Dan Z Reinstein

List of Publications by Year
in descending order

189 papers	7,797 citations	41339 49 h-index	64791 79 g-index
195 all docs	195 docs citations	195 times ranked	2119 citing authors

#	Article	IF	Citations
1	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
2	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
3	Corneal Epithelial Thickness Profile in the Diagnosis of Keratoconus. Journal of Refractive Surgery, 2009, 25, 604-610.	2.3	267
4	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
5	Phakic Intraocular Lenses. Survey of Ophthalmology, 2005, 50, 549-587.	4.0	186
6	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
7	Small-incision lenticule extraction. Journal of Cataract and Refractive Surgery, 2015, 41, 652-665.	1.5	163
8	Very high-frequency ultrasound corneal analysis identifies anatomic correlates of optical complications of lamellar refractive surgery. Ophthalmology, 1999, 106, 474-482.	5.2	161
9	Avoiding serious corneal complications of laser assisted in situ keratomileusis and photorefractive keratectomy. Ophthalmology, 2000, 107, 640-652.	5.2	160
10	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
11	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
12	Epithelial and Corneal Thickness Measurements by High-frequency Ultrasound Digital Signal Processing. Ophthalmology, 1994, 101, 140-146.	5.2	139
13	JRS Standard for Reporting Astigmatism Outcomes of Refractive Surgery. Journal of Refractive Surgery, 2014, 30, 654-659.	2.3	135
14	Enhanced Tomographic Assessment to Detect Corneal Ectasia Based on Artificial Intelligence. American Journal of Ophthalmology, 2018, 195, 223-232.	3.3	130
15	Outcomes of Small Incision Lenticule Extraction (SMILE) in Low Myopia. Journal of Refractive Surgery, 2014, 30, 812-818.	2.3	123
16	Corneal Pachymetric Topography. Ophthalmology, 1994, 101, 432-438.	5.2	118
17	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
18	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

#	Article	IF	Citations
19	Epithelial Remodeling as Basis for Machine-Based Identification of Keratoconus. , 2014, 55, 1580.		109
20	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
21	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
22	Femtosecond Laser Technology in Corneal Refractive Surgery: A Review. Journal of Refractive Surgery, 2012, 28, 912-920.	2.3	97
23	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
24	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
25	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
26	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
27	Graphic Reporting of Outcomes of Refractive Surgery. Journal of Refractive Surgery, 2009, 25, 975-978.	2.3	82
28	Three-dimensional ultrasound imaging. Ophthalmology, 1998, 105, 300-306.	5.2	81
29	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
30	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
31	Very High Frequency Ultrasound Biometry of the Anterior and Posterior Chamber Diameter. Journal of Refractive Surgery, 2004, 20, 454-464.	2.3	74
32	Epithelial, Stromal, and Corneal Pachymetry Changes during Orthokeratology. Optometry and Vision Science, 2009, 86, E1006-E1014.	1.2	72
33	Standardized Graphs and Terms for Refractive Surgery Results. Journal of Refractive Surgery, 2011, 27, 7-9.	2.3	69
34	High-Frequency Ultrasound Measurement of the Thickness of the Corneal Epithelium. Journal of Refractive Surgery, 1993, 9, 385-387.	2.3	66
35	Standardized graphs and terms for refractive surgery results. Journal of Cataract and Refractive Surgery, 2011, 37, 1-3.	1.5	64
36	Standard for reporting refractive outcomes of intraocular lensâ€“based refractive surgery. Journal of Cataract and Refractive Surgery, 2017, 43, 435-439.	1.5	64

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37	Refractive surgery beyond 2020. Eye, 2021, 35, 362-382.	2.1	64
38	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
39	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
40	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
41	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
42	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
43	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
44	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
45	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
46	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
47	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
48	Accuracy and Reproducibility of Cap Thickness in Small Incision Lenticule Extraction. Journal of Refractive Surgery, 2013, 29, 810-818.	2.3	55
49	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
50	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
51	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
52	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
53	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
54	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

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55	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
56	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
57	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
58	Effect of Corneal Hydration on Ultrasound Velocity and Backscatter. Ultrasound in Medicine and Biology, 2009, 35, 839-846.	1.5	44
59	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
60	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
61	Anterior Segment Biometry: A Study and Review of Resolution and Repeatability Data. Journal of Refractive Surgery, 2012, 28, 509-527.	2.3	41
62	Relationship Between Decentration and Induced Corneal Higher-Order Aberrations Following Small-Incision Lenticule Extraction Procedure. , 2018, 59, 2316.		40
63	Standard for Reporting Refractive Outcomes of Intraocular Lensâ€“Based Refractive Surgery. Journal of Refractive Surgery, 2017, 33, 218-222.	2.3	39
64	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
65	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
66	Orbscan Global Pachymetry: Analysis of Repeated Measures. Optometry and Vision Science, 2005, 82, 1047-1053.	1.2	36
67	The History of LASIK. Journal of Refractive Surgery, 2012, 28, 291-298.	2.3	35
68	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
69	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
70	Combined Tomography and Epithelial Thickness Mapping for Diagnosis of Keratoconus. European Journal of Ophthalmology, 2017, 27, 129-134.	1.3	34
71	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
72	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

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73	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
74	Accuracy of the WASCA Aberrometer Refraction Compared to Manifest Refraction in Myopia. Journal of Refractive Surgery, 2006, 22, 268-274.	2.3	31
75	Improved lenticule shape for hyperopic femtosecond lenticule extraction (ReLExÂ® FLEx): a pilot study. Lasers in Medical Science, 2016, 31, 659-664.	2.1	30
76	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
77	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
78	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
79	Outcomes of Re-treatment by LASIK After SMILE. Journal of Refractive Surgery, 2018, 34, 578-588.	2.3	28
80	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
81	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
82	LASIK for the Correction of High Hyperopic Astigmatism With Epithelial Thickness Monitoring. Journal of Refractive Surgery, 2017, 33, 314-321.	2.3	27
83	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
84	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
85	Correction of Moderate to High Hyperopia With Implantation of an Allogeneic Refractive Lenticule. Journal of Refractive Surgery, 2020, 36, 772-779.	2.3	26
86	Corneal Epithelial Thickness Mapping After Photorefractive Keratectomy for Myopia. Journal of Refractive Surgery, 2019, 35, 632-641.	2.3	25
87	Small Incision Lenticule Extraction (SMILE) for Hyperopia: Optical Zone Centration. Journal of Refractive Surgery, 2017, 33, 150-156.	2.3	24
88	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
89	Small Incision Lenticule Extraction (SMILE) for Hyperopia: 12-Month Refractive and Visual Outcomes. Journal of Refractive Surgery, 2019, 35, 442-450.	2.3	24
90	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

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91	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
92	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
93	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
94	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
95	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
96	Outcomes for Myopic LASIK With the MEL 90 Excimer Laser. Journal of Refractive Surgery, 2015, 31, 316-321.	2.3	21
97	Psychiatric Screening of Admissions to an Accident and Emergency Ward. British Journal of Psychiatry, 1991, 158, 554-557.	2.8	20
98	High-frequency Ultrasound Imaging and Spectral Analysis in Traumatic Hyphema. Ophthalmology, 1993, 100, 1351-1357.	5.2	20
99	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
100	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
101	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
102	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
103	Standardized Graphs and Terms for Refractive Surgery Results. Cornea, 2011, 30, 945-947.	1.7	19
104	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
105	Ocular Biomechanics: Measurement Parameters and Terminology. Journal of Refractive Surgery, 2011, 27, 396-397.	2.3	18
106	Biomechanical Modeling of Femtosecond Laser Keyhole Endokeratophakia Surgery. Journal of Refractive Surgery, 2015, 31, 480-486.	2.3	18
107	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
108	High-Frequency Ultrasound Digital Signal Processing for Biometry of the Cornea in Planning Phototherapeutic Keratectomy. JAMA Ophthalmology, 1993, 111, 430.	2.4	17

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109	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
110	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
111	Small Incision Lenticule Extraction for Hyperopia: 3-Month Refractive and Visual Outcomes. Journal of Refractive Surgery, 2019, 35, 24-30.	2.3	17
112	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
113	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
114	Very high frequency ultrasound biometry of the anterior and posterior chamber diameter. Journal of Refractive Surgery, 2004, 20, 454-64.	2.3	16
115	Refractive Lenticule Transplantation for Correction of Iatrogenic Hyperopia and High Astigmatism After LASIK. Journal of Refractive Surgery, 2016, 32, 780-786.	2.3	15
116	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
117	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
118	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
119	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
120	Repair of Irregularly Irregular Astigmatism by Transepithelial Phototherapeutic Keratectomy. Journal of Refractive Surgery, 2017, 33, 714-719.	2.3	13
121	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
122	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
123	Outcomes for Hyperopic LASIK With the MEL 90 ^{Â®} Excimer Laser. Journal of Refractive Surgery, 2018, 34, 799-808.	2.3	12
124	Valsalva-like Retinopathy Following Hyperopic Laser In Situ Keratomileusis. Ophthalmic Surgery Lasers and Imaging Retina, 2006, 37, 486-488.	0.7	12
125	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
126	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

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127	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
128	Very-High Frequency Ultrasonic Imaging and Spectral Assays of the Eye. Acoustical Imaging, 1997, , 107-112.	0.2	11
129	Variation of Lenticule Thickness for SMILE in Low Myopia. Journal of Refractive Surgery, 2018, 34, 453-459.	2.3	11
130	High frequency ultrasound evaluation of radial keratotomy incisions. Journal of Cataract and Refractive Surgery, 1995, 21, 398-401.	1.5	10
131	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
132	Spherical Aberration from Myopic Excimer Laser Ablation for Aspheric and Non-Aspheric Profiles. Optometry and Vision Science, 2012, 89, 1211-1218.	1.2	10
133	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
134	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
135	Outcomes for Mixed Cylinder LASIK With the MEL 90 ^{Â®} Excimer Laser. Journal of Refractive Surgery, 2018, 34, 672-680.	2.3	10
136	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
137	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
138	Femtosecond Lenticule Extraction (FLEx) for Spherocylindrical Hyperopia Using New Profiles. Journal of Refractive Surgery, 2018, 34, 6-10.	2.3	10
139	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
140	Small Incision Lenticule Extraction (SMILE) for the Correction of High Myopia With Astigmatism. Journal of Refractive Surgery, 2022, 38, 262-271.	2.3	10
141	Epithelial thickness mapping for corneal refractive surgery. Current Opinion in Ophthalmology, 2022, 33, .	2.9	10
142	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
143	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
144	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

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145	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
146	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
147	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
148	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
149	Conservation of corneal tissue with wavefront-guided laser in situ keratomileusis. Journal of Cataract and Refractive Surgery, 2005, 31, 1153-1158.	1.5	8
150	Therapeutic Refractive Surgery. Journal of Refractive Surgery, 2015, 31, 6-8.	2.3	8
151	LASIK-Induced Aberrations. Optometry and Vision Science, 2015, 92, 447-455.	1.2	7
152	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
153	Objective and Subjective Quality of Vision After SMILE for High Myopia and Astigmatism. Journal of Refractive Surgery, 2022, 38, 404-413.	2.3	7
154	Visualizing VHF ultrasound of the human cornea. IEEE Computer Graphics and Applications, 1999, 19, 74-82.	1.2	6
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156	Accuracy of the WASCA aberrometer refraction compared to manifest refraction in myopia. Journal of Refractive Surgery, 2006, 22, 268-74.	2.3	6
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