Samuel Arba-Mosquera

List of Publications by Year
in descending order

143	2,788	218381	301761
papers	citations	26 h-index	39 g-index

149	149	149	1090
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Twelve-month outcomes of a new refractive lenticular extraction procedure. Journal of Optometry, 2023, 16, 30-41.	0.7	10
2	All Surface Laser Ablation and Crosslinking. , 2022, , 177-186.		0
3	Three-year outcomes of mixed astigmatism correction with single-step transepithelial photorefractive keratectomy with a large ablation zone. Journal of Cataract and Refractive Surgery, 2021, 47, 450-458.	0.7	6
4	Results of thin-cap small-incision lenticule extraction. Journal of Cataract and Refractive Surgery, 2021, 47, 439-444.	0.7	9
5	Three-Month Outcomes of Myopic Astigmatism Correction With Small Incision Guided Human Cornea Treatment. Journal of Refractive Surgery, 2021, 37, 304-311.	1.1	11
6	Analytical optimization of the cutting efficiency for generic cavitation bubbles. Biomedical Optics Express, 2021, 12, 3819.	1.5	8
7	Comparison of Refractive and Visual Outcomes after Transepithelial Photorefractive Keratectomy (TransPRK) in Low versus Moderate Myopia. Photonics, 2021, 8, 262.	0.9	4
8	Topography-Guided Photorefractive Keratectomy for Postkeratoplasty Astigmatism: Long-Term Outcomes. Cornea, 2021, 40, 78-87.	0.9	7
9	Effect of laser beam truncation (pinhole), (ordered) dithering, and jitter on residual smoothness after poly(methyl methacrylate) ablations, using a close-to-Gaussian beam profile. Advanced Optical Technologies, 2021, 10, 409-421.	0.9	2
10	Analytical optimization of the laser induced refractive index change (LIRIC) process: maximizing LIRIC without reaching the damage threshold. Advanced Optical Technologies, 2021, 10, 363-373.	0.9	2
11	A simple cornea deformation model. Advanced Optical Technologies, 2021, 10, 433-450.	0.9	3
12	Customized versus Standard Epithelium Profiles in Transepithelial Photorefractive Keratectomy. Optics, 2021, 2, 266-275.	0.6	1
13	Stability of corneal topography and aberrometry after hyperopic laser in situ keratomileusis with a 500-Hz excimer laser platform: A 3-year follow-up study. European Journal of Ophthalmology, 2020, 30, 1238-1245.	0.7	3
14	A review of clinical outcomes following SMILE for the treatment of astigmatism. Expert Review of Ophthalmology, 2020, 15, 321-330.	0.3	4
15	Comparison of clinical outcomes between vector planning and manifest refraction planning in SMILE for myopic astigmatism. Journal of Cataract and Refractive Surgery, 2020, 46, 1149-1158.	0.7	12
16	Theoretical Effect of Coma and Spherical Aberrations Translation on Refractive Error and Higher Order Aberrations. Photonics, 2020, 7, 116.	0.9	3
17	Clinical outcomes of immediate transepithelial photorefractive keratectomy after suction loss during small-incision lenticule extraction. Journal of Cataract and Refractive Surgery, 2020, 46, 756-761.	0.7	6
18	TransPRK treatment for residual refractive error and induced aberrations in eye undergone SMILE treatment. European Journal of Ophthalmology, 2020, 31, 112067212093439.	0.7	1

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19	Analysis of Impact of Humidity and Temperature on Excimer Laser Ablation of Polyethylene Terephthalate, Polymethylmethacrylate, and Porcine Corneal Tissue. Lasers in Surgery and Medicine, 2020, 52, 627-638.	1.1	2
20	Long-term Outcomes After LASIK Using a Hybrid Bi-aspheric Micro-monovision Ablation Profile for Presbyopia Correction. Journal of Refractive Surgery, 2020, 36, 89-96.	1.1	10
21	Customized Ablation Area PTK as a Technique for Salzmann's Degeneration and Other Focal Stromal Pathologies. Journal of Refractive Surgery, 2020, 36, 340-344.	1.1	2
22	Customized Wavefront-Optimized Transepithelial Photorefractive Keratectomy for a Retained Lenticule Fragment After Primary SMILE. Journal of Refractive Surgery, 2020, 36, 395-399.	1.1	0
23	Repeatability and reproducibility of manifest refraction. Journal of Cataract and Refractive Surgery, 2020, 46, 1659-1666.	0.7	17
24	March consultation #4. Journal of Cataract and Refractive Surgery, 2020, 46, 486-487.	0.7	0
25	Impact of the Reference Point for Epithelial Thickness Measurements. Journal of Refractive Surgery, 2020, 36, 200-207.	1.1	3
26	Thermal Load During Corneal Excimer Laser Ablation: Impact of Different Ablation Parameters. Journal of Refractive Surgery, 2020, 36, 667-676.	1.1	1
27	High-speed recording of thermal load during laser trans-epithelial corneal refractive surgery using a 750 Hz ablation system. Journal of Optometry, 2019, 12, 84-91.	0.7	13
28	Three-year outcomes after high hyperopia correction using photorefractive keratectomy with a large ablation zone. British Journal of Ophthalmology, 2019, 103, 849-854.	2.1	7
29	Immediate and short term visual recovery after SmartSurfACE photorefractive keratectomy. Journal of Optometry, 2019, 12, 240-247.	0.7	16
30	Clinical outcomes of mechanical and transepithelial photorefractive keratectomy in low myopia with a large ablation zone. Journal of Cataract and Refractive Surgery, 2019, 45, 977-984.	0.7	12
31	Six-Month Outcomes After High Hyperopia Correction Using Laser-Assisted In Situ Keratomileusis With a Large Ablation Zone. Cornea, 2019, 38, 1147-1153.	0.9	7
32	Unilateral ectasia after small-incision lenticule extraction. Journal of Cataract and Refractive Surgery, 2019, 45, 236-241.	0.7	13
33	Varifocal Versus Monofocal LASIK in Presbyopic Hyperopic Eyes. Journal of Refractive Surgery, 2019, 35, 459-466.	1.1	4
34	Influence of Extrinsic and Intrinsic Parameters on Myopic Correction in Small Incision Lenticule Extraction. Journal of Refractive Surgery, 2019, 35, 712-720.	1.1	7
35	Predictors of Visual Acuity Improvement and Supernormal Vision After Refined Single-Step Transepithelial Photorefractive Keratectomy. Journal of Refractive Surgery, 2019, 35, 771-780.	1.1	4
36	Epithelial Erosions and Refractive Results After Single-Step Transepithelial Photorefractive Keratectomy and Alcohol-Assisted Photorefractive Keratectomy in Myopic Eyes: A Comparative Evaluation Over 12 Months. Cornea, 2018, 37, 45-52.	0.9	16

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37	An alternative application of Rasch analysis to assess data from ophthalmic patient-reported outcome instruments. PLoS ONE, 2018, 13, e0197503.	1.1	11
38	Relationship Between Decentration and Induced Corneal Higher-Order Aberrations Following Small-Incision Lenticule Extraction Procedure. , 2018, 59, 2316.		40
39	Clinical Outcomes of SMILE With a Triple Centration Technique and Corneal Wavefront-Guided Transepithelial PRK in High Astigmatism. Journal of Refractive Surgery, 2018, 34, 156-163.	1.1	45
40	Efficacy and safety of transepithelial photorefractive keratectomy. Journal of Cataract and Refractive Surgery, 2018, 44, 1267-1279.	0.7	45
41	Comparing corneal higher-order aberrations in corneal wavefront-guided transepithelial photorefractive keratectomy versus small-incision lenticule extraction. Journal of Cataract and Refractive Surgery, 2018, 44, 725-733.	0.7	21
42	Comparison between Wavefront-optimized and corneal Wavefront-guided Transepithelial photorefractive keratectomy in moderate to high astigmatism. BMC Ophthalmology, 2018, 18, 154.	0.6	20
43	The art of nomograms. Eye and Vision (London, England), 2018, 5, 2.	1.4	11
44	Corneal functional optical zone under monocular and binocular assessment. Eye and Vision (London,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.4	3
45	Combined wavefront-guided transepithelial photorefractive keratectomy and corneal crosslinking for visual rehabilitation in moderate keratoconus. Journal of Cataract and Refractive Surgery, 2018, 44, 571-580.	0.7	40
46	Review of technological advancements in calibration systems for laser vision correction. Journal of Biomedical Optics, 2018, 23, 1.	1.4	2
47	Transepithelial Photorefractive Keratectomy in Moderate to High Astigmatism With a Non-wavefrontâ€“Guided Aberration-Neutral Ablation Profile. Journal of Refractive Surgery, 2018, 34, 466-474.	1.1	22
48	Comparison of the Distribution of Lenticule Decentration Following SMILE by Subjective Patient Fixation or Triple Marking Centration. Journal of Refractive Surgery, 2018, 34, 446-452.	1.1	24
49	Clinical Outcomes of Transepithelial Photorefractive Keratectomy According to Epithelial Thickness. Journal of Refractive Surgery, 2018, 34, 533-540.	1.1	15
50	Factors Associated With Ocular Cyclotorsion Detected by High-Speed Dual-Detection Eye Tracker During Single-Step Transepithelial Photorefractive Keratectomy. Journal of Refractive Surgery, 2018, 34, 736-744.	1.1	4
51	Corneal-Wavefront guided transepithelial photorefractive keratectomy after corneal collagen cross linking in keratoconus. Journal of Optometry, 2017, 10, 52-62.	0.7	13
52	Single-step transepithelial versus alcohol-assisted photorefractive keratectomy in the treatment of high myopia: a comparative evaluation over 12â€…months. British Journal of Ophthalmology, 2017, 101, 1106-1112.	2.1	43
53	Laser in Situ Keratomileusis for High Hyperopia with Corneal Vertex Centration and Asymmetric Offset. European Journal of Ophthalmology, 2017, 27, 141-152.	0.7	14
54	Clinical outcomes of laser in situ keratomileusis with an aberration-neutral profile centered on the corneal vertex comparing vector planning with manifest refraction planning for the treatment of myopic astigmatism. Journal of Cataract and Refractive Surgery, 2017, 43, 1504-1514.	0.7	22

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55	Single-step transepithelial photorefractive keratectomy in high myopia: qualitative and quantitative visual functions. International Journal of Ophthalmology, 2017, 10, 445-452.	0.5	14
56	Optimum Laser Beam Characteristics for Achieving Smoother Ablations in Laser Vision Correction. , 2017, 58, 2021.		10
57	Advanced Surface Ablation With a New Software for the Reduction of Ablation Irregularities. Journal of Refractive Surgery, 2017, 33, 89-95.	1.1	31
58	Postoperative Corneal Asphericity in Low, Moderate, and High Myopic Eyes After Transepithelial PRK Using a New Pulse Allocation. Journal of Refractive Surgery, 2017, 33, 820-826.	1.1	14
59	Myopia correction with transepithelial photorefractive keratectomy versus femtosecondâ^'assisted laser in situ keratomileusis: One-year case-matched analysis. Journal of Cataract and Refractive Surgery, 2016, 42, 1579-1587.	0.7	32
60	Bilateral symmetry in vision and influence of ocular surgical procedures on binocular vision: A topical review. Journal of Optometry, 2016, 9, 219-230.	0.7	26
61	Single-Step Transepithelial PRK vs Alcohol-Assisted PRK in Myopia and Compound Myopic Astigmatism Correction. Medicine (United States), 2016, 95, e1993.	0.4	51
62	LASIK for Hyperopia Using an Aberration-Neutral Profile With an Asymmetric Offset Centration. Journal of Refractive Surgery, 2016, 32, 78-83.	1.1	16
63	Optical Profile Following High Hyperopia Correction With a 500-Hz Excimer Laser System. Journal of Refractive Surgery, 2016, 32, 6-13.	1.1	19
64	Transepithelial Photorefractive Keratectomy for Hyperopia: A 12-Month Bicentral Study. Journal of Refractive Surgery, 2016, 32, 172-180.	1.1	24
65	Presbyopic LASIK Using Hybrid Bi-Aspheric Micro-Monovision Ablation Profile for Presbyopic Corneal Treatments. American Journal of Ophthalmology, 2015, 160, 493-505.	1.7	45
66	Thermodynamic measurement after cooling the cornea with intact epithelium and lid manipulation. Journal of Optometry, 2015, 8, 170-173.	0.7	3
67	Centration axis in refractive surgery. Eye and Vision (London, England), 2015, 2, 4.	1.4	62
68	Analysis of the change in peak corneal temperature during excimer laser ablation in porcine eyes. Journal of Biomedical Optics, 2015, 20, 1.	1.4	12
69	Hyperopic laser in situ keratomileusis: Comparison of femtosecond laser and mechanical microkeratome flap creation. Journal of Cataract and Refractive Surgery, 2015, 41, 1602-1609.	0.7	17
70	Influence of corneal asphericity on refractive outcomes after cataract surgery. Journal of Cataract and Refractive Surgery, 2015, 41, 1797-1798.	0.7	1
71	September consultation #9. Journal of Cataract and Refractive Surgery, 2015, 41, 2031-2033.	0.7	0
72	Effects of torsional movements in refractive procedures. Journal of Cataract and Refractive Surgery, 2015, 41, 1752-1766.	0.7	14

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73	Three-Year Follow-up of Hyperopic LASIK Using a 500-Hz Excimer Laser System. Journal of Refractive Surgery, 2015, 31, 674-682.	1.1	41
74	On-line Pachymetry Outcome of Ablation in Aberration Free Mode TransPRK. European Journal of Ophthalmology, 2014, 24, 483-489.	0.7	11
75	Corneal Biomechanical Properties at Different Corneal Cross-Linking (CXL) Irradiances. , 2014, 55, 2881.		199
76	Numerical nonwavefront-guided algorithm for expansion or recentration of the optical zone. Journal of Biomedical Optics, 2014, 19, 088001.	1.4	7
77	Presbyopic correction on the cornea. Eye and Vision (London, England), 2014, 1, 5.	1.4	19
78	Analysis of seasonal changes in residual refraction 1-year after corneal laser refractive surgery: a retrospective study. Journal of Optometry, 2014, 7, 138-146.	0.7	4
79	Influence of stromal refractive index and hydration on corneal laser refractive surgery. Journal of Cataract and Refractive Surgery, 2014, 40, 897-904.	0.7	11
80	Improving the ablation efficiency of excimer laser systems with higher repetition rates through enhanced debris removal and optimized spot pattern. Journal of Cataract and Refractive Surgery, 2014, 40, 477-484.	0.7	12
81	Nonwavefront-Guided Presby Reversal Treatment Targeting a Monofocal Cornea After Bi-aspheric Ablation Profile in a Patient Intolerant to Multifocality. Journal of Refractive Surgery, 2014, 30, 214-216.	1.1	14
82	Determination of the Excimer Laser Ablation Rate in Previously Cross-linked Corneas. Journal of Refractive Surgery, 2014, 30, 628-632.	1.1	13
83	Nonwavefront-guided Presby Reversal Treatment Targeting a Monofocal Cornea After Bi-aspheric Ablation Profile in a Patient Intolerant to Multifocality. Journal of Refractive Surgery, 2014, 30, 440-440.	1.1	0
84	Uncorrected Binocular Performance After Biaspheric Ablation Profile for Presbyopic Corneal Treatment Using AMARIS with the PresbyMAX Module. American Journal of Ophthalmology, 2013, 155, 636-647.e1.	1.7	54
85	Aspheric photorefractive keratectomy for myopia and myopic astigmatism with the SCHWIND AMARIS laser: 2 years postoperative outcomes. Journal of Optometry, 2013, 6, 9-17.	0.7	2
86	Reply. American Journal of Ophthalmology, 2013, 156, 848-849.	1.7	0
87	Influence of patient age on high myopic correction in corneal laser refractive surgery. Journal of Cataract and Refractive Surgery, 2013, 39, 204-210.	0.7	9
88	Analytical optimization of the ablation efficiency at normal and non-normal incidence for generic super Gaussian beam profiles. Biomedical Optics Express, 2013, 4, 1422.	1.5	11
89	Theoretical analyses of the refractive implications of transepithelial PRK ablations. British Journal of Ophthalmology, 2013, 97, 905-911.	2.1	28
90	One-Year Experience in Presbyopia Correction With Biaspheric Multifocal Central Presbyopia Laser In Situ Keratomileusis. Cornea, 2013, 32, 644-652.	0.9	54

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91	New Improvements in the Excimer Laser Technology for the Correction of Myopia. Highlights of Ophthalmology, 2013, 41, 15-22.	0.0	0
92	Nuevas Mejoras en laTecnologÃa de LÃ¡ser Excimerpara la CorrecciÃ³n de la MiopÃa. Highlights of Ophthalmology, 2013, 41, 15-22.	0.0	0
93	In Vivo Measurements of Thermal Load During Ablation in High-speed Laser Corneal Refractive Surgery. Journal of Refractive Surgery, 2012, 28, 53-58.	1.1	33
94	A Randomized Comparison of Pupil-Centered Versus Vertex-Centered Ablation in LASIK Correction of Hyperopia. American Journal of Ophthalmology, 2012, 153, 775-776.	1.7	3
95	Consecutive myopia correction with transepithelial versus alcohol-assisted photorefractive keratectomy in contralateral eyes: One-year results. Journal of Cataract and Refractive Surgery, 2012, 38, 1414-1423.	0.7	60
96	Analysis of the cornea-to-PMMA ablation efficiency rate. Journal of Modern Optics, 2012, 59, 930-941.	0.6	7
97	Multifocality changes after LASIK. Journal of Optometry, 2012, 5, 202-208.	0.7	1
98	Analysis of the effects of Eye-Tracker performance on the pulse positioning errors during refractive surgery. Journal of Optometry, 2012, 5, 31-37.	0.7	12
99	3-Month experience in presbyopic correction with bi-aspheric multifocal central presbyLASIK treatments for hyperopia and myopia with or without astigmatism. Journal of Optometry, 2012, 5, 9-23.	0.7	8
100	New Asymmetric Centration Strategy Combining Pupil and Corneal Vertex Information for Ablation Procedures in Refractive Surgery: Theoretical Background. Journal of Refractive Surgery, 2012, 28, 567-575.	1.1	19
101	Comparison of single-step reverse transepithelial all-surface laser ablation (ASLA) to alcohol-assisted photorefractive keratectomy. Clinical Ophthalmology, 2012, 6, 973.	0.9	82
102	Stability of Therapeutic Retreatment of Corneal Wavefront Customized Ablation With the SCHWIND CAM: 4-year Data. Journal of Refractive Surgery, 2012, 28, 347-354.	1.1	11
103	Corneal Higher Order Aberrations After LASIK for High Myopia With a Fast Repetition Rate Excimer Laser, Optimized Ablation Profile, and Femtosecond Laserâ€“assisted Flap. Journal of Refractive Surgery, 2012, 28, 689-696.	1.1	46
104	Aspheric Optical Zones in hyperopia with the SCHWIND AMARIS. Journal of Optometry, 2011, 4, 85-94.	0.7	6
105	Simulation of the Impact of Refractive Surgery Ablative Laser Pulses with a Flying-Spot Laser Beam on Intrasurgery Corneal Temperature. , 2011, 52, 3713.		16
106	Six-Month Clinical Outcomes of Customized Treatments Minimized for Depth and Time in Laser Corneal Refractive Surgery. Cornea, 2011, 30, 876-888.	0.9	4
107	Three-month Clinical Outcomes With Static and Dynamic Cyclotorsion Correction Using the SCHWIND AMARIS. Cornea, 2011, 30, 951-957.	0.9	20
108	The effect of static cyclotorsion compensation on refractive and visual outcomes using the Schwind Amaris laser platform for the correction of high astigmatism. Contact Lens and Anterior Eye, 2011, 34, 114-120.	0.8	19

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109	Comparison of LASEK and LASIK with Thin and Ultrathin Flaps After Excimer Laser Ablation with the SCHWIND Aspheric Ablation Profile. Journal of Refractive Surgery, 2011, 27, 38-48.	1.1	10
110	Aspheric Optical Zones: The Effective Optical Zone with the SCHWIND AMARIS. Journal of Refractive Surgery, 2011, 27, 135-146.	1.1	23
111	Correlation Among Ocular Spherical Aberration, Corneal Spherical Aberration, and Corneal Asphericity Before and After LASIK for Myopic Astigmatism with the SCHWIND Amaris Platform. Journal of Refractive Surgery, 2011, 27, 434-443.	1.1	14
112	Use of a Six-dimensional Eye-tracker in Corneal Laser Refractive Surgery With the SCHWIND AMARIS TotalTech Laser. Journal of Refractive Surgery, 2011, 27, 582-590.	1.1	16
113	Evaluation of thermal load during laser corneal refractive surgery using infrared thermography. Infrared Physics and Technology, 2010, 53, 342-347.	1.3	24
114	Six-month clinical outcomes after hyperopic correction with the SCHWIND AMARIS Total-Tech laser. Journal of Optometry, 2010, 3, 198-205.	0.7	5
115	Ablation Resolution in Laser Corneal Refractive Surgery: The Dual Fluence Concept of the AMARIS Platform. Advances in Optical Technologies, 2010, 2010, 1-13.	0.8	13
116	Minimisation of the thermal load of the ablation in high-speed laser corneal refractive surgery: the â€˜intelligent thermal effect controlâ€™ of the AMARIS platform. Journal of Modern Optics, 2010, 57, 466-479.	0.6	34
117	Minimally Invasive Refractive Surgery. , 2010, , 97-122.		5
118	Asphericity analysis using corneal wavefront and topographic meridional fits. Journal of Biomedical Optics, 2010, 15, 028003.	1.4	13
119	Laser corneal refractive surgery in the twenty-first century: a review of the impact of refractive surgery on high-order aberrations (and vice versa). Journal of Modern Optics, 2010, 57, 1041-1074.	0.6	9
120	Analysis of the PMMA and cornea temperature rise during excimer laser ablation. Journal of Modern Optics, 2010, 57, 400-407.	0.6	19
121	Bilateral Symmetry before and Six Months after Aberration-Freeâ„¢ Correction with the SCHWIND AMARIS TotalTech Laser: Clinical Outcomes. Journal of Optometry, 2010, 3, 20-28.	0.7	17
122	Simultaneous aspheric wavefront-guided transepithelial photorefractive keratectomy and phototherapeutic keratectomy to correct aberrations and refractive errors after corneal surgery. Journal of Cataract and Refractive Surgery, 2010, 36, 1173-1180.	0.7	55
123	Decision Assistant Wizard to Standardize Optimal Outcomes in Excimer Laser Refractive Corneal Surgery. Journal of Refractive Surgery, 2010, 26, 980-990.	1.1	4
124	Structural-functional Correlations of Corneal Innervation After LASIK and Penetrating Keratoplasty. Journal of Refractive Surgery, 2010, 26, 159-167.	1.1	64
125	Topographic Stability After Hyperopic LASIK. Journal of Refractive Surgery, 2010, 26, 547-554.	1.1	23
126	Clinical outcomes of corneal wavefront customized ablation strategies with SCHWIND CAM in LASIK treatments. Ophthalmic and Physiological Optics, 2009, 29, 487-496.	1.0	32

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127	Analysis of optimized profiles for â€˜aberrationâ€freeâ€™ refractive surgery. Ophthalmic and Physiological Optics, 2009, 29, 535-548.	1.0	49
128	Excimer laser correction of moderate to high astigmatism with a non-wavefront-guided aberration-free ablation profile: Six-month results. Journal of Cataract and Refractive Surgery, 2009, 35, 1789-1798.	0.7	50
129	Tissue-Saving Zernike Terms Selection in Customized Treatments for Refractive Surgery. Journal of Optometry, 2009, 2, 182-196.	0.7	13
130	Aberration-neutral Ablation Pattern in Hyperopic LASIK With the ESIRIS Laser Platform. Journal of Refractive Surgery, 2009, 25, 175-184.	1.1	17
131	Comparison of Standard and Aberration-neutral Profiles for Myopic LASIK With the SCHWIND ESIRIS Platform. Journal of Refractive Surgery, 2009, 25, 339-349.	1.1	43
132	Central Ablation Depth and Postoperative Refraction in Excimer Laser Myopic Correction Measured With Ultrasound, Scheimpflug, and Optical Coherence Pachymetry. Journal of Refractive Surgery, 2009, 25, 699-708.	1.1	21
133	LASIK for Myopia With Aspheric â€œAberration Neutralâ€•Ablations Using the ESIRIS Laser System. Journal of Refractive Surgery, 2009, 25, 991-999.	1.1	38
134	Clinical Outcomes of LASIK for Myopia Using the SCHWIND Platform With Ocular Wavefront Customized Ablation. Journal of Refractive Surgery, 2009, 25, 1083-1090.	1.1	11
135	The SCHWIND AMARIS total-tech laser as an all-rounder in refractive surgery. Middle East African Journal of Ophthalmology, 2009, 16, 46.	0.5	20
136	Geometrical analysis of the loss of ablation efficiency at non-normal incidence. Optics Express, 2008, 16, 3877.	1.7	73
137	Clinical Effects of Pure Cyclotorsional Errors during Refractive Surgery. , 2008, 49, 4828.		69
138	Clinical Outcomes of Corneal Vertex Versus Central Pupil References with Aberration-Free Ablation Strategies and LASIK. , 2008, 49, 5287.		106
139	Topographic Changes After Hyperopic LASIK With the SCHWIND ESIRIS Laser Platform. Journal of Refractive Surgery, 2008, 24, 137-144.	1.1	26
140	Mathematical Properties of Asphericity: A Method to Calculate With Asphericities. Journal of Refractive Surgery, 2008, 24, 119-121.	1.1	15
141	Centration during hyperopic LASIK using the coaxial light reflex. Journal of Refractive Surgery, 2007, 23, 11; author reply 11.	1.1	5
142	Q-factor customized ablations. Journal of Cataract and Refractive Surgery, 2006, 32, 1981-1982.	0.7	3
143	Optimized Profiles for Astigmatic Refractive Surgery. , 0, , .		1