Renato AmbrÃ³sio Jr

List of Publications by Year
in descending order

184	9,886	41344	39675
papers	citations	49 h-index	94 g-index

186	186	186	3553
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Global Consensus on Keratoconus and Ectatic Diseases. Cornea, 2015, 34, 359-369.	1.7	730
2	The Corneal Wound Healing Response:. Progress in Retinal and Eye Research, 2001, 20, 625-637.	15.5	529
3	Wound Healing in the Cornea. Cornea, 2005, 24, 509-522.	1.7	378
4	Apoptosis, necrosis, proliferation, and myofibroblast generation in the stroma following LASIK and PRK. Experimental Eye Research, 2003, 76, 71-87.	2.6	374
5	Corneal-thickness spatial profile and corneal-volume distribution: Tomographic indices to detect keratoconus. Journal of Cataract and Refractive Surgery, 2006, 32, 1851-1859.	1.5	371
6	Detection of Keratoconus With a New Biomechanical Index. Journal of Refractive Surgery, 2016, 32, 803-810.	2.3	363
7	Integration of Scheimpflug-Based Corneal Tomography and Biomechanical Assessments for Enhancing Ectasia Detection. Journal of Refractive Surgery, 2017, 33, 434-443.	2.3	309
8	Novel Pachymetric Parameters Based on Corneal Tomography for Diagnosing Keratoconus. Journal of Refractive Surgery, 2011, 27, 753-758.	2.3	290
9	LASIK-associated Dry Eye and Neurotrophic Epitheliopathy: Pathophysiology and Strategies for Prevention and Treatment. Journal of Refractive Surgery, 2008, 24, 396-407.	2.3	205
10	Corneal Biomechanical Metrics and Anterior Segment Parameters in Mild Keratoconus. Ophthalmology, 2010, 117, 673-679.	5.2	202
11	Complications of Laser in situ Keratomileusis: Etiology, Prevention, and Treatment. Journal of Refractive Surgery, 2001, 17, 350-379.	2.3	194
12	Introduction of Two Novel Stiffness Parameters and Interpretation of Air Puffâ€“Induced Biomechanical Deformation Parameters With a Dynamic Scheimpflug Analyzer. Journal of Refractive Surgery, 2017, 33, 266-273.	2.3	190
13	Influence of Pachymetry and Intraocular Pressure on Dynamic Corneal Response Parameters in Healthy Patients. Journal of Refractive Surgery, 2016, 32, 550-561.	2.3	168
14	Corneal Topographic and Pachymetric Screening of Keratorefractive Patients. Journal of Refractive Surgery, 2003, 19, 24-29.	2.3	158
15	Evaluation of Corneal Shape and Biomechanics Before LASIK. International Ophthalmology Clinics, 2011, 51, 11-38.	0.7	146
16	Corneal Ectasia After LASIK Despite Low Preoperative Risk: Tomographic and Biomechanical Findings in the Unoperated, Stable, Fellow Eye. Journal of Refractive Surgery, 2010, 26, 906-911.	2.3	146
17	Laser in situ keratomileusis-induced neurotrophic epitheliopathy. American Journal of Ophthalmology, 2001, 132, 405-406.	3.3	145
18	Dynamic ultra high speed Scheimpflug imaging for assessing corneal biomechanical properties. Revista Brasileira De Oftalmologia, 2013, 72, 99-102.	0.1	138

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19	Determination of Corneal Biomechanical Behavior in-vivo for Healthy Eyes Using CorVis ST Tonometry: Stress-Strain Index. Frontiers in Bioengineering and Biotechnology, 2019, 7, 105.	4.1	138
20	Dry eye associated with laser in situ keratomileusis: Mechanical microkeratome versus femtosecond laser. Journal of Cataract and Refractive Surgery, 2009, 35, 1756-1760.	1.5	136
21	Corneal cells: chatty in development, homeostasis,wound healing, and disease. American Journal of Ophthalmology, 2003, 136, 530-536.	3.3	132
22	Enhanced Tomographic Assessment to Detect Corneal Ectasia Based on Artificial Intelligence. American Journal of Ophthalmology, 2018, 195, 223-232.	3.3	130
23	Corneal Densitometry in Keratoconus. Cornea, 2014, 33, 1282-1286.	1.7	125
24	Scheimpflug imaging for keratoconus and ectatic disease. Indian Journal of Ophthalmology, 2013, 61, 401.	1.1	124
25	Biomechanical Characterization of Subclinical Keratoconus Without Topographic or Tomographic Abnormalities. Journal of Refractive Surgery, 2017, 33, 399-407.	2.3	120
26	Imaging of the Cornea: Topography vs Tomography. Journal of Refractive Surgery, 2010, 26, 847-849.	2.3	116
27	Scheimpflug imaging for laser refractive surgery. Current Opinion in Ophthalmology, 2013, 24, 310-320.	2.9	109
28	Screening for Ectasia Risk: What Are We Screening For and How Should We Screen For It?. Journal of Refractive Surgery, 2013, 29, 230-232.	2.3	93
29	Ocular Response Analyzer Measurements in Keratoconus with Normal Central Corneal Thickness Compared with Matched Normal Control Eyes. Journal of Refractive Surgery, 2011, 27, 209-215.	2.3	91
30	Diagnostic Ability of Corneal Shape and Biomechanical Parameters for Detecting Frank Keratoconus. Cornea, 2018, 37, 1025-1034.	1.7	90
31	Accuracy of Scheimpflug-derived corneal biomechanical and tomographic indices for detecting subclinical and mild keratectasia in a South Asian population. Journal of Cataract and Refractive Surgery, 2019, 45, 328-336.	1.5	85
32	Discriminant Value of Custom Ocular Response Analyzer Waveform Derivatives inÂKeratoconus. Ophthalmology, 2014, 121, 459-468.	5.2	82
33	Corneal Biomechanical Metrics in Eyes With Refraction of â€“19.00 to +9.00 D in Healthy Brazilian Patients. Journal of Refractive Surgery, 2008, 24, 941-945.	2.3	80
34	Enhanced Ectasia Detection Using Corneal Tomography and Biomechanics. American Journal of Ophthalmology, 2019, 197, 7-16.	3.3	76
35	What's in a Name: Keratoconus, Pellucid Marginal Degeneration, and Related Thinning Disorders. American Journal of Ophthalmology, 2011, 152, 157-162.e1.	3.3	74
36	Pentacam Characterization of Corneas with Fuchs Dystrophy Treated with Descemet Membrane Endothelial Keratoplasty. Journal of Refractive Surgery, 2010, 26, 972-979.	2.3	74

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37	Sporadic Diffuse Lamellar Keratitis (DLK) After LASIK. Cornea, 2002, 21, 560-563.	1.7	73
38	Biomechanical diagnostics of the cornea. Eye and Vision (London, England), 2020, 7, 9.	3.0	73
39	Effects of age on corneal deformation by non-contact tonometry integrated with an ultra-high-speed (UHS) Scheimpflug camera. Arquivos Brasileiros De Oftalmologia, 2013, 76, 229-232.	0.5	70
40	Enhanced Combined Tomography and Biomechanics Data for Distinguishing Forme Fruste Keratoconus. Journal of Refractive Surgery, 2016, 32, 479-494.	2.3	66
41	Repeatability and Reproducibility of Intraocular Pressure and Dynamic Corneal Response Parameters Assessed by the Corvis ST. Journal of Ophthalmology, 2017, 2017, 1-4.	1.3	65
42	Post-LASIK Ectasia: Twenty Years of a Conundrum. Seminars in Ophthalmology, 2019, 34, 66-68.	1.6	64
43	Ex-vivo experimental validation of biomechanically-corrected intraocular pressure measurements on human eyes using the CorVis ST. Experimental Eye Research, 2018, 175, 98-102.	2.6	60
44	Changes in biomechanically corrected intraocular pressure and dynamic corneal response parameters before and after transepithelial photorefractive keratectomy and femtosecond laserâ€“assisted laser in situ keratomileusis. Journal of Cataract and Refractive Surgery, 2017, 43, 1495-1503.	1.5	59
45	Ocular Biomechanical Metrics by CorVis ST in Healthy Brazilian Patients. Journal of Refractive Surgery, 2014, 30, 468-473.	2.3	56
46	Corneal Biomechanics in Ectatic Diseases: Refractive Surgery Implications. Open Ophthalmology Journal, 2017, 11, 176-193.	0.2	56
47	Computerized Corneal Topography and Its Importance to Wavefront Technology. Cornea, 2001, 20, 441-454.	1.7	54
48	Pupil Size in Refractive Surgery Candidates. Journal of Refractive Surgery, 2004, 20, 337-342.	2.3	54
49	Global Consensus on Keratoconus Diagnosis. Cornea, 2015, 34, e38-e39.	1.7	52
50	Detection of ectatic corneal diseases based on pentacam. Zeitschrift Fur Medizinische Physik, 2016, 26, 136-142.	1.5	50
51	Role of the corneal epithelium measurements in keratorefractive surgery. Current Opinion in Ophthalmology, 2017, 28, 326-336.	2.9	46
52	Wavefront Analysis in Normal Refractive Surgery Candidates. Journal of Refractive Surgery, 2005, 21, 332-338.	2.3	45
53	Corneal Wound Healing After Ultraviolet-A/Riboflavin Collagen Cross-Linking: A Rabbit Study. Journal of Refractive Surgery, 2011, 27, 401-407.	2.3	45
54	Analysis of Waveform-Derived ORA Parameters in Early Forms of Keratoconus and Normal Corneas. Journal of Refractive Surgery, 2013, 29, 637-643.	2.3	44

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55	Biomechanical and Tomographic Analysis of Unilateral Keratoconus. Journal of Refractive Surgery, 2010, 26, 677-681.	2.3	42
56	The Role of Corneal Biomechanics for the Evaluation of Ectasia Patients. International Journal of Environmental Research and Public Health, 2020, 17, 2113.	2.6	41
57	Discriminant Value of Custom Ocular Response Analyzer Waveform Derivatives in Forme Fruste Keratoconus. American Journal of Ophthalmology, 2016, 164, 14-21.	3.3	40
58	Changes in custom biomechanical variables after femtosecond laser in situ keratomileusis and photorefractive keratectomy for myopia. Journal of Cataract and Refractive Surgery, 2014, 40, 918-928.	1.5	39
59	Long-term Evaluation of Corneal Biomechanical Properties After Corneal Cross-linking for Keratoconus: A 4-Year Longitudinal Study. Journal of Refractive Surgery, 2018, 34, 849-856.	2.3	39
60	Optical Coherence Tomography Combined With Videokeratography to Differentiate Mild Keratoconus Subtypes. Journal of Refractive Surgery, 2014, 30, 80-87.	2.3	38
61	Detection of Subclinical Corneal Ectasia Using Corneal Tomographic and Biomechanical Assessments in a Japanese Population. Journal of Refractive Surgery, 2019, 35, 383-390.	2.3	38
62	Corneal Ectasia Risk Score: Statistical Validity and Clinical Relevance. Journal of Refractive Surgery, 2010, 26, 238-240.	2.3	37
63	Scheimpflug-Based Tomography and Biomechanical Assessment in Pressure-Induced Stromal Keratopathy. Journal of Refractive Surgery, 2013, 29, 356-358.	2.3	37
64	Effect of accelerated corneal crosslinking combined with transepithelial photorefractive keratectomy on dynamic corneal response parameters and biomechanically corrected intraocular pressure measured with a dynamic Scheimpflug analyzer in healthy myopic patients. Journal of Cataract and Refractive Surgery, 2017, 43, 937-945.	1.5	37
65	Bilateral Marginal Sterile Infiltrates and Diffuse Lamellar Keratitis After Laser in situ Keratomileusis. Journal of Refractive Surgery, 2003, 19, 154-158.	2.3	37
66	Variability of Subjective Classifications of Corneal Topography Maps From LASIK Candidates. Journal of Refractive Surgery, 2013, 29, 770-775.	2.3	37
67	Effect of ectopic epithelial tissue within the stroma on keratocyte apoptosis, mitosis, and myofibroblast transformation. Experimental Eye Research, 2003, 76, 193-201.	2.6	36
68	Morphology of Corneal Basal Epithelial Cells by In Vivo Slit-Scanning Confocal Microscopy. Cornea, 2003, 22, 246-248.	1.7	35
69	Corneal biomechanical evaluation in healthy thin corneas compared with matched keratoconus cases. Arquivos Brasileiros De Oftalmologia, 2011, 74, 13-16.	0.5	35
70	International values of corneal elevation in normal subjects by rotating Scheimpflug camera. Journal of Cataract and Refractive Surgery, 2011, 37, 1817-1821.	1.5	34
71	Two-year changes in corneal stiffness parameters after accelerated corneal cross-linking. Journal of Biomechanics, 2019, 93, 209-212.	2.1	34
72	Enhanced Screening for Ectasia Susceptibility Among Refractive Candidates: The Role of Corneal Tomography and Biomechanics. Current Ophthalmology Reports, 2013, 1, 28-38.	1.2	33

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73	Recent developments in keratoconus diagnosis. Expert Review of Ophthalmology, 2018, 13, 329-341.	0.6	31
74	Correlation Between Corneal Biomechanical Indices and the Severity of Keratoconus. Cornea, 2020, 39, 215-221.	1.7	30
75	Ectatic diseases. Experimental Eye Research, 2021, 202, 108347.	2.6	29
76	Anterior chamber depth in normal subjects by rotating scheimpflug imaging. Saudi Journal of Ophthalmology, 2011, 25, 255-259.	0.3	27
77	Corneal biomechanics: Where are we?. Journal of Current Ophthalmology, 2016, 28, 97-98.	0.8	27
78	Bowman's topography for improved detection of early ectasia. Journal of Biophotonics, 2019, 12, e201900126.	2.3	27
79	Correlation of the Corvis Biomechanical Factor with tomographic parameters in keratoconus. Journal of Cataract and Refractive Surgery, 2022, 48, 215-221.	1.5	27
80	Early keratocyte apoptosis after epithelial scrape injury in the human cornea. Experimental Eye Research, 2009, 89, 597-599.	2.6	26
81	ORA waveform-derived biomechanical parameters to distinguish normal from keratoconic eyes. Arquivos Brasileiros De Oftalmologia, 2013, 76, 111-117.	0.5	26
82	Ectasia Detection by the Assessment of Corneal Biomechanics. Cornea, 2016, 35, e18-e20.	1.7	26
83	Comparison of Complication Rates between Manual and Femtosecond Laser-Assisted Techniques for Intrastromal Corneal Ring Segments Implantation in Keratoconus. Current Eye Research, 2019, 44, 1291-1298.	1.5	26
84	Predictability of Tunnel Depth for Intrastromal Corneal Ring Segments Implantation Between Manual and Femtosecond Laser Techniques. Journal of Refractive Surgery, 2018, 34, 188-194.	2.3	26
85	Dynamic corneal deformation response and integrated corneal tomography. Indian Journal of Ophthalmology, 2018, 66, 373.	1.1	26
86	Quantitative assessment of corneal vibrations during intraocular pressure measurement with the air-puff method in patients with keratoconus. Computers in Biology and Medicine, 2015, 66, 170-178.	7.0	25
87	Comparison of Dysfunctional Lens Index and Scheimpflug Lens Densitometry in the Evaluation of Age-Related Nuclear Cataracts. Journal of Refractive Surgery, 2016, 32, 244-248.	2.3	25
88	Correlations of Objective Metrics for Quantifying Dysfunctional Lens Syndrome With Visual Acuity and Phacodynamics. Journal of Refractive Surgery, 2017, 33, 79-83.	2.3	25
89	Early Pellucid Marginal Corneal Degeneration. Cornea, 2002, 21, 114-117.	1.7	24
90	Impact of chamber pressure and material properties on the deformation response of corneal models measured by dynamic ultra-high-speed Scheimpflug imaging. Arquivos Brasileiros De Oftalmologia, 2013, 76, 278-281.	0.5	24

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91	Scheimpflug lens densitometry and ocular wavefront aberrations in patients with mild nuclear cataract. Journal of Cataract and Refractive Surgery, 2016, 42, 405-411.	1.5	24
92	Development and validation of a new intraocular pressure estimate for patients with soft corneas. Journal of Cataract and Refractive Surgery, 2019, 45, 1316-1323.	1.5	24
93	Combined biomechanical and tomographic keratoconus staging: Adding a biomechanical parameter to the ABCD keratoconus staging system. Acta Ophthalmologica, 2022, 100, .	1.1	24
94	Ciliary Muscle Electrostimulation to Restore Accommodation in Patients With Early Presbyopia: Preliminary Results. Journal of Refractive Surgery, 2017, 33, 578-583.	2.3	23
95	Three-dimensional non-parametric method for limbus detection. PLoS ONE, 2018, 13, e0207710.	2.5	22
96	Detection of postlaser vision correction ectasia with a new combined biomechanical index. Journal of Cataract and Refractive Surgery, 2021, 47, 1314-1318.	1.5	22
97	Association Between the Percent Tissue Altered and Postâ€“Laser In Situ Keratomileusis Ectasia in Eyes With Normal Preoperative Topography. American Journal of Ophthalmology, 2014, 158, 1358-1359.	3.3	21
98	Enhanced Screening for Ectasia Risk prior to Laser Vision Correction. International Journal of Keratoconus and Ectatic Corneal Diseases, 2017, 6, 23-33.	0.5	21
99	Horizontal pachymetric profile for the detection of keratoconus. Revista Brasileira De Oftalmologia, 2015, 74, 382-385.	0.1	20
100	Enhanced Ectasia Screening: The Need for Advanced and Objective Data. Journal of Refractive Surgery, 2014, 30, 151-152.	2.3	19
101	Scheimpflug camera in the quantitative assessment of reproducibility of highâ€speed corneal deformation during intraocular pressure measurement. Journal of Biophotonics, 2015, 8, 968-978.	2.3	19
102	Artefact-free topography based scleral-asymmetry. PLoS ONE, 2019, 14, e0219789.	2.5	18
103	Violet June: The Global Keratoconus Awareness Campaign. Ophthalmology and Therapy, 2020, 9, 685-688.	2.3	18
104	Stressâ€“Strain Index Map: A New Way to Represent Corneal Material Stiffness. Frontiers in Bioengineering and Biotechnology, 2021, 9, 640434.	4.1	18
105	Cirurgia refrativa terapÃªutica: por que diferenciar?. Revista Brasileira De Oftalmologia, 2013, 72, 85-86.	0.1	16
106	Topography-Guided Custom Photorefractive Keratectomy for Myopia in Primary Eyes With the WaveLight EX500 Platform. Journal of Refractive Surgery, 2018, 34, 541-546.	2.3	16
107	Outcomes study between femtosecond laser-assisted cataract surgery and conventional phacoemulsification surgery using an active fluidics system. Clinical Ophthalmology, 2017, Volume 11, 1735-1739.	1.8	15
108	Comparison of Biometry Measurements Using Standard Partial Coherence Interferometry versus New Scheimpflug Tomography with Integrated Axial Length Capability . Clinical Ophthalmology, 2020, Volume 14, 353-358.	1.8	15

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109	Central Corneal Thickness and Biomechanical Changes After Clear Corneal Phacoemulsification. Journal of Refractive Surgery, 2012, 28, 215-219.	2.3	15
110	Comparison of clinical outcomes between manual and femtosecond laser techniques for intrastromal corneal ring segment implantation. European Journal of Ophthalmology, 2020, 30, 1246-1255.	1.3	14
111	Characterization of cone size and centre in keratoconic corneas. Journal of the Royal Society Interface, 2020, 17, 20200271.	3.4	14
112	The link between Keratoconus and posterior segment parameters: An updated, comprehensive review. Ocular Surface, 2022, 23, 116-122.	4.4	14
113	Influence of intraoperative epithelial defects on outcomes in LASIK for myopia. American Journal of Ophthalmology, 2004, 137, 244-249.	3.3	13
114	Interdevice variability of central corneal thickness measurement. PLoS ONE, 2018, 13, e0203884.	2.5	13
115	Positions of Ocular Geometrical and Visual Axes in Brazilian, Chinese and Italian Populations. Current Eye Research, 2018, 43, 1404-1414.	1.5	13
116	Biomechanically-Corrected Intraocular Pressure Compared To Pressure Measured With Commonly Used Tonometers In Normal Subjects . Clinical Optometry, 2019, Volume 11, 127-133.	1.2	13
117	Paradigms, Paradoxes, and Controversies on Keratoconus and Corneal Ectatic Diseases. International Journal of Keratoconus and Ectatic Corneal Diseases, 2018, 7, 35-49.	0.5	13
118	Repeatability and reproducibility of corneal deformation response parameters of dynamic ultra-high-speed Scheimpflug imaging in keratoconus. Journal of Cataract and Refractive Surgery, 2020, 46, 86-94.	1.5	13
119	Comparison of objective and subjective refractive surgery screening parameters between regular and high-resolution Scheimpflug imaging devices. Journal of Cataract and Refractive Surgery, 2015, 41, 286-294.	1.5	12
120	Percentage Thickness Increase and Absolute Difference from Thinnest to Describe Thickness Profile. Journal of Refractive Surgery, 2010, 26, 84-86.	2.3	12
121	Evaluation of corneal biomechanical behavior in vivo for healthy and keratoconic eyes using the stressâ€“strain index. Journal of Cataract and Refractive Surgery, 2022, 48, 1162-1167.	1.5	12
122	Corneal pachymetry: New ways to look at an old measurement. Journal of Cataract and Refractive Surgery, 2014, 40, 695-701.	1.5	11
123	Ectasia susceptibility before laser vision correction. Journal of Cataract and Refractive Surgery, 2015, 41, 1335-1336.	1.5	11
124	Managing corneal ectasia prior to keratoplasty. Expert Review of Ophthalmology, 2015, 10, 33-48.	0.6	11
125	Non-Orthogonal Corneal Astigmatism among Normal and Keratoconic Brazilian and Chinese populations. Current Eye Research, 2018, 43, 717-724.	1.5	11
126	Biomechanics in Keratoconus Diagnosis. Current Eye Research, 2023, 48, 130-136.	1.5	11

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127	New artificial intelligence index based on Scheimpflug corneal tomography to distinguish subclinical keratoconus from healthy corneas. Journal of Cataract and Refractive Surgery, 2022, 48, 1168-1174.	1.5	11
128	Theoretical Basis, Laboratory Evidence, and Clinical Research of Chemical Surgery of the Cornea: Cross-Linking. Journal of Ophthalmology, 2014, 2014, 1-9.	1.3	10
129	Corneal deformation amplitude analysis for keratoconus detection through compensation for intraocular pressure and integration with horizontal thickness profile. Computers in Biology and Medicine, 2019, 109, 263-271.	7.0	10
130	Application of different Scheimpflug-based lens densitometry methods in phacodynamics prediction. Clinical Ophthalmology, 2016, 10, 609.	1.8	9
131	The use of ocular anatomical measurements using a rotating Scheimpflug camera to assist in the EscleraÂ® scleral contact lens fitting process. Contact Lens and Anterior Eye, 2016, 39, 148-153.	1.7	8
132	Correlation between different Scheimpflug-based lens densitometry analysis and effective phacoemulsification time in mild nuclear cataracts. International Ophthalmology, 2018, 38, 1103-1110.	1.4	8
133	Should the Corvis Biomechanical Index (CBI) Include Corneal Thickness Parameters?. Journal of Refractive Surgery, 2018, 34, 213-216.	2.3	8
134	Astigmatic Vector Analysis of Posterior Corneal Surface: A Comparison Among Healthy, Forme Fruste, and Overt Keratoconic Corneas. American Journal of Ophthalmology, 2016, 167, 65-71.	3.3	7
135	Differentiation of mild keratoconus from corneal warpage according to topographic inferior steepening based on corneal tomography data. Arquivos Brasileiros De Oftalmologia, 2016, 79, 264-267.	0.5	6
136	Application of corneal tomography before keratorefractive procedure for laser vision correction. Journal of Biophotonics, 2016, 9, 445-453.	2.3	6
137	Scheimpflug Corneal Densitometry Changes After the Intrastromal Corneal Ring Segment Implantation. Cornea, 2020, 39, 761-768.	1.7	6
138	Corneal densitometry in patients with keratoconus undergoing intrastromal Ferrara ring implantation. European Journal of Ophthalmology, 2021, 31, 3505-3510.	1.3	6
139	Corneal biomechanical parameters in keratoconus eyes with abnormal elevation on the back cornealÂsurface only versus both back and front surfaces. Scientific Reports, 2021, 11, 11971.	3.3	6
140	The Use of Intracorneal Rings for Pellucid Marginal Degeneration. American Journal of Ophthalmology, 2011, 151, 558-559.	3.3	5
141	The need for artificial tears in glaucoma patients: a comparative, retrospective study. Arquivos Brasileiros De Oftalmologia, 2013, 76, 6-9.	0.5	5
142	Corneal Biomechanical Assessment with Ultra-High-Speed Scheimpflug Imaging During Non-Contact Tonometry: A Prospective Review. Clinical Ophthalmology, 2021, Volume 15, 1409-1423.	1.8	5
143	The Efficiency of Using Mirror Imaged Topography in Fellow Eyes Analyses of Pentacam HR Data. Symmetry, 2021, 13, 2132.	2.2	5
144	Effect of Corneal Tilt on the Determination of Asphericity. Sensors, 2021, 21, 7636.	3.8	5

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145	Surgery in patients with Fuchsâ€™. Ophthalmology, 2006, 113, 503.	5.2	4
146	Reply. Cornea, 2015, 34, e27.	1.7	4
147	Determination of Optic Axes by Corneal Topography among Italian, Brazilian, and Chinese Populations. Photonics, 2021, 8, 61.	2.0	4
148	Best waveform score for diagnosing keratoconus. Revista Brasileira De Oftalmologia, 2013, 72, 361-365.	0.1	4
149	Optical Quality in Keratoconus Is Associated With Corneal Biomechanics. Cornea, 2020, Publish Ahead of Print, 1276-1281.	1.7	4
150	Multimodal imaging for refractive surgery: Quo vadis?. Indian Journal of Ophthalmology, 2020, 68, 2647.	1.1	4
151	Pediatric Crosslinking: Current Protocols and Approach. Ophthalmology and Therapy, 2022, 11, 983-999.	2.3	4
152	Comparative analysis of two different types of intracorneal implants in keratoconus: A corneal tomographic study. European Journal of Ophthalmology, 2021, 31, 1517-1524.	1.3	3
153	Repeatability of central corneal thickness measurement with the Pentacam HR system. Revista Brasileira De Oftalmologia, 2012, 71, 14-17.	0.1	3
154	Post-LASIK Ectasia associated with Pigmentary Glaucoma: Tomographic and Biomechanical Characterization. International Journal of Keratoconus and Ectatic Corneal Diseases, 2018, 7, 61-65.	0.5	3
155	Heritability of Corneal Shape in Twin Study. Investigative Ophthalmology and Visual Science, 2014, 55, 8365-8365.	3.3	2
156	Reply. Cornea, 2015, 34, e27-e29.	1.7	2
157	Advanced Surface Ablation in Mild (Fruste) Keratoconus: A Case Report. Ophthalmology and Therapy, 2020, 9, 355-363.	2.3	2
158	Lentes intraoculares fÃ¡cicas para miopia e astigmatismo: revisÃ£o prospectiva. Revista Brasileira De Oftalmologia, 2021, 80, .	0.1	2
159	Novel use of trypan blue in ocular surface staining: redefining implications for this vital dye. Revista Brasileira De Oftalmologia, 2011, 70, 408-410.	0.1	2
160	Implante de segmentos de anel estromal em ceratocone: resultados e correlaÃ§Ãµes com a biomecÃ¢nica corneana prÃ©-operatÃ³ria. Revista Brasileira De Oftalmologia, 2012, 71, 89-99.	0.1	2
161	CorrelaÃ§Ãµes entre straylight, aberrometria, opacidade e densitometria do cristalino em pacientes com catarata. Revista Brasileira De Oftalmologia, 2013, 72, 244-248.	0.1	1
162	Re: Hwang etÂal.: Distinguishing highly asymmetric keratoconus eyes using combined Scheimpflug and spectral-domain OCT analysis (Ophthalmology. 2018;125:1862-1871). Ophthalmology, 2019, 126, e55-e56.	5.2	1

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163	Dysfunctional lens syndrome: a prospective review. Revista Brasileira De Oftalmologia, 2021, 80, .	0.1	1
164	The challenge for â€œmultilingualâ€•scientists in Brazil. Clinics, 2014, 69, 306-307.	1.5	1
165	Vector analysis of astigmatism according to the methods of Alpins and Thibos: a systematic review. E-Oftalmo CBO, 2016, 2, .	0.0	1
166	Importance of Screening for Ectatic Corneal Disease Prior to Multifocal Intraocular Lens. International Journal of Keratoconus and Ectatic Corneal Diseases, 2018, 7, 128-133.	0.5	1
167	Outcomes Comparison Between Wavefront-Optimized and Topography-Guided PRK in Contralateral Eyes With Myopia and Myopic Astigmatism. Journal of Refractive Surgery, 2020, 36, 358-365.	2.3	1
168	Imágenes Multimodales en la Cirugía Refractiva. Highlights of Ophthalmology, 2020, 48, 4-24.	0.0	1
169	Corneal biomechanics and glaucoma beyond the bidirectional impact of intraocular pressure and corneal deformation response. Revista Brasileira De Oftalmologia, 2022, 81, .	0.1	1
170	RelevÃ¢ncia da biomecÃ¢nica da cÃ³rnea no glaucoma. Revista Brasileira De Oftalmologia, 2012, 71, 115-118.	0.1	0
171	June consultation #3. Journal of Cataract and Refractive Surgery, 2015, 41, 1327-1328.	1.5	0
172	Post Refractive Surgery Ectasia. , 2016, , 157-173.		0
173	Image Processing in Ophthalmology. Journal of Healthcare Engineering, 2018, 2018, 1-2.	1.9	0
174	Corneal Biomechanics and Integrated Parameters for Keratoconus Diagnosis. , 2021, , 7-25.		0
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