

D Robert Iskander

List of Publications by Year in descending order

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Version: 2024-02-01

155
papers

3,497
citations

172386

29
h-index

233338

45
g-index

157
all docs

157
docs citations

157
times ranked

2038
citing authors

#	ARTICLE	IF	CITATIONS
1	Indirectly assessing changes in corneal properties with OCT speckle after crosslinking in porcine eyes. <i>Experimental Eye Research</i> , 2022, 219, 109051.	1.2	4
2	The effect of intraocular pressure elevation and related ocular biometry changes on corneal OCT speckle distribution in porcine eyes. <i>PLoS ONE</i> , 2021, 16, e0249213.	1.1	9
3	Associating the biomarkers of ocular blood flow with lamina cribrosa parameters in normotensive glaucoma suspects. Comparison to glaucoma patients and healthy controls. <i>PLoS ONE</i> , 2021, 16, e0248851.	1.1	6
4	Corneal Optical Coherence Tomography Speckle in Crosslinked and Untreated Rabbit Eyes in Response to Elevated Intraocular Pressure. <i>Translational Vision Science and Technology</i> , 2021, 10, 2.	1.1	9
5	Tear Film Surface Quality in Modern Daily Disposable Contact Lens Wear. <i>Eye and Contact Lens</i> , 2021, 47, 631-637.	0.8	2
6	Glaucoma classification based on scanning laser ophthalmoscopic images using a deep learning ensemble method. <i>PLoS ONE</i> , 2021, 16, e0252339.	1.1	11
7	Reducing the Number of MEG/EEG Trials Needed for the Estimation of Brain Evoked Responses: A Bootstrap Approach. <i>IEEE Transactions on Biomedical Engineering</i> , 2021, 68, 2301-2312.	2.5	0
8	Statistical analysis of corneal OCT speckle: a non-parametric approach. <i>Biomedical Optics Express</i> , 2021, 12, 6407.	1.5	14
9	A New Approach to the Phase-Based Video Motion Magnification for Measuring Microdisplacements. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2020, 69, 354-361.	2.4	4
10	Keratoconus Detection Based on a Single Scheimpflug Image. <i>Translational Vision Science and Technology</i> , 2020, 9, 36.	1.1	18
11	A 12-month Prospective Study of Tear Osmolarity in Contact Lens Wearers Refitted with Daily Disposable Soft Contact Lenses. <i>Optometry and Vision Science</i> , 2020, 97, 178-185.	0.6	10
12	Omnibus test for normality based on the Edgeworth expansion. <i>PLoS ONE</i> , 2020, 15, e0233901.	1.1	10
13	Assessing Corneal Speckle in Optical Coherence Tomography: A New Look at Glaucomatous Eyes. <i>Optometry and Vision Science</i> , 2020, 97, 62-67.	0.6	12
14	New Approaches to Fractal Dimension Estimation With Application to Gray-Scale Images. <i>IEEE Access</i> , 2020, 8, 1383-1393.	2.6	3
15	Mixed polar-nonpolar lipid films as minimalistic models of Tear Film Lipid Layer: A Langmuir trough and fluorescence microscopy study. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2020, 1862, 183300.	1.4	12
16	The Need for Changes in the Management Processes of a Young Researcher's Career – Case Study. <i>Advances in Intelligent Systems and Computing</i> , 2020, , 97-110.	0.5	0
17	Deep learning approaches for segmenting Bruch's membrane opening from OCT volumes. <i>OSA Continuum</i> , 2020, 3, 3351.	1.8	6
18	Anterior eye surface changes following miniscleral contact lens wear. <i>Contact Lens and Anterior Eye</i> , 2019, 42, 70-74.	0.8	22

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19	A Novel Automated Approach for Infrared-Based Assessment of Meibomian Gland Morphology. <i>Translational Vision Science and Technology</i> , 2019, 8, 17.	1.1	24
20	Factors Influencing Pseudo-Accommodationâ€”The Difference between Subjectively Reported Range of Clear Focus and Objectively Measured Accommodation Range. <i>Vision (Switzerland)</i> , 2019, 3, 34.	0.5	6
21	Corneal Properties of Keratoconus Based on Scheimpflug Light Intensity Distribution. , 2019, 60, 3197.		18
22	Lamina Cribrosa Depth and Shape in Glaucoma Suspects. Comparison to Glaucoma Patients and Healthy Controls. <i>Current Eye Research</i> , 2019, 44, 1026-1033.	0.7	9
23	Supporting Dry Eye Diagnosis with a New Method for Noninvasive Tear Film Quality Assessment. <i>Optometry and Vision Science</i> , 2019, 96, 103-110.	0.6	8
24	Meibomian Gland Morphology: The Influence of Structural Variations on Gland Function and Ocular Surface Parameters. <i>Cornea</i> , 2019, 38, 1506-1512.	0.9	19
25	Rotation asymmetry of the human sclera. <i>Acta Ophthalmologica</i> , 2019, 97, e266-e270.	0.6	24
26	A Fully Automated 3D <i>In-Vivo</i> Delineation and Shape Parameterization of the Human Lamina Cribrosa in Optical Coherence Tomography. <i>IEEE Transactions on Biomedical Engineering</i> , 2019, 66, 1422-1428.	2.5	5
27	Unified approach to tear film surface analysis with high-speed videokeratometry. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2019, 36, B15.	0.8	2
28	Defocus vibrations in optical systemsâ€”considerations in reference to the human eye. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2019, 36, 464.	0.8	5
29	Evaluating displacement of lamina cribrosa following glaucoma surgery. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2018, 256, 791-800.	1.0	16
30	The tear turnover and tear clearance tests â€” a review. <i>Expert Review of Medical Devices</i> , 2018, 15, 219-229.	1.4	18
31	Assessment of Tear Film Using Videokeratometry Based on Fractal Dimension. <i>Optometry and Vision Science</i> , 2018, 95, 32-42.	0.6	11
32	The utility of measuring tear film break-up time for prescribing contact lenses. <i>Contact Lens and Anterior Eye</i> , 2018, 41, 105-109.	0.8	17
33	Non-invasive pre-lens tear film assessment with high-speed videokeratometry. <i>Contact Lens and Anterior Eye</i> , 2018, 41, 18-22.	0.8	11
34	Evaluating tear clearance rate with optical coherence tomography. <i>Contact Lens and Anterior Eye</i> , 2018, 41, 54-59.	0.8	8
35	Relationship between the rate of change in lamina cribrosa depth and the rate of retinal nerve fiber layer thinning following glaucoma surgery. <i>PLoS ONE</i> , 2018, 13, e0206040.	1.1	4
36	Scleral asymmetry as a potential predictor for scleral lens compression. <i>Ophthalmic and Physiological Optics</i> , 2018, 38, 609-616.	1.0	26

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37	Computation of 2D Fourier transforms and diffraction integrals using Gaussian radial basis functions. <i>Applied and Computational Harmonic Analysis</i> , 2017, 43, 424-448.	1.1	4
38	Qualitative assessment of tear dynamics with fluorescein profilometry. <i>Contact Lens and Anterior Eye</i> , 2017, 40, 208-212.	0.8	4
39	Scleral changes with accommodation. <i>Ophthalmic and Physiological Optics</i> , 2017, 37, 263-274.	1.0	34
40	Assessing the Feasibility of the Use of Video Motion Magnification for Measuring Microdisplacements. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2017, 66, 2329-2336.	2.4	7
41	Corneo-scleral limbal changes following short-term soft contact lens wear. <i>Contact Lens and Anterior Eye</i> , 2017, 40, 293-300.	0.8	19
42	Mean shape of the human limbus. <i>Journal of Cataract and Refractive Surgery</i> , 2017, 43, 667-672.	0.7	38
43	Author's Reply. <i>Ophthalmic and Physiological Optics</i> , 2017, 37, 625-626.	1.0	0
44	Interaction of lysozyme with a tear film lipid layer model: A molecular dynamics simulation study. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2017, 1859, 2289-2296.	1.4	21
45	In-vivo corneal pulsation in relation to in-vivo intraocular pressure and corneal biomechanics assessed in-vitro. An animal pilot study. <i>Experimental Eye Research</i> , 2017, 162, 27-36.	1.2	8
46	Statistical shape models of cuboid, navicular and talus bones. <i>Journal of Foot and Ankle Research</i> , 2017, 10, 6.	0.7	18
47	On the Methods for Estimating the Corneoscleral Limbus. <i>IEEE Transactions on Biomedical Engineering</i> , 2017, 64, 1826-1833.	2.5	6
48	Precise measurement of scleral radius using anterior eye profilometry. <i>Contact Lens and Anterior Eye</i> , 2017, 40, 47-52.	0.8	35
49	Fully automated detection of lamina cribrosa in optical coherence tomography: Framework and illustrative examples. , 2017, 2017, 608-611.		2
50	Assessment of corneal properties based on statistical modeling of OCT speckle. <i>Biomedical Optics Express</i> , 2017, 8, 162.	1.5	39
51	Influence of eye biometrics and corneal micro-structure on noncontact tonometry. <i>PLoS ONE</i> , 2017, 12, e0177180.	1.1	13
52	Applying time-frequency analysis to assess cerebral autoregulation during hypercapnia. <i>PLoS ONE</i> , 2017, 12, e0181851.	1.1	12
53	The effect of aberrations on objectively assessed image quality and depth of focus. <i>Journal of Vision</i> , 2017, 17, 2.	0.1	11
54	Assessing Efficacy of Canaloplasty Using Continuous 24-Hour Monitoring of Ocular Dimensional Changes. , 2016, 57, 2533.		20

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55	Principles of operation, accuracy and precision of an Eye Surface Profiler. <i>Ophthalmic and Physiological Optics</i> , 2016, 36, 266-278.	1.0	57
56	Corneo-scleral limbus demarcation from 3D height data. <i>Contact Lens and Anterior Eye</i> , 2016, 39, 450-457.	0.8	28
57	Lysozyme in the Tear Film Lipid Layer. <i>Biophysical Journal</i> , 2016, 110, 581a.	0.2	0
58	Objective Measures of Pre-lens Tear Film Dynamics versus Visual Responses. <i>Optometry and Vision Science</i> , 2016, 93, 872-880.	0.6	8
59	Assessing subject-related variations of the Ocular Response Analyzer parameter calculation. <i>Australasian journal of optometry</i> , The, 2015, 98, 348-352.	0.6	2
60	Age-Related Changes in Ocular Blood Velocity in Suspects with Glaucomatous Optic Disc Appearance. Comparison with Healthy Subjects and Glaucoma Patients. <i>PLoS ONE</i> , 2015, 10, e0134357.	1.1	10
61	Age-Related Changes in Corneal Deformation Dynamics Utilizing Scheimpflug Imaging. <i>PLoS ONE</i> , 2015, 10, e0140093.	1.1	9
62	Age-related changes of the corneal speckle by Optical Coherence Tomography. , 2015, 2015, 5659-62.		5
63	Corneal deformation dynamics in normal and glaucoma patients utilizing scheimpflug imaging. , 2015, 2015, 6261-4.		0
64	Simplifying numerical ray tracing for two-dimensional non circularly symmetric models of the human eye. <i>Applied Optics</i> , 2015, 54, 10123.	2.1	4
65	A Novel Phase-Based Approach to Tear Film Surface Quality Assessment Using Lateral Shearing Interferometry. <i>Lecture Notes in Computer Science</i> , 2015, , 435-447.	1.0	1
66	Wavelet Representation of the Corneal Pulse for Detecting Ocular Dicrotism. <i>PLoS ONE</i> , 2015, 10, e0124721.	1.1	4
67	Statistical, Morphometric, Anatomical Shape Model (Atlas) of Calcaneus. <i>PLoS ONE</i> , 2015, 10, e0134603.	1.1	14
68	Organization of Lipids in the Tear Film: A Molecular-Level View. <i>PLoS ONE</i> , 2014, 9, e92461.	1.1	41
69	Automatic dynamic tear meniscus measurement in optical coherence tomography. <i>Biomedical Optics Express</i> , 2014, 5, 2759.	1.5	15
70	Age-Related Changes in Corneal Pulsation. <i>Optometry and Vision Science</i> , 2014, 91, 54-59.	0.6	16
71	Tear Film Dynamics on Soft Contact Lenses. <i>Optometry and Vision Science</i> , 2014, 91, 1406-1411.	0.6	10
72	Signal Processing in Visual Optics [Life Sciences]. <i>IEEE Signal Processing Magazine</i> , 2014, 31, 155-158.	4.6	3

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73	Clinical utility of spectral analysis of intraocular pressure pulse wave. BMC Ophthalmology, 2014, 14, 30.	0.6	12
74	Computational aspects of the through-focus characteristics of the human eye. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2014, 31, 1408.	0.8	4
75	Molecular-Level Organization of the Tear Film Lipid Layer: A Molecular Dynamics Simulation Study. Biophysical Journal, 2014, 106, 710a.	0.2	1
76	Glaucomatous and Age-Related Changes in Corneal Pulsation Shape. The Ocular Dicrotism. PLoS ONE, 2014, 9, e102814.	1.1	16
77	Application of texture analysis in tear film surface assessment based on videokeratoscopy. Journal of Optometry, 2013, 6, 185-193.	0.7	11
78	Zernike vs. Bessel circular functions in visual optics. Ophthalmic and Physiological Optics, 2013, 33, 394-402.	1.0	28
79	The EDU-Index: A Way to Objectively Quantify an Individual's University Teaching Output [Reflections]. IEEE Signal Processing Magazine, 2013, 30, 152-150.	4.6	2
80	Noninvasive In Vivo Assessment of Soft Contact Lens Type on Tear Film Surface Quality. , 2012, 53, 525.		33
81	Future Directions in Non-Invasive Measurements of Tear Film Surface Kinetics. Optometry and Vision Science, 2012, 89, 749-759.	0.6	23
82	Phase dependencies between longitudinal corneal apex displacement and cardiovascular signals: is the ocular pulse influenced by the electrical activity of the heart?. Australasian journal of optometry, The, 2012, 95, 631-637.	0.6	15
83	Ultrasonic In Vivo Measurement of Ocular Surface Expansion. IEEE Transactions on Biomedical Engineering, 2011, 58, 674-680.	2.5	20
84	Measurement of ocular aberrations in downward gaze using a modified clinical aberrometer. Biomedical Optics Express, 2011, 2, 452.	1.5	7
85	The influence of downward gaze and accommodation on ocular aberrations over time. Journal of Vision, 2011, 11, 17-17.	0.1	18
86	Depth of focus and visual acuity with primary and secondary spherical aberration. Vision Research, 2011, 51, 1648-1658.	0.7	90
87	Predicting Dry Eye Using Noninvasive Techniques of Tear Film Surface Assessment. , 2011, 52, 751.		48
88	Diagnosing dry eye with dynamic-area high-speed videokeratoscopy. Journal of Biomedical Optics, 2011, 16, 076012.	1.4	22
89	A subjective refraction-based assessment of image quality metric. Photonics Letters of Poland, 2011, 3, .	0.2	5
90	Evaluating the Clinical Utility of Noninvasive Methods for Measuring Tear Film Surface Quality. Photonics Letters of Poland, 2011, 3, .	0.2	0

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91	Lateral Shearing Interferometry for Analysis of Tear Film Surface Kinetics. <i>Optometry and Vision Science</i> , 2010, 87, 513-517.	0.6	26
92	The Role of Cardiopulmonary Signals in the Dynamics of the Eye's Wavefront Aberrations. <i>IEEE Transactions on Biomedical Engineering</i> , 2010, 57, 373-383.	2.5	23
93	Ultrasonic Measurement of Fine Head Movements in a Standard Ophthalmic Headrest. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2010, 59, 164-170.	2.4	26
94	Estimation of the depth of focus from wavefront measurements. <i>Journal of Vision</i> , 2010, 10, 1-9.	0.1	43
95	Lateral shearing interferometry, dynamic wavefront sensing, and high-speed videokeratoscopy for noninvasive assessment of tear film surface characteristics: a comparative study. <i>Journal of Biomedical Optics</i> , 2010, 15, 037005.	1.4	29
96	Improving the performance of model-order selection criteria by partial-model selection search. , 2010, , .		4
97	Model-Order Selection in Zernike Polynomial Expansion of Corneal Surfaces Using the Efficient Detection Criterion. <i>IEEE Transactions on Biomedical Engineering</i> , 2010, 57, 2429-2437.	2.5	11
98	Modeling Videokeratographic Height Data with Spherical Harmonics. <i>Optometry and Vision Science</i> , 2009, 86, 542-547.	0.6	17
99	Robust estimation of tear film surface quality in lateral shearing interferometry. <i>Journal of Biomedical Optics</i> , 2009, 14, 064039.	1.4	21
100	Enhancing the Standard Operating Range of a Placido Disk Videokeratoscope for Corneal Surface Estimation. <i>IEEE Transactions on Biomedical Engineering</i> , 2009, 56, 800-809.	2.5	10
101	Modeling Corneal Surfaces With Rational Functions for High-Speed Videokeratoscopy Data Compression. <i>IEEE Transactions on Biomedical Engineering</i> , 2009, 56, 493-499.	2.5	23
102	Assessment of Tear Film Surface Quality Using Dynamic-Area High-Speed Videokeratoscopy. <i>IEEE Transactions on Biomedical Engineering</i> , 2009, 56, 1473-1481.	2.5	23
103	Mathematical models for describing the shape of the in vitro unstretched human crystalline lens. <i>Vision Research</i> , 2009, 49, 2442-2452.	0.7	24
104	Describing ocular aberrations with wavefront vergence maps. <i>Australasian journal of optometry</i> , The, 2009, 92, 194-205.	0.6	13
105	The statistics of refractive error maps: managing wavefront aberration analysis without Zernike polynomials. <i>Ophthalmic and Physiological Optics</i> , 2009, 29, 292-299.	1.0	10
106	Comparison of high-speed videokeratoscopy and ultrasound distance sensing for measuring the longitudinal corneal apex movements. <i>Ophthalmic and Physiological Optics</i> , 2009, 29, 227-234.	1.0	7
107	Corneal topography with Scheimpflug imaging and videokeratography: Comparative study of normal eyes. <i>Journal of Cataract and Refractive Surgery</i> , 2009, 35, 1072-1081.	0.7	90
108	Zernike radial slope polynomials for wavefront reconstruction and refraction. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2009, 26, 1035.	0.8	13

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109	The applicability of biased estimation in model and model order selection. , 2009, , .		2
110	Tear Film Surface Quality With Soft Contact Lenses Using Dynamic-Area High-Speed Videokeratoscopy. Eye and Contact Lens, 2009, 35, 227-231.	0.8	34
111	Estimating Corneal Surface Topography in Videokeratoscopy in the Presence of Strong Signal Interference. IEEE Transactions on Biomedical Engineering, 2008, 55, 2381-2387.	2.5	18
112	Tear Film Surface Quality with Soft Contact Lenses Using Dynamic Videokeratoscopy. Journal of Optometry, 2008, 1, 14-21.	0.7	29
113	Computationally efficient interference detection in videokeratoscopy images. , 2008, , .		3
114	Optically inspired biomechanical model of the human eyeball. Journal of Biomedical Optics, 2008, 13, 044034.	1.4	15
115	On the computer intensive methods in model selection. Proceedings of the IEEE International Conference on Acoustics, Speech, and Signal Processing, 2008, , .	1.8	5
116	Diurnal Variation of Axial Length, Intraocular Pressure, and Anterior Eye Biometrics. , 2008, 49, 2911.		137
117	The Skew Ray Ambiguity in the Analysis of Videokeratographic Data. Optometry and Vision Science, 2007, 84, 435-442.	0.6	13
118	Extrapolation of Central Corneal Topography Into the Periphery. Eye and Contact Lens, 2007, 33, 293-299.	0.8	5
119	Potential Higher-Order Aberration Cues for Sphero-Cylindrical Refractive Error Development. Optometry and Vision Science, 2007, 84, 163-174.	0.6	18
120	The "Hook and Loop" Resampling Plane. , 2007, , .		4
121	Bootstrap Methods in Signal Processing [From the Guest Editors]. IEEE Signal Processing Magazine, 2007, 24, 7-8.	4.6	13
122	Dynamics of ocular surface topography. Eye, 2007, 21, 624-632.	1.1	32
123	Spectral characteristics of longitudinal corneal apex velocities and their relation to the cardiopulmonary system. Eye, 2007, 21, 1212-1219.	1.1	29
124	Objective refraction from monochromatic wavefront aberrations via Zernike power polynomials. Ophthalmic and Physiological Optics, 2007, 27, 245-255.	1.0	42
125	Computer simulation of visual outcomes of wavefront-only corneal ablation. Journal of Cataract and Refractive Surgery, 2006, 32, 487-494.	0.7	4
126	Blinking Patterns and Corneal Staining. Eye and Contact Lens, 2006, 32, 287-293.	0.8	53

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127	The Morphology of the Palpebral Fissure in Different Directions of Vertical Gaze. <i>Optometry and Vision Science</i> , 2006, 83, 715-722.	0.6	28
128	Computational Aspects of the Visual Strehl Ratio. <i>Optometry and Vision Science</i> , 2006, 83, 57-59.	0.6	48
129	Combining Central and Peripheral Videokeratoscope Maps to Investigate Total Corneal Topography. <i>Eye and Contact Lens</i> , 2006, 32, 27-32.	0.8	18
130	The contribution of accommodation and the ocular surface to the microfluctuations of wavefront aberrations of the eye. <i>Ophthalmic and Physiological Optics</i> , 2006, 26, 439-446.	1.0	20
131	Dynamics in longitudinal eye movements and corneal shape. <i>Ophthalmic and Physiological Optics</i> , 2006, 26, 572-579.	1.0	23
132	Approximating ocular surfaces by generalised conic curves. <i>Ophthalmic and Physiological Optics</i> , 2006, 26, 602-609.	1.0	25
133	Retinal image quality, reading and myopia. <i>Vision Research</i> , 2006, 46, 196-215.	0.7	61
134	A Parametric Approach to Measuring Limbus Corneae From Digital Images. <i>IEEE Transactions on Biomedical Engineering</i> , 2006, 53, 1134-1140.	2.5	21
135	Applications of high-speed videokeratoscopy. <i>Australasian journal of optometry, The</i> , 2005, 88, 223-231.	0.6	54
136	Evaluating Tear Film Stability in the Human Eye With High-Speed Videokeratoscopy. <i>IEEE Transactions on Biomedical Engineering</i> , 2005, 52, 1939-1949.	2.5	45
137	The stability test for symmetric alpha-stable distributions. <i>IEEE Transactions on Signal Processing</i> , 2005, 53, 977-986.	3.2	36
138	Microfluctuations of wavefront aberrations of the eye. <i>Ophthalmic and Physiological Optics</i> , 2004, 24, 562-571.	1.0	47
139	Automatic Pupillometry From Digital Images. <i>IEEE Transactions on Biomedical Engineering</i> , 2004, 51, 1619-1627.	2.5	35
140	A Refined Bootstrap Method for Estimating the Zernike Polynomial Model Order for Corneal Surfaces. <i>IEEE Transactions on Biomedical Engineering</i> , 2004, 51, 2203-2206.	2.5	17
141	Analyzing the Dynamic Wavefront Aberrations in the Human Eye. <i>IEEE Transactions on Biomedical Engineering</i> , 2004, 51, 1969-1980.	2.5	51
142	Influence of intraocular pressure on geometrical properties of a linear model of the eyeball: Effect of optical self-adjustment. <i>Optik</i> , 2004, 115, 517-524.	1.4	12
143	Formulation and comparison of two detectors of independent timing jitter in a complex harmonic. <i>IEEE Transactions on Signal Processing</i> , 2003, 51, 3043-3052.	3.2	3
144	Corneal Topography and Accommodation. <i>Cornea</i> , 2003, 22, 311-316.	0.9	71

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145	Automatic estimation of the corneal limbus in videokeratography. IEEE Transactions on Biomedical Engineering, 2002, 49, 1617-1625.	2.5	27
146	Ocular Microfluctuations and Videokeratography. Cornea, 2002, 21, 346-351.	0.9	38
147	Blur detection thresholds in childhood myopia: single and dual target presentation. Vision Research, 2002, 42, 239-247.	0.7	30
148	Modeling of corneal surfaces with radial polynomials. IEEE Transactions on Biomedical Engineering, 2002, 49, 320-328.	2.5	63
149	The Stability of Corneal Topography in the Post-Blink Interval. Cornea, 2001, 20, 826-833.	0.9	77
150	Optimal modeling of corneal surfaces with Zernike polynomials. IEEE Transactions on Biomedical Engineering, 2001, 48, 87-95.	2.5	148
151	Monochromatic aberrations and characteristics of retinal image quality. Australasian journal of optometry, The, 2000, 83, 315-322.	0.6	12
152	Bootstrap modeling of a class of nonstationary signals. IEEE Transactions on Signal Processing, 2000, 48, 399-408.	3.2	15
153	Estimation of the parameters of the K-distribution using higher order and fractional moments [radar clutter]. IEEE Transactions on Aerospace and Electronic Systems, 1999, 35, 1453-1457.	2.6	107
154	A method for estimating the parameters of the K distribution. IEEE Transactions on Signal Processing, 1999, 47, 1147-1151.	3.2	69
155	Bootstrapping bispectra: an application to testing for departure from Gaussianity of stationary signals. IEEE Transactions on Signal Processing, 1999, 47, 880-884.	3.2	15