

Eberhard Spoerl

List of Publications by Year in descending order

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39
papers

7,164
citations

377584

21
h-index

406436

35
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39
docs citations

39
times ranked

3523
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of upper eyelid blepharoplasty on corneal biomechanical, topographic and tomographic parameters 4 weeks after surgery. <i>International Ophthalmology</i> , 2022, 42, 113-121.	0.6	6
2	Statistical Evaluation of Correlated Measurement Data in Longitudinal Setting Based on Bilateral Corneal Cross-Linking. <i>Current Eye Research</i> , 2022, , 1-8.	0.7	0
3	Risk Factors for Progression of Keratoconus and Failure Rate After Corneal Cross-linking. <i>Journal of Refractive Surgery</i> , 2021, 37, 816-823.	1.1	21
4	Intraocular pressure measurements in diabetes mellitus. <i>European Journal of Ophthalmology</i> , 2020, 30, 1432-1439.	0.7	4
5	Comparison of waveform-derived corneal stiffness and stress-strain extensometry-derived corneal stiffness using different cross-linking irradiances: an experimental study with air-puff applanation of ex vivo porcine eyes. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2020, 258, 2173-2184.	1.0	14
6	A new biomechanical glaucoma factor to discriminate normal eyes from normal pressure glaucoma eyes. <i>Acta Ophthalmologica</i> , 2019, 97, e962-e967.	0.6	28
7	Assessment of corneal biomechanical parameters in healthy and keratoconic eyes using dynamic bidirectional applanation device and dynamic Scheimpflug analyzer. <i>Journal of Cataract and Refractive Surgery</i> , 2019, 45, 778-788.	0.7	42
8	Intraocular Pressure Measurement Using Ocular Response Analyzer, Dynamic Contour Tonometer, and Scheimpflug Analyzer Corvis ST. <i>Journal of Ophthalmology</i> , 2019, 2019, 1-9.	0.6	8
9	Bleb Morphology After Mitomycin-C Augmented Trabeculectomy: Comparison Between Clinical Evaluation and Anterior Segment Optical Coherence Tomography. <i>Journal of Glaucoma</i> , 2019, 28, 447-451.	0.8	22
10	Argon laser peripheral iridoplasty for chronic primary angle-closure and angle-closure glaucoma in caucasians. <i>Acta Ophthalmologica</i> , 2019, 97, e225-e230.	0.6	4
11	Retinal venous pressure is higher than the airway pressure and the intraocular pressure during the Valsalva manoeuvre. <i>Acta Ophthalmologica</i> , 2018, 96, e68-e73.	0.6	14
12	Influence of the beam profile crosslinking setting on changes in corneal topography and tomography in progressive keratoconus: Preliminary results. <i>Journal of Cataract and Refractive Surgery</i> , 2018, 44, 718-724.	0.7	9
13	Confocal microscopy evaluation of stromal fluorescence intensity after standard and accelerated iontophoresis-assisted corneal cross-linking. <i>International Ophthalmology</i> , 2017, 37, 235-243.	0.6	3
14	Response to the comment on "The biomechanical properties of the cornea of patients with glaucoma treated with anti-glaucoma topical medication". <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2017, 255, 633-634.	1.0	0
15	Corneal Biomechanical Changes After Trabeculectomy and the Impact on Intraocular Pressure Measurement. <i>Journal of Glaucoma</i> , 2017, 26, 278-282.	0.8	19
16	Iontophoresis Transcorneal Delivery Technique for Transepithelial Corneal Collagen Crosslinking With Riboflavin in a Rabbit Model. , 2016, 57, 594.		82
17	Effect of selective laser trabeculoplasty on corneal biomechanics. <i>Acta Ophthalmologica</i> , 2016, 94, e501-4.	0.6	13
18	Preoperative intraocular pressure as a predictor of selective laser trabeculoplasty efficacy. <i>Acta Ophthalmologica</i> , 2016, 94, 692-696.	0.6	37

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19	Characterization of Ocular Biomechanics in Pellucid Marginal Degeneration. <i>Cornea</i> , 2016, 35, 506-509.	0.9	10
20	Analyzing biomechanical parameters of the cornea with glaucoma severity in open-angle glaucoma. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2016, 254, 1345-1351.	1.0	34
21	Nocturnal blood pressure in primary open-angle glaucoma. <i>Acta Ophthalmologica</i> , 2015, 93, e621-6.	0.6	24
22	Concept for analyzing biomechanical parameters in clinical studies. <i>Contact Lens and Anterior Eye</i> , 2015, 38, 389.	0.8	8
23	Corneal collagen crosslinking with riboflavin and ultraviolet-A light in progressive keratoconus: Ten-year results. <i>Journal of Cataract and Refractive Surgery</i> , 2015, 41, 41-46.	0.7	340
24	Central retinal venous pulsation pressure in different stages of primary open-angle glaucoma. <i>British Journal of Ophthalmology</i> , 2014, 98, 1374-1378.	2.1	26
25	Imaging Mass Spectrometry by Matrix-Assisted Laser Desorption/Ionization and Stress-Strain Measurements in Iontophoresis Transepithelial Corneal Collagen Cross-Linking. <i>BioMed Research International</i> , 2014, 2014, 1-12.	0.9	36
26	First Proposed Efficacy Study of High Versus Standard Irradiance and Fractionated Riboflavin/Ultraviolet A Cross-Linking With Equivalent Energy Exposure. <i>Eye and Contact Lens</i> , 2014, 40, 353-357.	0.8	39
27	Corneal Crosslinking with Riboflavin and Ultraviolet A. I. Principles. <i>Ocular Surface</i> , 2013, 11, 65-74.	2.2	211
28	The Efficacy of Corneal Cross-Linking Shows a Sudden Decrease with Very High Intensity UV Light and Short Treatment Time. , 2013, 54, 1176.		218
29	Riboflavin Osmolar Modification for Transepithelial Corneal Cross-Linking. <i>Current Eye Research</i> , 2012, 37, 234-238.	0.7	78
30	Identification of Biomechanical Properties of the Cornea: The Ocular Response Analyzer. <i>Current Eye Research</i> , 2012, 37, 553-562.	0.7	187
31	Effect of diabetes mellitus on corneal biomechanics and measurement of intraocular pressure. <i>Acta Ophthalmologica</i> , 2012, 90, e447-51.	0.6	73
32	Detection of Biomechanical Changes After Corneal Cross-Linking Using Ocular Response Analyzer Software. <i>Journal of Refractive Surgery</i> , 2011, 27, 452-457.	1.1	121
33	Collagen crosslinking with riboflavin and ultraviolet-A light in keratoconus: Long-term results. <i>Journal of Cataract and Refractive Surgery</i> , 2008, 34, 796-801.	0.7	818
34	Cigarette Smoking is Negatively Associated With Keratoconus. <i>Journal of Refractive Surgery</i> , 2008, 24, S737-40.	1.1	261
35	Effect of Central Corneal Thickness, Corneal Curvature, and Axial Length on Applanation Tonometry. <i>JAMA Ophthalmology</i> , 2006, 124, 471.	2.6	307
36	Increased resistance of crosslinked cornea against enzymatic digestion. <i>Current Eye Research</i> , 2004, 29, 35-40.	0.7	573

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37	Riboflavin/ultraviolet-aâ€“induced collagen crosslinking for the treatment of keratoconus. American Journal of Ophthalmology, 2003, 135, 620-627.	1.7	2,473
38	Stress-strain measurements of human and porcine corneas after riboflavinâ€“ultraviolet-A-induced cross-linking. Journal of Cataract and Refractive Surgery, 2003, 29, 1780-1785.	0.7	880
39	Manifest diabetes and keratoconus: A retrospective case-control study. Graefe's Archive for Clinical and Experimental Ophthalmology, 2000, 238, 822-825.	1.0	121