Dan Z Reinstein

List of Publications by Year
in descending order

189 papers	7,797 citations	41344 49 h-index	64796 79 g-index
195 all docs	195 docs citations	195 times ranked	2119 citing authors

#	Article	IF	Citations
1	The Time Has Come for Refractive Surgery to Be Included in the Fight Against Global Visual Impairment Due to Uncorrected Refractive Error. Journal of Refractive Surgery, 2022, 38, 6-8.	2.3	2
2	Comparison of Epithelial Thickness Mapping in Normal Corneas with Different Types of Astigmatism. Optometry and Vision Science, 2022, 99, 443-448.	1.2	3
3	New Sizing Parameters and Model for Predicting Postoperative Vault for the Implantable Collamer Lens Posterior Chamber Phakic Intraocular Lens. Journal of Refractive Surgery, 2022, 38, 272-279.	2.3	23
4	Small Incision Lenticule Extraction (SMILE) for the Correction of High Myopia With Astigmatism. Journal of Refractive Surgery, 2022, 38, 262-271.	2.3	10
5	Visual and Refractive Outcomes Following Laser Blended Vision With Non-linear Aspheric Micro-anisometropia (PRESBYOND) in Myopic and Hyperopic Patients. Journal of Refractive Surgery, 2022, 38, 288-297.	2.3	5
6	Heidelberg Anterion Swept-Source OCT Corneal Epithelial Thickness Mapping: Repeatability and Agreement With Optovue Avanti. Journal of Refractive Surgery, 2022, 38, 356-363.	2.3	9
7	Epithelial thickness mapping for corneal refractive surgery. Current Opinion in Ophthalmology, 2022, 33, .	2.9	10
8	Objective and Subjective Quality of Vision After SMILE for High Myopia and Astigmatism. Journal of Refractive Surgery, 2022, 38, 404-413.	2.3	7
9	Refractive surgery beyond 2020. Eye, 2021, 35, 362-382.	2.1	64
10	Corneal Topography, Corneal Tomography, and Epithelial Maps in Keratoconus. , 2021, , 27-48.		0
11	Distribution of Pupil Offset and Angle Kappa in a Refractive Surgery Preoperative Population of 750 Myopic, Emmetropic, and Hyperopic Eyes. Journal of Refractive Surgery, 2021, 37, 49-58.	2.3	14
12	Coma Influence on Manifest Astigmatism in Coma-Dominant Irregular Corneal Optics. Journal of Refractive Surgery, 2021, 37, 274-282.	2.3	6
13	Postoperative Corneal Epithelial Remodeling After Intracorneal Ring Segment Procedures for Keratoconus: An Optical Coherence Tomography Study. Journal of Refractive Surgery, 2021, 37, 404-413.	2.3	10
14	Intraoperative Swept-Source OCTâ€“Based Corneal Topography for Measurement and Analysis of Stromal Surface After Epithelial Removal. Journal of Refractive Surgery, 2021, 37, 484-492.	2.3	4
15	Cap recovery technique and double-edge sign during small-incision lenticule extraction. Journal of Cataract and Refractive Surgery, 2021, 47, 1191-1195.	1.5	2
16	September consultation #7. Journal of Cataract and Refractive Surgery, 2021, 47, 1245-1245.	1.5	0
17	Reply to comment on: Comparison of clinical outcomes between vector planning and manifest refraction planning in small-incision lenticule extraction for myopic astigmatism. Journal of Cataract and Refractive Surgery, 2021, 47, 142-143.	1.5	0
18	Visual Outcomes, Footplate Position and Vault Achieved with the Visian Implantable Collamer Lens for Myopic Astigmatism. Clinical Ophthalmology, 2021, Volume 15, 4485-4497.	1.8	12

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19	Suction stability management in small incision lenticule extraction: incidence and outcomes of suction loss in 4000 consecutive procedures. Acta Ophthalmologica, 2020, 98, e72-e80.	1.1	20
20	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.	1.5	12
21	Epithelial implantation treatment after small-incision lenticule extraction. Journal of Cataract and Refractive Surgery, 2020, 46, 636-640.	1.5	3
22	Correction of Moderate to High Hyperopia With Implantation of an Allogeneic Refractive Lenticule. Journal of Refractive Surgery, 2020, 36, 772-779.	2.3	26
23	December consultation #4. Journal of Cataract and Refractive Surgery, 2020, 46, 1688-1688.	1.5	0
24	Decentration measurements using Placido corneal tangential curvature topography and Scheimpflug tomography pachymetry difference maps after small-incision lenticule extraction. Journal of Cataract and Refractive Surgery, 2019, 45, 1067-1073.	1.5	12
25	Small-incision lenticule extraction in a patient with high astigmatism and nystagmus. Journal of Cataract and Refractive Surgery, 2019, 45, 515-518.	1.5	2
26	Aborted small-incision lenticule extraction resulting from false plane creation and strategy for subsequent removal based on corneal layered pachymetry imaging. Journal of Cataract and Refractive Surgery, 2019, 45, 872-877.	1.5	5
27	Methods for the study of near, intermediate vision, and accommodation: an overview of subjective and objective approaches. Survey of Ophthalmology, 2019, 64, 90-100.	4.0	31
28	Small Incision Lenticule Extraction for Hyperopia: 3-Month Refractive and Visual Outcomes. Journal of Refractive Surgery, 2019, 35, 24-30.	2.3	17
29	Adjustment of Spherical Equivalent Correction According to Cap Thickness for Myopic Small Incision Lenticule Extraction. Journal of Refractive Surgery, 2019, 35, 153-160.	2.3	9
30	Small Incision Lenticule Extraction (SMILE) for Hyperopia: 12-Month Refractive and Visual Outcomes. Journal of Refractive Surgery, 2019, 35, 442-450.	2.3	24
31	Transepithelial Topography-Guided Ablation Assisted by Epithelial Thickness Mapping for Treatment of Regression After Myopic Refractive Surgery. Journal of Refractive Surgery, 2019, 35, 525-533.	2.3	9
32	Femtosecond Laserâ€“Assisted Small Incision Sutureless Intrastromal Lamellar Keratoplasty (SILK) for Corneal Transplantation in Keratoconus. Journal of Refractive Surgery, 2019, 35, 663-671.	2.3	16
33	Corneal Epithelial Thickness Mapping After Photorefractive Keratectomy for Myopia. Journal of Refractive Surgery, 2019, 35, 632-641.	2.3	25
34	Inferior pseudo-hinge fulcrum technique and intraoperative complications of laser in situ keratomileusis retreatment after small-incision lenticule extraction. Journal of Cataract and Refractive Surgery, 2018, 44, 1355-1362.	1.5	7
35	Relationship Between Decentration and Induced Corneal Higher-Order Aberrations Following Small-Incision Lenticule Extraction Procedure. , 2018, 59, 2316.		40
36	Outcomes for Mixed Cylinder LASIK With the MEL 90 ^{Â®} Excimer Laser. Journal of Refractive Surgery, 2018, 34, 672-680.	2.3	10

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37	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.	2.3	45
38	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.	1.5	21
39	Role of laser refractive surgery in cross-subsidization of nonprofit humanitarian eyecare and the burden of uncorrected refractive error in Nepal: Pilot project. Journal of Cataract and Refractive Surgery, 2018, 44, 1012-1017.	1.5	3
40	Analysis of cases and accuracy of 3 risk scoring systems in predicting ectasia after laser in situ keratomileusis. Journal of Cataract and Refractive Surgery, 2018, 44, 979-992.	1.5	35
41	Enhanced Tomographic Assessment to Detect Corneal Ectasia Based on Artificial Intelligence. American Journal of Ophthalmology, 2018, 195, 223-232.	3.3	130
42	Atypical presentation of diffuse lamellar keratitis after small-incision lenticule extraction: Sterile multifocal inflammatory keratitis. Journal of Cataract and Refractive Surgery, 2018, 44, 774-779.	1.5	9
43	Femtosecond Lenticule Extraction (FLEx) for Spherocylindrical Hyperopia Using New Profiles. Journal of Refractive Surgery, 2018, 34, 6-10.	2.3	10
44	Incidence and Outcomes of Optical Zone Enlargement and Recentration After Previous Myopic LASIK by Topography-Guided Custom Ablation. Journal of Refractive Surgery, 2018, 34, 121-130.	2.3	16
45	Variation of Lenticule Thickness for SMILE in Low Myopia. Journal of Refractive Surgery, 2018, 34, 453-459.	2.3	11
46	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.	2.3	24
47	Outcomes of Re-treatment by LASIK After SMILE. Journal of Refractive Surgery, 2018, 34, 578-588.	2.3	28
48	Incidence and Outcomes of Sterile Multifocal Inflammatory Keratitis and Diffuse Lamellar Keratitis After SMILE. Journal of Refractive Surgery, 2018, 34, 751-759.	2.3	18
49	Outcomes for Hyperopic LASIK With the MEL 90 ^{Â®} Excimer Laser. Journal of Refractive Surgery, 2018, 34, 799-808.	2.3	12
50	Suction Stability Management in SMILE: Development of a Decision Tree for Managing Eye Movements and Suction Loss. Journal of Refractive Surgery, 2018, 34, 809-816.	2.3	14
51	Therapeutic Refractive Surgery: State of Technology and a Call to Action. Journal of Refractive Surgery, 2018, 34, 294-295.	2.3	3
52	Lower Laser Energy Levels Lead to Better Visual Recovery After Small-Incision Lenticule Extraction: Prospective Randomized Clinical Trial. American Journal of Ophthalmology, 2017, 179, 159-170.	3.3	53
53	Standard for reporting refractive outcomes of intraocular lensâ€“based refractive surgery. Journal of Cataract and Refractive Surgery, 2017, 43, 435-439.	1.5	64
54	Diagnosing Keratoconus Using VHF Digital Ultrasound Epithelial Thickness Profiles. Essentials in Ophthalmology, 2017, , 151-166.	0.1	1

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55	Standard for Reporting Refractive Outcomes of Intraocular Lensâ€"Based Refractive Surgery. Journal of Refractive Surgery, 2017, 33, 218-222.	2.3	39
56	Combined Tomography and Epithelial Thickness Mapping for Diagnosis of Keratoconus. European Journal of Ophthalmology, 2017, 27, 129-134.	1.3	34
57	Small Incision Lenticule Extraction (SMILE) for Hyperopia: Optical Zone Centration. Journal of Refractive Surgery, 2017, 33, 150-156.	2.3	24
58	LASIK for the Correction of High Hyperopic Astigmatism With Epithelial Thickness Monitoring. Journal of Refractive Surgery, 2017, 33, 314-321.	2.3	27
59	Small Incision Lenticule Extraction (SMILE) for Hyperopia: Optical Zone Diameter and Spherical Aberration Induction. Journal of Refractive Surgery, 2017, 33, 370-376.	2.3	33
60	Repair of Irregularly Irregular Astigmatism by Transepithelial Phototherapeutic Keratectomy. Journal of Refractive Surgery, 2017, 33, 714-719.	2.3	13
61	Improved lenticule shape for hyperopic femtosecond lenticule extraction (ReLExÂ® FLEx): a pilot study. Lasers in Medical Science, 2016, 31, 659-664.	2.1	30
62	Quality control outcomes analysis of small-incision lenticule extraction for myopia by a novice surgeon at the first refractive surgery unit in Nepal during the first 2 years of operation. Journal of Cataract and Refractive Surgery, 2016, 42, 267-274.	1.5	26
63	Comparison of very-high-frequency ultrasound and spectral-domain optical coherence tomography corneal and epithelial thickness maps. Journal of Cataract and Refractive Surgery, 2016, 42, 95-101.	1.5	22
64	Comparison of Central Corneal Thickness Between Fourier-Domain OCT, Very High-Frequency Digital Ultrasound, and Scheimpflug Imaging Systems. Journal of Refractive Surgery, 2016, 32, 110-116.	2.3	10
65	Long-term Visual and Refractive Outcomes After LASIK for High Myopia and Astigmatism From â^'8.00 to â^'14.25 D. Journal of Refractive Surgery, 2016, 32, 290-297.	2.3	23
66	Mechanism for a Rare, Idiosyncratic Complication Following Hyperopic LASIK: Diurnal Shift in Refractive Error Due to Epithelial Thickness Profile Changes. Journal of Refractive Surgery, 2016, 32, 364-371.	2.3	3
67	Refractive Lenticule Transplantation for Correction of Iatrogenic Hyperopia and High Astigmatism After LASIK. Journal of Refractive Surgery, 2016, 32, 780-786.	2.3	15
68	Small Incision Lenticule Extraction (SMILE). Fundamentals of Technique and Clinical Outcomes. Highlights of Ophthalmology, 2016, 44, 17-20.	0.0	0
69	Comparison of Corneal Epithelial Thickness Measurement Between Fourier-Domain OCT and Very High-Frequency Digital Ultrasound. Journal of Refractive Surgery, 2015, 31, 438-445.	2.3	55
70	Detection of Keratoconus in Clinically and Algorithmically Topographically Normal Fellow Eyes Using Epithelial Thickness Analysis. Journal of Refractive Surgery, 2015, 31, 736-744.	2.3	63
71	Therapeutic Refractive Surgery. Journal of Refractive Surgery, 2015, 31, 6-8.	2.3	8
72	Standardization of laser in situ keratomileusis surgical technique evaluated by comparison of procedure time between 2 experienced surgeons. Journal of Cataract and Refractive Surgery, 2015, 41, 1004-1008.	1.5	10

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73	LASIK-Induced Aberrations. Optometry and Vision Science, 2015, 92, 447-455.	1.2	7
74	Small-incision lenticule extraction. Journal of Cataract and Refractive Surgery, 2015, 41, 652-665.	1.5	163
75	The Key Characteristics of Corneal Refractive Surgery: Biomechanics, Spherical Aberration, and Corneal Sensitivity After SMILE. , 2015, , 123-142.		1
76	Corneal sensitivity after small-incision lenticule extraction and laser in situ keratomileusis. Journal of Cataract and Refractive Surgery, 2015, 41, 1580-1587.	1.5	27
77	Comparison of the predictability of refractive cylinder correction by laser in situ keratomileusis in eyes with low or high ocular residual astigmatism. Journal of Cataract and Refractive Surgery, 2015, 41, 1383-1392.	1.5	20
78	September consultation #2. Journal of Cataract and Refractive Surgery, 2015, 41, 2025-2027.	1.5	0
79	Hyperopic Correction by ReLExÂ®. , 2015, , 193-200.		2
80	Stromal Surface Topography-guided Custom Ablation as a Repair Tool for Corneal Irregular Astigmatism. Journal of Refractive Surgery, 2015, 31, 54-59.	2.3	37
81	Comparison of Higher-Order Aberration Induction Between Manual Microkeratome and Femtosecond Laser Flap Creation. Journal of Refractive Surgery, 2015, 31, 130-135.	2.3	17
82	Outcomes for Myopic LASIK With the MEL 90 Excimer Laser. Journal of Refractive Surgery, 2015, 31, 316-321.	2.3	21
83	Biomechanical Modeling of Femtosecond Laser Keyhole Endokeratophakia Surgery. Journal of Refractive Surgery, 2015, 31, 480-486.	2.3	18
84	Optical Zone Centration Accuracy Using Corneal Fixation-based SMILE Compared to Eye Tracker-based Femtosecond Laser-assisted LASIK for Myopia. Journal of Refractive Surgery, 2015, 31, 586-592.	2.3	57
85	Small Incision Lenticule Extraction (SMILE) in 2015. US Ophthalmic Review, 2015, 8, 30.	0.2	0
86	Reply: To PMID 25437479. Journal of Refractive Surgery, 2015, 31, 279-80.	2.3	1
87	JRS Standard for Reporting Astigmatism Outcomes of Refractive Surgery. Journal of Refractive Surgery, 2014, 30, 654-659.	2.3	135
88	Epithelial Remodeling as Basis for Machine-Based Identification of Keratoconus. , 2014, 55, 1580.		109
89	Small incision lenticule extraction (SMILE) history, fundamentals of a new refractive surgery technique and clinical outcomes. Eye and Vision (London, England), 2014, 1, 3.	3.0	142
90	Epithelial thickness changes following realignment of a malpositioned free cap. Journal of Cataract and Refractive Surgery, 2014, 40, 1237-1239.	1.5	3

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91	Reproducibility of manifest refraction between surgeons and optometrists in a clinical refractive surgery practice. Journal of Cataract and Refractive Surgery, 2014, 40, 450-459.	1.5	43
92	Comparison of ocular biomechanical response parameters in myopic and hyperopic eyes using dynamic bidirectional applanation analysis. Journal of Cataract and Refractive Surgery, 2014, 40, 929-936.	1.5	21
93	Rate of Change of Curvature of the Corneal Stromal Surface Drives Epithelial Compensatory Changes and Remodeling. Journal of Refractive Surgery, 2014, 30, 800-802.	2.3	51
94	Lenticule Thickness Readout for Small Incision Lenticule Extraction Compared to Artemis Three-Dimensional Very High-Frequency Digital Ultrasound Stromal Measurements. Journal of Refractive Surgery, 2014, 30, 304-309.	2.3	57
95	Transepithelial Phototherapeutic Keratectomy Protocol for Treating Irregular Astigmatism Based on Population Epithelial Thickness Measurements by Artemis Very High-Frequency Digital Ultrasound. Journal of Refractive Surgery, 2014, 30, 380-387.	2.3	54
96	Outcomes of Small Incision Lenticule Extraction (SMILE) in Low Myopia. Journal of Refractive Surgery, 2014, 30, 812-818.	2.3	123
97	Artemis very high-frequency digital ultrasound guided femtosecond laser recut after flap complication. Digital Journal of Ophthalmology: DJO, 2014, 20, 43-47.	0.6	2
98	Comparison of Postoperative Vault Height Predictability Using White-to-White or Sulcus Diameterâ€“based Sizing for the Visian Implantable Collamer Lens. Journal of Refractive Surgery, 2013, 29, 30-35.	2.3	61
99	Mathematical Model to Compare the Relative Tensile Strength of the Cornea After PRK, LASIK, and Small Incision Lenticule Extraction. Journal of Refractive Surgery, 2013, 29, 454-460.	2.3	287
100	Improved Effectiveness of Transepithelial PTK Versus Topography-Guided Ablation for Stromal Irregularities Masked by Epithelial Compensation. Journal of Refractive Surgery, 2013, 29, 526-533.	2.3	46
101	Coaxially Sighted Corneal Light Reflex Versus Entrance Pupil Center Centration of Moderate to High Hyperopic Corneal Ablations in Eyes With Small and Large Angle Kappa. Journal of Refractive Surgery, 2013, 29, 518-525.	2.3	79
102	Femtosecond Laser-Assisted Keyhole Endokeratophakia: Correction of Hyperopia by Implantation of an Allogeneic Lenticule Obtained by SMILE From a Myopic Donor. Journal of Refractive Surgery, 2013, 29, 777-782.	2.3	146
103	Accuracy and Reproducibility of Cap Thickness in Small Incision Lenticule Extraction. Journal of Refractive Surgery, 2013, 29, 810-818.	2.3	55
104	Short term LASIK outcomes using the Technolas 217C excimer laser and Hansatome microkeratome in 46â€˜708 eyes treated between 1998 and 2001. British Journal of Ophthalmology, 2012, 96, 1173-1179.	3.9	11
105	The History of LASIK. Journal of Refractive Surgery, 2012, 28, 291-298.	2.3	35
106	Spherical Aberration from Myopic Excimer Laser Ablation for Aspheric and Non-Aspheric Profiles. Optometry and Vision Science, 2012, 89, 1211-1218.	1.2	10
107	Repeatability of intraoperative central corneal and residual stromal thickness measurement using a handheld ultrasound pachymeter. Journal of Cataract and Refractive Surgery, 2012, 38, 278-282.	1.5	9
108	Transitioning from mechanical microkeratome to femtosecond laser flap creation: Visual outcomes of an experienced and a novice LASIK surgeon. Journal of Cataract and Refractive Surgery, 2012, 38, 1788-1795.	1.5	13

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109	Accuracy of refractive outcomes in myopic and hyperopic laser in situ keratomileusis: Manifest versus aberrometric refraction. Journal of Cataract and Refractive Surgery, 2012, 38, 1989-1995.	1.5	10
110	Comparison of Residual Stromal Bed Thickness Measurement Among Very High-frequency Digital Ultrasound, Intraoperative Handheld Ultrasound, and Optical Coherence Tomography. Journal of Refractive Surgery, 2012, 28, 42-47.	2.3	9
111	Is Topography-guided Ablation Profile Centered on the Corneal Vertex Better Than Wavefront-guided Ablation Profile Centered on the Entrance Pupil?. Journal of Refractive Surgery, 2012, 28, 139-143.	2.3	37
112	Change in Epithelial Thickness Profile 24 Hours and Longitudinally for 1 Year After Myopic LASIK: Three-dimensional Display With Artemis Very High-frequency Digital Ultrasound. Journal of Refractive Surgery, 2012, 28, 195-201.	2.3	105
113	Anterior Segment Biometry: A Study and Review of Resolution and Repeatability Data. Journal of Refractive Surgery, 2012, 28, 509-527.	2.3	41
114	LASIK for Presbyopia Correction in Emmetropic Patients Using Aspheric Ablation Profiles and a Micro-monovision Protocol With the Carl Zeiss Meditec MEL 80 and VisuMax. Journal of Refractive Surgery, 2012, 28, 531-541.	2.3	63
115	Refractive and Topographic Errors in Topography-guided Ablation Produced by Epithelial Compensation Predicted by 3D Artemis VHF Digital Ultrasound Stromal and Epithelial Thickness Mapping. Journal of Refractive Surgery, 2012, 28, 657-663.	2.3	59
116	Stability of Epithelial Thickness During 5 Minutes Immersion in 33Â°C 0.9% Saline Using Very High-frequency Digital Ultrasound. Journal of Refractive Surgery, 2012, 28, 606-606.	2.3	5
117	Femtosecond Laser Technology in Corneal Refractive Surgery: A Review. Journal of Refractive Surgery, 2012, 28, 912-920.	2.3	97
118	Very High-frequency Digital Ultrasound Biomicroscopy. , 2012, , 43-62.		0
119	Standardized graphs and terms for refractive surgery results. Journal of Cataract and Refractive Surgery, 2011, 37, 1-3.	1.5	64
120	Very high-frequency digital ultrasound evaluation of topography-wavefrontâ€“guided repair after radial keratotomy. Journal of Cataract and Refractive Surgery, 2011, 37, 599-602.	1.5	10
121	November consultation #2. Journal of Cataract and Refractive Surgery, 2011, 37, 2084-2085.	1.5	0
122	Standardized Graphs and Terms for Refractive Surgery Results. Cornea, 2011, 30, 945-947.	1.7	19
123	LASIK for Myopic Astigmatism and Presbyopia Using Non-Linear Aspheric Micro-Monovision with the Carl Zeiss Meditec MEL 80 Platform. Journal of Refractive Surgery, 2011, 27, 23-37.	2.3	92
124	Epithelial Thickness Profile as a Method to Evaluate the Effectiveness of Collagen Cross-Linking Treatment After Corneal Ectasia. Journal of Refractive Surgery, 2011, 27, 356-363.	2.3	42
125	LASIK Flap Thickness Profile and Reproducibility of the Standard vs Zero Compression Hansatome Microkeratomes: Three-Dimensional Display with Artemis VHF Digital Ultrasound. Journal of Refractive Surgery, 2011, 27, 417-426.	2.3	19
126	Standardized Graphs and Terms for Refractive Surgery Results. Journal of Refractive Surgery, 2011, 27, 7-9.	2.3	69

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127	Epithelial Thickness Up to 26 Years After Radial Keratotomy: Three-dimensional Display With Artemis Very High-frequency Digital Ultrasound. Journal of Refractive Surgery, 2011, 27, 618-624.	2.3	32
128	Ocular Biomechanics: Measurement Parameters and Terminology. Journal of Refractive Surgery, 2011, 27, 396-397.	2.3	18
129	Inaccuracies in Reporting the Accuracy of Flap Creating Devices. Journal of Refractive Surgery, 2011, 27, 784-785.	2.3	1
130	Epithelial, Stromal, and Total Corneal Thickness in Keratoconus: Three-dimensional Display With Artemis Very-high Frequency Digital Ultrasound. Journal of Refractive Surgery, 2010, 26, 259-271.	2.3	252
131	Surgically induced corneal necrotizing keratitis following LASIK in a patient with inflammatory bowel disease. Journal of Cataract and Refractive Surgery, 2010, 36, 1786-1789.	1.5	20
132	Repeatability of Layered Corneal Pachymetry with the Artemis Very High-Frequency Digital Ultrasound Arc-Scanner. Journal of Refractive Surgery, 2010, 26, 646-659.	2.3	50
133	Epithelial Thickness After Hyperopic LASIK: Three-Dimensional Display with Artemis Very High-Frequency Digital Ultrasound. Journal of Refractive Surgery, 2010, 26, 555-564.	2.3	113
134	Corneal Ablation Depth Readout of the MEL 80 Excimer Laser Compared to Artemis Three-Dimensional Very High-Frequency Digital Ultrasound Stromal Measurements. Journal of Refractive Surgery, 2010, 26, 949-959.	2.3	17
135	Accuracy and Reproducibility of Artemis Central Flap Thickness and Visual Outcomes of LASIK With the Carl Zeiss Meditec VisuMax Femtosecond Laser and MEL 80 Excimer Laser Platforms. Journal of Refractive Surgery, 2010, 26, 107-119.	2.3	77
136	Corneal Epithelial Thickness Profile in the Diagnosis of Keratoconus. Journal of Refractive Surgery, 2009, 25, 604-610.	2.3	267
137	Epithelial, Stromal, and Corneal Pachymetry Changes during Orthokeratology. Optometry and Vision Science, 2009, 86, E1006-E1014.	1.2	72
138	Effect of Corneal Hydration on Ultrasound Velocity and Backscatter. Ultrasound in Medicine and Biology, 2009, 35, 839-846.	1.5	44
139	LASIK for Hyperopic Astigmatism and Presbyopia Using Micro-monovision With the Carl Zeiss Meditec MEL80 Platform. Journal of Refractive Surgery, 2009, 25, 37-58.	2.3	101
140	Correlation of Anterior Chamber Angle and Ciliary Sulcus Diameters With White-to-White Corneal Diameter in High Myopes Using Artemis VHF Digital Ultrasound. Journal of Refractive Surgery, 2009, 25, 185-194.	2.3	93
141	Epithelial Thickness Profile Changes Induced by Myopic LASIK as Measured by Artemis Very High-frequency Digital Ultrasound. Journal of Refractive Surgery, 2009, 25, 444-450.	2.3	110
142	Combined Corneal Topography and Corneal Wavefront Data in the Treatment of Corneal Irregularity and Refractive Error in LASIK or PRK Using the Carl Zeiss Meditec MEL 80 and CRS-Master. Journal of Refractive Surgery, 2009, 25, 503-515.	2.3	29
143	Stability of LASIK in Topographically Suspect Keratoconus Confirmed Non-keratoconic by Artemis VHF Digital Ultrasound Epithelial Thickness Mapping: 1-year Follow-up. Journal of Refractive Surgery, 2009, 25, 569-577.	2.3	62
144	Stromal Thickness in the Normal Cornea: Three-dimensional Display With Artemis Very High-Frequency Digital Ultrasound. Journal of Refractive Surgery, 2009, 25, 776-786.	2.3	82

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145	Graphic Reporting of Outcomes of Refractive Surgery. Journal of Refractive Surgery, 2009, 25, 975-978.	2.3	82
146	Epithelial Thickness in the Normal Cornea: Three-dimensional Display With Artemis Very High-frequency Digital Ultrasound. Journal of Refractive Surgery, 2008, 24, 571-581.	2.3	323
147	Diurnal variation of higher order aberrations in human eyes. Journal of Refractive Surgery, 2007, 23, 442-6.	2.3	1
148	Artemis very high-frequency digital ultrasound-guided repositioning of a free cap after laser in situ keratomileusis. Journal of Cataract and Refractive Surgery, 2006, 32, 1877-1883.	1.5	26
149	Combined Artemis very high-frequency digital ultrasound-assisted transepithelial phototherapeutic keratectomy and wavefront-guided treatment following multiple corneal refractive procedures. Journal of Cataract and Refractive Surgery, 2006, 32, 1870-1876.	1.5	59
150	Accuracy, repeatability, and reproducibility of Artemis very high-frequency digital ultrasound arc-scan lateral dimension measurements. Journal of Cataract and Refractive Surgery, 2006, 32, 1799-1802.	1.5	23
151	Direct residual stromal thickness measurement for assessing suitability for LASIK enhancement by Artemis 3D very high-frequency digital ultrasound arc scanning. Journal of Cataract and Refractive Surgery, 2006, 32, 1884-1888.	1.5	27
152	Accuracy of the WASCA Aberrometer Refraction Compared to Manifest Refraction in Myopia. Journal of Refractive Surgery, 2006, 22, 268-274.	2.3	31
153	Evaluating Microkeratome Efficacy by 3D Corneal Lamellar Flap Thickness Accuracy and Reproducibility Using Artemis VHF Digital Ultrasound Arc-scanning. Journal of Refractive Surgery, 2006, 22, 431-440.	2.3	35
154	Probability Model of the Inaccuracy of Residual Stromal Thickness Prediction to Reduce the Risk of Ectasia After LASIK Part I: Quantifying Individual Risk. Journal of Refractive Surgery, 2006, 22, 851-860.	2.3	55
155	Probability Model of the Inaccuracy of Residual Stromal Thickness Prediction to Reduce the Risk of Ectasia After LASIK Part II: Quantifying Population Risk. Journal of Refractive Surgery, 2006, 22, 861-870.	2.3	48
156	Valsalva-like Retinopathy Following Hyperopic Laser In Situ Keratomileusis. Ophthalmic Surgery Lasers and Imaging Retina, 2006, 37, 486-488.	0.7	12
157	Biomechanics of Corneal Refractive Surgery. Journal of Refractive Surgery, 2006, 22, 285-285.	2.3	1
158	Accuracy of the WASCA aberrometer refraction compared to manifest refraction in myopia. Journal of Refractive Surgery, 2006, 22, 268-74.	2.3	6
159	Evaluating microkeratome efficacy by 3D corneal lamellar flap thickness accuracy and reproducibility using Artemis VHF digital ultrasound arc-scanning. Journal of Refractive Surgery, 2006, 22, 431-40.	2.3	4
160	Probability model of the inaccuracy of residual stromal thickness prediction to reduce the risk of ectasia after LASIK part I: quantifying individual risk. Journal of Refractive Surgery, 2006, 22, 851-60.	2.3	10
161	Probability model of the inaccuracy of residual stromal thickness prediction to reduce the risk of ectasia after LASIK part II: quantifying population risk. Journal of Refractive Surgery, 2006, 22, 861-70.	2.3	12
162	Orbscan Global Pachymetry: Analysis of Repeated Measures. Optometry and Vision Science, 2005, 82, 1047-1053.	1.2	36

#	Article	IF	Citations
163	Conservation of corneal tissue with wavefront-guided laser in situ keratomileusis. Journal of Cataract and Refractive Surgery, 2005, 31, 1153-1158.	1.5	8
164	Phakic Intraocular Lenses. Survey of Ophthalmology, 2005, 50, 549-587.	4.0	186
165	VHF Digital Ultrasound Three-Dimensional Scanning in the Diagnosis of Myopic Regression After Corneal Refractive Surgery. Journal of Refractive Surgery, 2005, 21, 480-484.	2.3	28
166	A New Night Vision Disturbances Parameter and Contrast Sensitivity as Indicators of Success in Wavefront-guided Enhancement. Journal of Refractive Surgery, 2005, 21, .	2.3	29
167	VHF digital ultrasound three-dimensional scanning in the diagnosis of myopic regression after corneal refractive surgery. Journal of Refractive Surgery, 2005, 21, 480-4.	2.3	14
168	A new night vision disturbances parameter and contrast sensitivity as indicators of success in wavefront-guided enhancement. Journal of Refractive Surgery, 2005, 21, S535-40.	2.3	5
169	Optimized and wavefront guided corneal refractive surgery using the Carl Zeiss Meditec platform: the WASCA aberrometer, CRS-Master, and MEL80 excimer laser. Ophthalmology Clinics of North America, 2004, 17, 191-210.	1.8	20
170	Very High Frequency Ultrasound Biometry of the Anterior and Posterior Chamber Diameter. Journal of Refractive Surgery, 2004, 20, 454-464.	2.3	74
171	Very high frequency ultrasound biometry of the anterior and posterior chamber diameter. Journal of Refractive Surgery, 2004, 20, 454-64.	2.3	16
172	Epithelial and Stromal Changes Induced by Intacs Examined by Three-dimensional Very High-frequency Digital Ultrasound. Journal of Refractive Surgery, 2001, 17, 310-318.	2.3	49
173	Avoiding serious corneal complications of laser assisted in situ keratomileusis and photorefractive keratectomy. Ophthalmology, 2000, 107, 640-652.	5.2	160
174	Arc-scanning Very High-frequency Digital Ultrasound for 3D Pachymetric Mapping of the Corneal Epithelium and Stroma in Laser in situ Keratomileusis. Journal of Refractive Surgery, 2000, 16, 414-430.	2.3	184
175	Visualizing VHF ultrasound of the human cornea. IEEE Computer Graphics and Applications, 1999, 19, 74-82.	1.2	6
176	Accuracy of Orbscan total optical power maps in detecting refractive change after myopic laser in situ keratomileusis. Journal of Cataract and Refractive Surgery, 1999, 25, 1596-1599.	1.5	82
177	Very high-frequency ultrasound corneal analysis identifies anatomic correlates of optical complications of lamellar refractive surgery. Ophthalmology, 1999, 106, 474-482.	5.2	161
178	Three-dimensional ultrasound imaging. Ophthalmology, 1998, 105, 300-306.	5.2	81
179	Very High Frequency Ultrasound Analysis of a New Phakic Posterior Chamber Intraocular Lens In Situ. American Journal of Ophthalmology, 1998, 125, 725-729.	3.3	44
180	Very-High Frequency Ultrasonic Imaging and Spectral Assays of the Eye. Acoustical Imaging, 1997, , 107-112.	0.2	11

#	Article	IF	Citations
181	High frequency ultrasound evaluation of radial keratotomy incisions. Journal of Cataract and Refractive Surgery, 1995, 21, 398-401.	1.5	10
182	Corneal Pachymetric Topography. Ophthalmology, 1994, 101, 432-438.	5.2	118
183	Epithelial and Corneal Thickness Measurements by High-frequency Ultrasound Digital Signal Processing. Ophthalmology, 1994, 101, 140-146.	5.2	139
184	High-Frequency Ultrasound Corneal Pachymetry in the Assessment of Corneal Scars for Therapeutic Planning. Eye and Contact Lens, 1994, 20, 198-203.	1.6	9
185	High-frequency Ultrasound Imaging and Spectral Analysis in Traumatic Hyphema. Ophthalmology, 1993, 100, 1351-1357.	5.2	20
186	High-Frequency Ultrasound Digital Signal Processing for Biometry of the Cornea in Planning Phototherapeutic Keratectomy. JAMA Ophthalmology, 1993, 111, 430.	2.4	17
187	High-Frequency Ultrasound Measurement of the Thickness of the Corneal Epithelium. Journal of Refractive Surgery, 1993, 9, 385-387.	2.3	66
188	Psychiatric Screening of Admissions to an Accident and Emergency Ward. British Journal of Psychiatry, 1991, 158, 554-557.	2.8	20
189	VHF Digital Ultrasound Scanning in Refractive Surgery. , 0, , 76-76.		2