# 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 | Biomechanics in Keratoconus Diagnosis. Current Eye Research, 2023, 48, 130-136. | 1.5 | 11 |
| 2 | Correlation of the Corvis Biomechanical Factor with tomographic parameters in keratoconus. Journal of Cataract and Refractive Surgery, 2022, 48, 215-221. | 1.5 | 27 |
| 3 | Combined biomechanical and tomographic keratoconus staging: Adding a biomechanical parameter to the ABCD keratoconus staging system. Acta Ophthalmologica, 2022, 100, . | 1.1 | 24 |
| 4 | The link between Keratoconus and posterior segment parameters: An updated, comprehensive review. Ocular Surface, 2022, 23, 116-122. | 4.4 | 14 |
| 5 | 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 |
| 6 | 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 |
| 7 | Correlation between Placidoâ€™s Disk and Rotating Scheimpflug Keratometric Findings in Children with Keratoconus before and after Corneal Cross-Linking. Journal of Cataract and Refractive Surgery, 2022, Publish Ahead of Print, . | 1.5 | 0 |
| 8 | Very Asymmetric Keratoconus: A Case Report of Long-term Follow-up. International Journal of Keratoconus and Ectatic Corneal Diseases, 2022, 9, 13-19. | 0.5 | 0 |
| 9 | Corneal biomechanics and glaucoma beyond the bidirectional impact of intraocular pressure and corneal deformation response. Revista Brasileira De Oftalmologia, 2022, 81, . | 0.1 | 1 |
| 10 | Pediatric Crosslinking: Current Protocols and Approach. Ophthalmology and Therapy, 2022, 11, 983-999. | 2.3 | 4 |
| 11 | Reply to the letter-to-the-editor. Ocular Surface, 2022, 25, 71. | 4.4 | 0 |
| 12 | 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 |
| 13 | Ectatic diseases. Experimental Eye Research, 2021, 202, 108347. | 2.6 | 29 |
| 14 | Corneal Biomechanics and Integrated Parameters for Keratoconus Diagnosis. , 2021, , 7-25. | | 0 |
| 15 | Dysfunctional lens syndrome: a prospective review. Revista Brasileira De Oftalmologia, 2021, 80, . | 0.1 | 1 |
| 16 | Determination of Optic Axes by Corneal Topography among Italian, Brazilian, and Chinese Populations. Photonics, 2021, 8, 61. | 2.0 | 4 |
| 17 | March consultation #7. Journal of Cataract and Refractive Surgery, 2021, 47, 420-421. | 1.5 | 0 |
| 18 | Stressâ€“Strain Index Map: A New Way to Represent Corneal Material Stiffness. Frontiers in Bioengineering and Biotechnology, 2021, 9, 640434. | 4.1 | 18 |

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| 19 | 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 |
| 20 | Corneal densitometry in patients with keratoconus undergoing intrastromal Ferrara ring implantation. European Journal of Ophthalmology, 2021, 31, 3505-3510. | 1.3 | 6 |
| 21 | 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 |
| 22 | 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 |
| 23 | Lentes intraoculares fÃ¡cicas para miopia e astigmatismo: revisÃ£o prospectiva. Revista Brasileira De Oftalmologia, 2021, 80, . | 0.1 | 2 |
| 24 | Update on Pain Management After Advanced Surface Ablation. Journal of Refractive Surgery, 2021, 37, 782-790. | 2.3 | 0 |
| 25 | The Efficiency of Using Mirror Imaged Topography in Fellow Eyes Analyses of Pentacam HR Data. Symmetry, 2021, 13, 2132. | 2.2 | 5 |
| 26 | Effect of Corneal Tilt on the Determination of Asphericity. Sensors, 2021, 21, 7636. | 3.8 | 5 |
| 27 | 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 |
| 28 | Correlation Between Corneal Biomechanical Indices and the Severity of Keratoconus. Cornea, 2020, 39, 215-221. | 1.7 | 30 |
| 29 | Characterization of cone size and centre in keratoconic corneas. Journal of the Royal Society Interface, 2020, 17, 20200271. | 3.4 | 14 |
| 30 | Violet June: The Global Keratoconus Awareness Campaign. Ophthalmology and Therapy, 2020, 9, 685-688. | 2.3 | 18 |
| 31 | Scheimpflug Corneal Densitometry Changes After the Intrastromal Corneal Ring Segment Implantation. Cornea, 2020, 39, 761-768. | 1.7 | 6 |
| 32 | 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 |
| 33 | <p>Comparison of Biometry Measurements Using Standard Partial Coherence Interferometry versus New Scheimpflug Tomography with Integrated Axial Length Capability</p>. Clinical Ophthalmology, 2020, Volume 14, 353-358. | 1.8 | 15 |
| 34 | Biomechanical diagnostics of the cornea. Eye and Vision (London, England), 2020, 7, 9. | 3.0 | 73 |
| 35 | Advanced Surface Ablation in Mild (Fruste) Keratoconus: A Case Report. Ophthalmology and Therapy, 2020, 9, 355-363. | 2.3 | 2 |
| 36 | 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 |

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| 37 | Optical Quality in Keratoconus Is Associated With Corneal Biomechanics. Cornea, 2020, Publish Ahead of Print, 1276-1281. | 1.7 | 4 |
| 38 | Multimodal imaging for refractive surgery: Quo vadis?. Indian Journal of Ophthalmology, 2020, 68, 2647. | 1.1 | 4 |
| 39 | Imágenes Multimodales en la Cirugía Refractiva. Highlights of Ophthalmology, 2020, 48, 4-24. | 0.0 | 1 |
| 40 | Multimodal Imaging in Refractive Surgery. Highlights of Ophthalmology, 2020, 48, 4-24. | 0.0 | 0 |
| 41 | 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 |
| 42 | Two-year changes in corneal stiffness parameters after accelerated corneal cross-linking. Journal of Biomechanics, 2019, 93, 209-212. | 2.1 | 34 |
| 43 | 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 |
| 44 | 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 |
| 45 | Artefact-free topography based scleral-asymmetry. PLoS ONE, 2019, 14, e0219789. | 2.5 | 18 |
| 46 | 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 |
| 47 | Post-LASIK Ectasia: Twenty Years of a Conundrum. Seminars in Ophthalmology, 2019, 34, 66-68. | 1.6 | 64 |
| 48 | 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 |
| 49 | Bowman's topography for improved detection of early ectasia. Journal of Biophotonics, 2019, 12, e201900126. | 2.3 | 27 |
| 50 | 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 |
| 51 | 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 |
| 52 | Enhanced Ectasia Detection Using Corneal Tomography and Biomechanics. American Journal of Ophthalmology, 2019, 197, 7-16. | 3.3 | 76 |
| 53 | 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 |
| 54 | 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 |

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| 55 | Preoperative Assessment for Risk Management in Corneal Refractive Surgery. European Ophthalmic Review, 2019, 13, 17. | 0.3 | 0 |
| 56 | Non-Orthogonal Corneal Astigmatism among Normal and Keratoconic Brazilian and Chinese populations. Current Eye Research, 2018, 43, 717-724. | 1.5 | 11 |
| 57 | 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 |
| 58 | Three-dimensional non-parametric method for limbus detection. PLoS ONE, 2018, 13, e0207710. | 2.5 | 22 |
| 59 | Recent developments in keratoconus diagnosis. Expert Review of Ophthalmology, 2018, 13, 329-341. | 0.6 | 31 |
| 60 | Interdevice variability of central corneal thickness measurement. PLoS ONE, 2018, 13, e0203884. | 2.5 | 13 |
| 61 | Diagnostic Ability of Corneal Shape and Biomechanical Parameters for Detecting Frank Keratoconus. Cornea, 2018, 37, 1025-1034. | 1.7 | 90 |
| 62 | Should the Corvis Biomechanical Index (CBI) Include Corneal Thickness Parameters?. Journal of Refractive Surgery, 2018, 34, 213-216. | 2.3 | 8 |
| 63 | Image Processing in Ophthalmology. Journal of Healthcare Engineering, 2018, 2018, 1-2. | 1.9 | 0 |
| 64 | Positions of Ocular Geometrical and Visual Axes in Brazilian, Chinese and Italian Populations. Current Eye Research, 2018, 43, 1404-1414. | 1.5 | 13 |
| 65 | Enhanced Tomographic Assessment to Detect Corneal Ectasia Based on Artificial Intelligence. American Journal of Ophthalmology, 2018, 195, 223-232. | 3.3 | 130 |
| 66 | 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 |
| 67 | 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 |
| 68 | 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 |
| 69 | 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 |
| 70 | Dynamic corneal deformation response and integrated corneal tomography. Indian Journal of Ophthalmology, 2018, 66, 373. | 1.1 | 26 |
| 71 | 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 |
| 72 | 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 |

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| 73 | Mild Keratoconus in the Mother of a Patient with Down Syndrome: Case Report and Clinical Hypothesis. International Journal of Keratoconus and Ectatic Corneal Diseases, 2018, 7, 115-120. | 0.5 | 0 |
| 74 | 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 |
| 75 | Role of the corneal epithelium measurements in keratorefractive surgery. Current Opinion in Ophthalmology, 2017, 28, 326-336. | 2.9 | 46 |
| 76 | 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 |
| 77 | Integration of Scheimpflug-Based Corneal Tomography and Biomechanical Assessments for Enhancing Ectasia Detection. Journal of Refractive Surgery, 2017, 33, 434-443. | 2.3 | 309 |
| 78 | 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 |
| 79 | 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 |
| 80 | 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 |
| 81 | Ciliary Muscle Electrostimulation to Restore Accommodation in Patients With Early Presbyopia: Preliminary Results. Journal of Refractive Surgery, 2017, 33, 578-583. | 2.3 | 23 |
| 82 | Corneal Biomechanics in Ectatic Diseases: Refractive Surgery Implications. Open Ophthalmology Journal, 2017, 11, 176-193. | 0.2 | 56 |
| 83 | 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 |
| 84 | 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 |
| 85 | Biomechanical Characterization of Subclinical Keratoconus Without Topographic or Tomographic Abnormalities. Journal of Refractive Surgery, 2017, 33, 399-407. | 2.3 | 120 |
| 86 | 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 |
| 87 | Application of different Scheimpflug-based lens densitometry methods in phacodynamics prediction. Clinical Ophthalmology, 2016, 10, 609. | 1.8 | 9 |
| 88 | 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 |
| 89 | 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 |
| 90 | 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 |

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| 91 | Detection of Keratoconus With a New Biomechanical Index. Journal of Refractive Surgery, 2016, 32, 803-810. | 2.3 | 363 |
| 92 | Post Refractive Surgery Ectasia. , 2016, , 157-173. | | 0 |
| 93 | 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 |
| 94 | 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 |
| 95 | Corneal biomechanics: Where are we?. Journal of Current Ophthalmology, 2016, 28, 97-98. | 0.8 | 27 |
| 96 | Application of corneal tomography before keratorefractive procedure for laser vision correction. Journal of Biophotonics, 2016, 9, 445-453. | 2.3 | 6 |
| 97 | Ectasia Detection by the Assessment of Corneal Biomechanics. Cornea, 2016, 35, e18-e20. | 1.7 | 26 |
| 98 | Detection of ectatic corneal diseases based on pentacam. Zeitschrift Fur Medizinische Physik, 2016, 26, 136-142. | 1.5 | 50 |
| 99 | Discriminant Value of Custom Ocular Response Analyzer Waveform Derivatives in Forme Fruste Keratoconus. American Journal of Ophthalmology, 2016, 164, 14-21. | 3.3 | 40 |
| 100 | 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 |
| 101 | Enhanced Combined Tomography and Biomechanics Data for Distinguishing Forme Fruste Keratoconus. Journal of Refractive Surgery, 2016, 32, 479-494. | 2.3 | 66 |
| 102 | Vector analysis of astigmatism according to the methods of Alpins and Thibos: a systematic review. E-Oftalmo CBO, 2016, 2, . | 0.0 | 1 |
| 103 | June consultation #3. Journal of Cataract and Refractive Surgery, 2015, 41, 1327-1328. | 1.5 | 0 |
| 104 | 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 |
| 105 | Global Consensus on Keratoconus Diagnosis. Cornea, 2015, 34, e38-e39. | 1.7 | 52 |
| 106 | Reply. Cornea, 2015, 34, e27. | 1.7 | 4 |
| 107 | Reply. Cornea, 2015, 34, e27-e29. | 1.7 | 2 |
| 108 | Horizontal pachymetric profile for the detection of keratoconus. Revista Brasileira De Oftalmologia, 2015, 74, 382-385. | 0.1 | 20 |

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| 109 | Global Consensus on Keratoconus and Ectatic Diseases. Cornea, 2015, 34, 359-369. | 1.7 | 730 |
| 110 | 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 |
| 111 | Ectasia susceptibility before laser vision correction. Journal of Cataract and Refractive Surgery, 2015, 41, 1335-1336. | 1.5 | 11 |
| 112 | Managing corneal ectasia prior to keratoplasty. Expert Review of Ophthalmology, 2015, 10, 33-48. | 0.6 | 11 |
| 113 | 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 |
| 114 | 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 |
| 115 | Enhanced Ectasia Screening: The Need for Advanced and Objective Data. Journal of Refractive Surgery, 2014, 30, 151-152. | 2.3 | 19 |
| 116 | Heritability of Corneal Shape in Twin Study. Investigative Ophthalmology and Visual Science, 2014, 55, 8365-8365. | 3.3 | 2 |
| 117 | Optical Coherence Tomography Combined With Videokeratography to Differentiate Mild Keratoconus Subtypes. Journal of Refractive Surgery, 2014, 30, 80-87. | 2.3 | 38 |
| 118 | Corneal Densitometry in Keratoconus. Cornea, 2014, 33, 1282-1286. | 1.7 | 125 |
| 119 | Discriminant Value of Custom Ocular Response Analyzer Waveform Derivatives inÂKeratoconus. Ophthalmology, 2014, 121, 459-468. | 5.2 | 82 |
| 120 | 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 |
| 121 | Corneal pachymetry: New ways to look at an old measurement. Journal of Cataract and Refractive Surgery, 2014, 40, 695-701. | 1.5 | 11 |
| 122 | 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 |
| 123 | Ocular Biomechanical Metrics by CorVis ST in Healthy Brazilian Patients. Journal of Refractive Surgery, 2014, 30, 468-473. | 2.3 | 56 |
| 124 | The challenge for â€œmultilingualâ€•scientists in Brazil. Clinics, 2014, 69, 306-307. | 1.5 | 1 |
| 125 | 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 |
| 126 | Scheimpflug imaging for keratoconus and ectatic disease. Indian Journal of Ophthalmology, 2013, 61, 401. | 1.1 | 124 |

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| 127 | Scheimpflug imaging for laser refractive surgery. Current Opinion in Ophthalmology, 2013, 24, 310-320. | 2.9 | 109 |
| 128 | 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 |
| 129 | ORA waveform-derived biomechanical parameters to distinguish normal from keratoconic eyes. Arquivos Brasileiros De Oftalmologia, 2013, 76, 111-117. | 0.5 | 26 |
| 130 | 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 |
| 131 | Dynamic ultra high speed Scheimpflug imaging for assessing corneal biomechanical properties. Revista Brasileira De Oftalmologia, 2013, 72, 99-102. | 0.1 | 138 |
| 132 | The need for artificial tears in glaucoma patients: a comparative, retrospective study. Arquivos Brasileiros De Oftalmologia, 2013, 76, 6-9. | 0.5 | 5 |
| 133 | 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 |
| 134 | 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 |
| 135 | Scheimpflug-Based Tomography and Biomechanical Assessment in Pressure-Induced Stromal Keratopathy. Journal of Refractive Surgery, 2013, 29, 356-358. | 2.3 | 37 |
| 136 | Cirurgia refrativa terapÃªutica: por que diferenciar?. Revista Brasileira De Oftalmologia, 2013, 72, 85-86. | 0.1 | 16 |
| 137 | Best waveform score for diagnosing keratoconus. Revista Brasileira De Oftalmologia, 2013, 72, 361-365. | 0.1 | 4 |
| 138 | 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 |
| 139 | Variability of Subjective Classifications of Corneal Topography Maps From LASIK Candidates. Journal of Refractive Surgery, 2013, 29, 770-775. | 2.3 | 37 |
| 140 | Topoplastia de Cvintal assistida por laser de femtossegundo. Revista Brasileira De Oftalmologia, 2013, 72, 200-203. | 0.1 | 0 |
| 141 | RelevÃ¢ncia da biomecÃ¢nica da cÃ³rnea no glaucoma. Revista Brasileira De Oftalmologia, 2012, 71, 115-118. | 0.1 | 0 |
| 142 | Repeatability of central corneal thickness measurement with the Pentacam HR system. Revista Brasileira De Oftalmologia, 2012, 71, 14-17. | 0.1 | 3 |
| 143 | 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 |
| 144 | Central Corneal Thickness and Biomechanical Changes After Clear Corneal Phacoemulsification. Journal of Refractive Surgery, 2012, 28, 215-219. | 2.3 | 15 |

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| 145 | Hipermetropia apÃ³s ceratotomia radial: flutuaÃ§Ã£o da refraÃ§Ã£o e da acuidade visual entre manhÃ£ e tarde e correlaÃ§Ãµes com a pressÃ£o ocular e o estado biomecÃ¢nico da cÃ³rnea. Revista Brasileira De Oftalmologia, 2012, 71, 164-172. | 0.1 | 0 |
| 146 | The Use of Intracorneal Rings for Pellucid Marginal Degeneration. American Journal of Ophthalmology, 2011, 151, 558-559. | 3.3 | 5 |
| 147 | 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 |
| 148 | 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 |
| 149 | Anterior chamber depth in normal subjects by rotating scheimpflug imaging. Saudi Journal of Ophthalmology, 2011, 25, 255-259. | 0.3 | 27 |
| 150 | Corneal biomechanical evaluation in healthy thin corneas compared with matched keratoconus cases. Arquivos Brasileiros De Oftalmologia, 2011, 74, 13-16. | 0.5 | 35 |
| 151 | Evaluation of Corneal Shape and Biomechanics Before LASIK. International Ophthalmology Clinics, 2011, 51, 11-38. | 0.7 | 146 |
| 152 | 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 |
| 153 | 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 |
| 154 | Corneal Wound Healing After Ultraviolet-A/Riboflavin Collagen Cross-Linking: A Rabbit Study. Journal of Refractive Surgery, 2011, 27, 401-407. | 2.3 | 45 |
| 155 | Novel Pachymetric Parameters Based on Corneal Tomography for Diagnosing Keratoconus. Journal of Refractive Surgery, 2011, 27, 753-758. | 2.3 | 290 |
| 156 | Corneal Ectasia Risk Score: Statistical Validity and Clinical Relevance. Journal of Refractive Surgery, 2010, 26, 238-240. | 2.3 | 37 |
| 157 | Corneal Biomechanical Metrics and Anterior Segment Parameters in Mild Keratoconus. Ophthalmology, 2010, 117, 673-679. | 5.2 | 202 |
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| 159 | Percentage Thickness Increase and Absolute Difference from Thinnest to Describe Thickness Profile. Journal of Refractive Surgery, 2010, 26, 84-86. | 2.3 | 12 |
| 160 | Pentacam Characterization of Corneas with Fuchs Dystrophy Treated with Descemet Membrane Endothelial Keratoplasty. Journal of Refractive Surgery, 2010, 26, 972-979. | 2.3 | 74 |
| 161 | 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 |
| 162 | Imaging of the Cornea: Topography vs Tomography. Journal of Refractive Surgery, 2010, 26, 847-849. | 2.3 | 116 |

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