clinical trial evaluating the effect of adjuvant cross-linking on outcomes in fungal keratitis ( <i>Ophthalmology</i> . 2020;127:159-166). <i>Ophthalmology</i> , 2021, 128, e6.	2.5	6
137	Repeated High-Fluence Accelerated Slitlamp-Based Photoactivated Chromophore for Keratitis Corneal Cross-Linking for Treatment-Resistant Fungal Keratitis. <i>Cornea</i> , 2022, 41, 1058-1061.	0.9	6
138	Corneal Cross-Linking: Epi-On. <i>Cornea</i> , 2022, 41, 1203-1204.	0.9	6
139	Infections after PRK Could Have a Happy Ending: A Series of Three Cases. <i>Klinische Monatsblätter Für Augenheilkunde</i> , 2010, 227, 315-318.	0.3	5
140	Mid-Term Results of a Single Intrastromal Corneal Ring Segment for Mild to Moderate Progressive Keratoconus. <i>Cornea</i> , 2017, 36, 530-534.	0.9	5
141	Comparing Change in Anterior Curvature After Corneal Cross-linking Using Scanning-slit and Scheimpflug Technology. <i>American Journal of Ophthalmology</i> , 2018, 191, 129-134.	1.7	5
142	Effect of the Direct Application of Riboflavin and UVA on the Visian Implantable Collamer Lens. <i>Journal of Refractive Surgery</i> , 2010, 26, 762-765.	1.1	5
143	Corneal stromal demarcation line after 4 protocols of corneal crosslinking in keratoconus determined with anterior segment optical coherence tomography. <i>Journal of Cataract and Refractive Surgery</i> , 2018, 44, 1535.	0.7	4
144	Transferring Wavefront Measurements Into Corneal Ablations: An Overview of Related Topics. <i>Journal of Refractive Surgery</i> , 2004, 20, .	1.1	4

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145	Persistent Corneal Edema After Collagen Cross-Linking for Keratoconus. American Journal of Ophthalmology, 2013, 155, 610-611.	1.7	3
146	Photoactivated Chromophore for Moderate to Severe Infectious Keratitis as an Adjunct Therapy: A Randomized Controlled Trial. American Journal of Ophthalmology, 2016, 168, 293-294.	1.7	3
147	5-year efficacy of all surface laser ablation with cross-linking (ASLA-XTRA) for the treatment of myopia. Eye and Vision (London, England), 2020, 7, 31.	1.4	3
148	Impact of hypothermia on the biomechanical effect of epithelium-off corneal cross-linking. Eye and Vision (London, England), 2021, 8, 4.	1.4	3
149	Effects of riboflavin, calcium-phosphate layer and adhesive system on stress-strain behavior of demineralized dentin. American Journal of Dentistry, 2017, 30, 179-184.	0.1	3
150	Comparison between three different high fluence UVA levels in corneal collagen cross-linking for treatment of experimentally induced fungal keratitis in rabbits. European Journal of Ophthalmology, 2022, 32, 1907-1914.	0.7	3
151	A New Postoperative Regimen after CXL and PRK Using Topical NSAID and Steroids on the Open Ocular Surface. Journal of Clinical Medicine, 2022, 11, 4109.	1.0	3
152	Epithelial ingrowth cells after LASIK/ALTK (automated lamellar therapeutic keratoplasty): are they corneal epithelial stem cells?. British Journal of Ophthalmology, 2012, 96, 1043.3-1046.	2.1	2
153	Iris Varix as a Cause of Late-Onset Inflammation after Implantation of a Phakic Iris Claw Lens. Klinische Monatsblätter Fur Augenheilkunde, 2012, 229, 462-463.	0.3	2
154	Author reply. Ophthalmology, 2014, 121, e68.	2.5	2
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