

Excimer Laser Surgery of the Cornea

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Ultraviolet Laser Ablation of Organic Polymer Films. Springer Series in Chemical Physics, 1984, , 343-354.	0.2	75
2	Far-ultraviolet laser ablation of atherosclerotic lesions. Lasers in Surgery and Medicine, 1984, 4, 201-206.	1.1	149
3	Finding Your Way in the Photoforest: Laser Effects for Clinicians. Ophthalmology, 1984, 91, 886-888.	2.5	18
4	Laser therapy for eye disorders. Postgraduate Medicine, 1984, 76, 51-56.	0.9	13
5	Der Excimerlaser â€” ein nÃ¼tzliches Werkzeug?. Physik Journal, 1985, 41, 199-203.	0.1	10
6	Comparison of the effects of argon fluoride (ArF) and krypton fluoride (KrF) excimer lasers on ocular structures. International Ophthalmology, 1985, 8, 199-209.	0.6	9
7	Excimer laser projection micromachined free-standing polymer films. Optics and Lasers in Engineering, 1985, 6, 67-77.	2.0	14
8	Corneal incisions produced with the fourth harmonic (266 nm) of the YAG laser. Lasers in Surgery and Medicine, 1985, 5, 371-375.	1.1	11
9	Ultraviolet-Laser Ablation. Archives of Dermatology, 1985, 121, 599.	1.7	23
10	Ultraviolet-Laser Ablation of Skin. Archives of Dermatology, 1985, 121, 609.	1.7	76
11	Quantitation of Corneal Ablation by Ultraviolet Laser Light. JAMA Ophthalmology, 1985, 103, 1741-1742.	2.6	118
12	The excimer laser: Gross, light microscopic and ultrastructural analysis of potential advantages for use in laser therapy of cardiovascular disease. Journal of the American College of Cardiology, 1985, 6, 1102-1109.	1.2	196
13	Excimer Laser Ablation of the Cornea and Lens. Ophthalmology, 1985, 92, 741-748.	2.5	298
14	An Ultrastructural Study of Corneal Incisions Induced by an Excimer Laser at 193 nm. Ophthalmology, 1985, 92, 749-758.	2.5	290
15	Excimer Laser Radial Keratotomy. Ophthalmology, 1985, 92, 206-208.	2.5	80
16	Endoexcimer Laser Intraocular Ablative Photodecomposition. American Journal of Ophthalmology, 1985, 99, 483-484.	1.7	38
17	Laser ablation of organic polymers: Microscopic models for photochemical and thermal processes. Journal of Applied Physics, 1985, 57, 2909-2914.	1.1	223
18	Excimer Laser Therapy for Experimental Candida Keratitis. American Journal of Ophthalmology, 1985, 99, 534-538.	1.7	58

#	ARTICLE	IF	CITATIONS
19	Keratorefractive Surgery with the Excimer Laser. American Journal of Ophthalmology, 1985, 100, 741-742.	1.7	18
20	Evolution of Laser Technology in Ophthalmology. American Journal of Ophthalmology, 1985, 99, 480-481.	1.7	2
21	Reduction of laser-induced pathologic tissue injury using pulsed energy delivery. American Journal of Cardiology, 1985, 56, 662-667.	0.7	132
22	Use of pulsed energy delivery to minimize tissue injury resulting from carbon dioxide laser irradiation of cardiovascular tissues. Journal of the American College of Cardiology, 1986, 7, 898-908.	1.2	106
23	Excimer laser surgery of the cornea: Qualitative and quantitative aspects of photoablation according to the energy density. Journal of Cataract and Refractive Surgery, 1986, 12, 27-33.	0.7	40
24	Preliminary Report on Corneal Incisions Created by a Hydrogen Fluoride Laser. American Journal of Ophthalmology, 1986, 102, 217-221.	1.7	56
25	MEDICAL APPLICATIONS OF THE EXCIMER LASER. Lancet, The, 1986, 328, 82-83.	6.3	1
27	Laser interactions with the cornea. Survey of Ophthalmology, 1986, 31, 37-53.	1.7	93
28	Excimer laser angioplasty: Quantitative comparison in vitro of three ultraviolet wavelengths on tissue ablation and haemolysis. Lasers in Medical Science, 1986, 1, 91-100.	1.0	37
29	A comparative study of corneal incisions induced by diamond and steel knives and two ultraviolet radiations from an excimer laser.. British Journal of Ophthalmology, 1986, 70, 482-501.	2.1	127
30	Ablation of polymers and biological tissue by ultraviolet lasers. Science, 1986, 234, 559-565.	6.0	571
31	Deuterium Pellet Injection into Plasmas of the Fontenay-aux-Roses Tokamak TFR: Photographic and Spectroscopic Measurements of the Ablation Zone. Europhysics Letters, 1986, 2, 267-273.	0.7	24
32	Excimer Laser Ablation of the Lens. JAMA Ophthalmology, 1986, 104, 1825-1829.	2.6	55
33	Effects of XeCl Excimer Laser on the Eyelid and Anterior Segment Structures. JAMA Ophthalmology, 1986, 104, 118-122.	2.6	16
34	Corneal Endothelial Injury in Rabbits Following Excimer Laser Ablation at 193 and 248 nm. JAMA Ophthalmology, 1986, 104, 1364-1368.	2.6	83
35	High-Speed Photography of Excimer Laser Ablation of the Cornea. JAMA Ophthalmology, 1987, 105, 1255-1259.	2.6	110
37	<title>Autokeratomileusis Laser</title>. Proceedings of SPIE, 1987, , .	0.8	0
38	Mutagenic Potential of a 193-nm Excimer Laser on Fibroblasts in Tissue Culture. Ophthalmology, 1987, 94, 125-129.	2.5	41

#	ARTICLE	IF	CITATIONS
39	Optical fiber transmission of high power excimer laser radiation. <i>Applied Optics</i> , 1987, 26, 4185.	2.1	29
40	Excimer Laser Processing of Metals. <i>Jom</i> , 1987, 39, 14-17.	0.9	11
41	Dynamics of the Ultraviolet Laser Ablation of Corneal Tissue. <i>American Journal of Ophthalmology</i> , 1987, 103, 470-471.	1.7	30
42	An Ophthalmic Excimer Laser for Corneal Surgery. <i>American Journal of Ophthalmology</i> , 1987, 103, 472-473.	1.7	19
43	Noncontact Trephination of the Cornea Using a Pulsed Hydrogen Fluoride Laser. <i>American Journal of Ophthalmology</i> , 1987, 104, 471-475.	1.7	22
44	Corneal Wound Healing after Excimer Laser Keratotomy in a Human Eye. <i>American Journal of Ophthalmology</i> , 1987, 103, 454-464.	1.7	54
45	The role of pulse length in limiting distant damage to vascular tissue caused by the Nd-YAG laser. <i>Lasers in Medical Science</i> , 1987, 2, 175-181.	1.0	15
46	Effects of an erbium:YAG laser on ocular structures. <i>International Ophthalmology</i> , 1987, 10, 245-253.	0.6	67
47	Ultraviolet laser ablation of skin: Healing studies and a thermal model. <i>Lasers in Surgery and Medicine</i> , 1987, 6, 504-513.	1.1	41
48	Far-ultraviolet laser ablation of the cornea: Photoacoustic studies. <i>Lasers in Surgery and Medicine</i> , 1987, 6, 514-519.	1.1	77
49	Quantitative and ultrastructural studies of excimer laser ablation of the cornea at 193 and 248 nanometers. <i>Lasers in Surgery and Medicine</i> , 1987, 7, 155-159.	1.1	96
50	Ultraviolet Excimer Laser Ablation: The Effect of Wavelength and Repetition Rate on In Vivo Guinea Pig Skin. <i>Journal of Investigative Dermatology</i> , 1987, 88, 769-773.	0.3	23
51	Laser ablation parameters of atherosclerotic arteries. <i>Nuovo Cimento Della Societa Italiana Di Fisica D - Condensed Matter, Atomic, Molecular and Chemical Physics, Biophysics</i> , 1988, 10, 1511-1517.	0.4	2
52	Side effects in excimer corneal surgery. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 1988, 226, 273-276.	1.0	51
53	Side effects in excimer corneal surgery. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 1988, 226, 277-280.	1.0	103
54	Excimer Laser Keratectomy for Correction of Astigmatism. <i>American Journal of Ophthalmology</i> , 1988, 105, 117-124.	1.7	120
55	Mass spectroscopic analysis of excimer laser ablated material from human corneal tissue. <i>Journal of Cataract and Refractive Surgery</i> , 1988, 14, 638-641.	0.7	13
56	Infrared Laser Surgery of the Cornea. <i>Ophthalmology</i> , 1988, 95, 1434-1441.	2.5	66

#	ARTICLE	IF	CITATIONS
57	Excimer Laser Trephination in Penetrating Keratoplasty. <i>Ophthalmology</i> , 1988, 95, 493-505.	2.5	44
58	An, Acute Light and Electron Microscopic Study of Ultraviolet 193-nm Excimer Laser Corneal Incisions. <i>Ophthalmology</i> , 1988, 95, 1422-1433.	2.5	44
59	Photorefractive keratectomy: A technique for laser refractive surgery. <i>Journal of Cataract and Refractive Surgery</i> , 1988, 14, 46-52.	0.7	672
60	Wound healing following excimer laser radial keratotomy. <i>Journal of Cataract and Refractive Surgery</i> , 1988, 14, 173-179.	0.7	21
61	Laser Applications in Biomedicine. Part I: Biophysics, Cell Biology, and Biostimulation. <i>Journal of Laser Applications</i> , 1988, 1, 34-39.	0.8	12
62	Excimer Laser Keratectomy for Myopia With a Rotating-Slit Delivery System. <i>JAMA Ophthalmology</i> , 1988, 106, 245-250.	2.6	41
64	Excimer Laser Instrumentation and Technique for Human Corneal Surgery. <i>JAMA Ophthalmology</i> , 1989, 107, 131.	2.6	70
65	Corneal Healing Following Laser Refractive Keratectomy. <i>JAMA Ophthalmology</i> , 1989, 107, 1799.	2.6	118
66	Ultrafast imaging of 0.532- μm laser ablation of polymers: Time evolution of surface damage and blast wave generation. <i>Journal of Applied Physics</i> , 1989, 65, 4548-4563.	1.1	66
67	Transmission of 308 nm Excimer Laser Radiation for Ophthalmic Microsurgery – Medical, Technical and Safety Aspects - $\ddot{\text{A}}\text{bertragung gepulster 308 nm Excimer-Laser-Strahlung f\ddot{u}r mikrochirurgische Anwendungen in der Augenheilkunde - medizinische, technische und Sicherheitsaspekte.$ <i>Biomedizinische Technik</i> , 1989, 34, 131-138.	0.9	5
68	Corneal Ablation by Nanosecond, Picosecond, and Femtosecond Lasers at 532 and 625 nm. <i>JAMA Ophthalmology</i> , 1989, 107, 587.	2.6	185
69	Assessment of corneal wound repair in vitro. <i>Current Eye Research</i> , 1989, 8, 713-719.	0.7	10
71	Application of 308 nm excimer laser radiation for ocular surgery – Safety considerations. <i>Lasers in Medical Science</i> , 1989, 4, 129-138.	1.0	0
72	INDUCTION OF LAMBDA PROPHAGE NEAR THE SITE OF FOCUSED UV LASER RADIATION. <i>Photochemistry and Photobiology</i> , 1989, 49, 161-167.	1.3	10
73	Ablation of bone and polymethylmethacrylate by an XeCl (308 nm) excimer laser. <i>Lasers in Surgery and Medicine</i> , 1989, 9, 141-147.	1.1	53
74	Laser dentistry: A new application of excimer laser in root canal therapy. <i>Lasers in Surgery and Medicine</i> , 1989, 9, 352-357.	1.1	74
75	Cytotoxicity and mutagenicity of excimer laser radiation. <i>Lasers in Surgery and Medicine</i> , 1989, 9, 440-445.	1.1	120
76	Effect of excimer laser radiant exposure on uniformity of ablated corneal surface. <i>Lasers in Surgery and Medicine</i> , 1989, 9, 533-542.	1.1	58

#	ARTICLE	IF	CITATIONS
77	Experimental photoablation of meniscus cartilage by excimer laser energy. Archives of Orthopaedic and Traumatic Surgery Archiv F¼r OrthopÄdische Und Unfall-Chirurgie, 1989, 108, 44-48.	0.1	32
78	Photoablation by UV and visible laser radiation of native and doped biological tissue. Applied Physics B, Photophysics and Laser Chemistry, 1989, 49, 463-467.	1.5	24
79	Fibronectin on excimer laser and diamond knife incisions. Journal of Cataract and Refractive Surgery, 1989, 15, 404-408.	0.7	10
80	Evolution of excimer laser corneal surgery. Journal of Cataract and Refractive Surgery, 1989, 15, 373-383.	0.7	63
81	Scanning slit delivery system. Journal of Cataract and Refractive Surgery, 1989, 15, 390-396.	0.7	21
82	Potential use of lasers for penetrating keratoplasty. Journal of Cataract and Refractive Surgery, 1989, 15, 397-403.	0.7	19
83	Excimer laser ablation of the human lens at 308 nm with a fiber delivery system. Journal of Cataract and Refractive Surgery, 1989, 15, 409-414.	0.7	17
84	Experimental corneal studies with the excimer laser. Journal of Cataract and Refractive Surgery, 1989, 15, 384-389.	0.7	22
85	Excimer Laser-Processed Donor Corneal Lenticules for Lamellar Keratoplasty. American Journal of Ophthalmology, 1989, 107, 47-51.	1.7	31
86	Raman shifting of Nd:YAG laser radiation in methane: an efficient method to generate 3-¼m radiation for medical uses. Applied Optics, 1989, 28, 135.	2.1	16
87	Erbium-YAG Laser Surgery on Experimental Vitreous Membranes. JAMA Ophthalmology, 1989, 107, 424.	2.6	73
88	Corneal Ablation in Rabbits Using an Infrared (2.9-¼m) Erbium:YAG Laser. Ophthalmology, 1989, 96, 1160-1170.	2.5	60
89	Human Excimer Laser Lamellar Keratectomy. Ophthalmology, 1989, 96, 654-664.	2.5	164
90	Laser-tissue interactions. Zeitschrift Fur Elektrotechnik Und Elektrochemie, 1989, 93, 265-269.	0.9	5
91	DNA damage and altered gene expression in cultured human skin fibroblasts exposed to 193-nm excimer laser radiation. , 1990, 1202, 281.		0
92	DNA Damage in Cultured Human Skin Fibroblasts Exposed to Excimer Laser Radiation. Journal of Investigative Dermatology, 1990, 96, 898-902.	0.3	15
93	Fragmentation of biliary stones with a 308 nm excimer laser. Lasers in Surgery and Medicine, 1990, 10, 284-290.	1.1	14
95	A Comparison of En Face and Tangential Wide-Area Excimer Surface Ablation in the Rabbit. JAMA Ophthalmology, 1990, 108, 876.	2.6	4

#	ARTICLE	IF	CITATIONS
96	One-Year Refractive Results of Central Photorefractive Keratectomy for Myopia in the Nonhuman Primate Cornea. JAMA Ophthalmology, 1990, 108, 40.	2.6	120
97	Wound Healing After Excimer Laser Keratomileusis (Photorefractive Keratectomy) in Monkeys. JAMA Ophthalmology, 1990, 108, 665.	2.6	675
98	Immunofluorescence Study of Corneal Wound Healing After Excimer Laser Anterior Keratectomy in the Monkey Eye. JAMA Ophthalmology, 1990, 108, 1316.	2.6	123
99	Healing of Excimer Laser Ablated Monkey Corneas. JAMA Ophthalmology, 1990, 108, 1604.	2.6	177
100	A Refractive and Histopathologic Study of Excimer Laser Keratectomy in Primates. American Journal of Ophthalmology, 1990, 109, 419-429.	1.7	146
101	Quantitative measurement of the ablation rate of poly(methyl methacrylate) with 193-nm excimer laser radiation. Journal of Applied Physics, 1990, 68, 377-379.	1.1	20
102	Is There a Future for the Excimer-Laser in Refractive Corneal Surgery?. European Journal of Implant and Refractive Surgery, 1990, 2, 135-140.	0.4	1
103	Controlled lens formation with unapertured excimer lasers: use with organic polymers and corneal tissues. Applied Optics, 1990, 29, 5380.	2.1	20
104	Optically coupled technique for photorefractive surgery of the cornea. Optics Letters, 1990, 15, 458.	1.7	3
105	Central Photorefractive Keratectomy for Myopia. Ophthalmology, 1991, 98, 1327-1337.	2.5	225
106	Pulsed laser ablation of biological tissue: Review of the mechanisms. Lecture Notes in Physics, 1991, , 112-122.	0.3	15
107	Biliary Calculi Fragmentation by a 308 nm Excimer Laser: A Preliminary Study. Photomedicine and Laser Surgery, 1991, 9, 139-141.	1.1	6
108	Clinical Use of the 193-nm Excimer Laser in the Treatment of Corneal Scars. JAMA Ophthalmology, 1991, 109, 491.	2.6	169
109	<title>Axial and transverse displacement tolerances during excimer laser surgery for myopia</title>. , 1991, 1423, 140.		6
110	PHOTOKERATITIS FROM 193 nm ARGON-FLUORIDE LASER RADIATION. Photochemistry and Photobiology, 1991, 53, 739-744.	1.3	25
111	Laser-induced photoacoustic injury of skin: Effect of inertial confinement. Lasers in Surgery and Medicine, 1991, 11, 62-68.	1.1	48
112	Excimer laser corneal ablation: Absence of a significant "incubation" effect. Lasers in Surgery and Medicine, 1991, 11, 411-418.	1.1	20
113	Micron-resolution ranging of cornea anterior chamber by optical reflectometry. Lasers in Surgery and Medicine, 1991, 11, 419-425.	1.1	144

#	ARTICLE	IF	CITATIONS
114	Technique for cellular microsurgery using the 193-nm excimer laser. <i>Lasers in Surgery and Medicine</i> , 1991, 11, 580-586.	1.1	73
115	Long-term effect of erbium-YAG laser (2.9 μ m) on the primate cornea. <i>International Ophthalmology</i> , 1991, 15, 249-58.	0.6	15
116	Excimer laser treatment of corneal surface pathology: a laboratory and clinical study.. <i>British Journal of Ophthalmology</i> , 1991, 75, 258-269.	2.1	111
117	Corneal Wound Healing After 193-nm Excimer Laser Keratectomy. <i>JAMA Ophthalmology</i> , 1991, 109, 1426.	2.6	158
118	A Comparative Study of Masking Fluids for Excimer Laser Phototherapeutic Keratectomy. <i>JAMA Ophthalmology</i> , 1991, 109, 860.	2.6	89
119	Surface Ultrastructure After Excimer Laser Ablation. <i>JAMA Ophthalmology</i> , 1991, 109, 1531.	2.6	18
120	The Use of the 193-nm Excimer Laser for Myopic Photorefractive Keratectomy in Sighted Eyes. <i>JAMA Ophthalmology</i> , 1991, 109, 1525.	2.6	181
121	<title>Corneal refractive surgery using an ultraviolet (213 nm) solid state laser</title>. , 1991, , .		3
122	Modulation of Corneal Wound Healing After Excimer Laser Keratomileusis Using Topical Mitomycin C and Steroids. <i>JAMA Ophthalmology</i> , 1991, 109, 1141.	2.6	198
123	In vivo assessment of vascular pathology resulting from laser irradiation. Analysis of 23 patients studied by directional atherectomy immediately after laser angioplasty.. <i>Circulation</i> , 1992, 85, 2185-2196.	1.6	39
124	<title>308-nm excimer laser in endodontics</title>. , 1992, , .		0
125	Tangential Corneal Surface Ablation With 193- and 308-nm Excimer and 2936-nm Erbium-YAG Laser Irradiation. <i>JAMA Ophthalmology</i> , 1992, 110, 533.	2.6	9
128	Corneal Wound Healing in Monkeys After Repeated Excimer Laser Photorefractive Keratectomy. <i>JAMA Ophthalmology</i> , 1992, 110, 1286.	2.6	133
129	<title>Photorefractive keratectomy at 193 nm using an erodible mask</title>. , 1992, , .		19
130	New Technologies and Future Applications of Surgical Lasers: The Right Tool for the Right Job. <i>Surgical Clinics of North America</i> , 1992, 72, 705-742.	0.5	25
131	Surgical correction of nearsightedness.. <i>BMJ: British Medical Journal</i> , 1992, 305, 813-817.	2.4	7
132	Excimer Laser Intrastromal Keratomileusis. <i>American Journal of Ophthalmology</i> , 1992, 113, 291-295.	1.7	151
133	Argon fluoride excimer laser ablation of cornea. , 1992, , .		3

#	ARTICLE	IF	CITATIONS
134	<title>Elliptical ablations for the correction of compound myopic astigmatism by photoablation with apertures</title>. , 1992, 1644, 32.		4
135	Laser micromanipulation in the mouse embryo: a novel approach to zona drilling. Fertility and Sterility, 1992, 57, 1337-1341.	0.5	51
136	In Situ Collagen Gel Mold as an Aid in Excimer Laser Superficial Keratectomy. Ophthalmology, 1992, 99, 1201-1208.	2.5	19
137	Clinical Follow-up of 193-nm ArF Excimer Laser Photokeratectomy. Ophthalmology, 1992, 99, 805-812.	2.5	125
138	Superficial Juvenile Granular Dystrophy. Ophthalmology, 1992, 99, 95-102.	2.5	23
139	Medical application of robotics and mechatronics. , 0, , .		1
140	Excimer laser intrastromal keratomileusis: Case reports. Journal of Cataract and Refractive Surgery, 1992, 18, 37-41.	0.7	31
141	Combined myopia and astigmatism surgery Review of 350 cases. Journal of Cataract and Refractive Surgery, 1992, 18, 370-374.	0.7	9
142	Changes in Gene Expression by 193- and 248-nm Excimer Laser Radiation in Cultured Human Fibroblasts. Radiation Research, 1992, 131, 325.	0.7	16
143	Measurement of ocular local wavefront distortion with a spatially resolved refractometer. Applied Optics, 1992, 31, 3678.	2.1	116
144	Lamellar excimer laser keratoplasty: Reproducible photoablation of corneal tissue. Documenta Ophthalmologica, 1992, 82, 193-200.	1.0	23
145	Expression of tenascin and fibronectin in the rabbit cornea after excimer laser surgery. Graefe's Archive for Clinical and Experimental Ophthalmology, 1992, 230, 178-183.	1.0	41
146	Optical fibre delivery and tissue ablation studies using a pulsed hydrogen fluoride laser. Lasers in Medical Science, 1992, 7, 331-340.	1.0	7
147	Ablation of poly(2-hydroxyethyl methacrylate) by 193-nm excimer laser radiation. Journal of Applied Polymer Science, 1992, 44, 1355-1363.	1.3	9
148	Mid-Infrared laser ablation of the cornea: A comparative study. Lasers in Surgery and Medicine, 1992, 12, 274-281.	1.1	61
149	Improved excimer laser photorefractive keratectomy system. Lasers in Surgery and Medicine, 1993, 13, 189-196.	1.1	6
150	Transmission of corneal collagen during arf excimer laser ablation. Lasers in Surgery and Medicine, 1993, 13, 204-210.	1.1	28
151	Studies of laser-induced cavitation and tissue ablation in saline using a fibre-delivered pulsed HF laser. Applied Physics B, Photophysics and Laser Chemistry, 1993, 56, 84-93.	1.5	28

#	ARTICLE	IF	CITATIONS
152	Surface Properties of Polyethylene Terephthalate Films Modified by Far UV Radiation at 193 nm. <i>Physica Status Solidi A</i> , 1993, 135, 589-596.	1.7	1
153	Effect of contact diode laser on the cornea with and without absorbing dye. <i>International Ophthalmology</i> , 1993, 17, 89-93.	0.6	1
154	Infrared laser soft tissue ablation versus ultraviolet excimer laser. <i>Oral Surgery, Oral Medicine, and Oral Pathology</i> , 1993, 76, 425-432.	0.6	4
155	The effect of the ArF excimer laser on <i>Candida albicans</i> in vitro. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 1993, 231, 413-415.	1.0	8
156	Dynamic optical properties of collagen-based tissue during ArF excimer laser ablation. <i>Applied Optics</i> , 1993, 32, 488.	2.1	22
157	Photorefractive Keratectomy or Keratomileusis with Excimer Laser in Surgical Correction of Severe Myopia: Which Technique is Better?. <i>European Journal of Implant and Refractive Surgery</i> , 1993, 5, 183-186.	0.4	10
158	A Prototype Erodible Mask Delivery System for the Excimer Laser. <i>Ophthalmology</i> , 1993, 100, 542-549.	2.5	48
159	Ultraviolet Solid-state Laser (213-nm) Photorefractive Keratectomy. <i>Ophthalmology</i> , 1993, 100, 1828-1834.	2.5	36
160	Excimer Photorefractive Keratectomy for Myopia. <i>Ophthalmology</i> , 1993, 100, 1335-1345.	2.5	96
161	Excimer laser photorefractive keratectomy with tapered transition zone for high myopia. <i>Journal of Cataract and Refractive Surgery</i> , 1993, 19, 590-594.	0.7	40
162	Excimer laser ablation of conjunctival epithelial melanosis. <i>Journal of Cataract and Refractive Surgery</i> , 1993, 19, 309-311.	0.7	2
163	Photorefractive keratectomy. <i>Australasian journal of optometry, The</i> , 1993, 76, 33-50.	0.6	5
164	High-Frequency Ultrasound Quantitative Analyses of Corneal Scarring Following Excimer Laser Keratectomy. <i>JAMA Ophthalmology</i> , 1993, 111, 968.	2.6	47
165	Excimer laser photorefractive keratectomy for myopia: 12 month follow-up. <i>Eye</i> , 1993, 7, 617-624.	1.1	49
166	Physical problems of excimer laser cornea ablation. <i>Optical Engineering</i> , 1993, 32, 2481.	0.5	15
167	Excimer Laser Keratectomy After Radial Keratotomy. <i>American Journal of Ophthalmology</i> , 1993, 115, 634-639.	1.7	6
170	The Corneal Endothelium After Myopic Excimer Laser Photorefractive Keratectomy. <i>JAMA Ophthalmology</i> , 1994, 112, 920.	2.6	51
171	One-Year Results of Excimer Laser Photorefractive Keratectomy for Low to Moderate Myopia. <i>JAMA Ophthalmology</i> , 1994, 112, 1427.	2.6	110

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172	The Socioeconomic Aspects of Laser Refractive Surgery. JAMA Ophthalmology, 1994, 112, 1526.	2.6	105
173	Phototherapeutic Keratectomy in Recurrent Corneal Intraepithelial Dysplasia. JAMA Ophthalmology, 1994, 112, 22.	2.6	18
174	Excimer Laser Ablation Rate and Corneal Hydration. American Journal of Ophthalmology, 1994, 118, 169-176.	1.7	186
175	Ultraviolet and laser radiation safety. Physics in Medicine and Biology, 1994, 39, 1765-1799.	1.6	32
176	Femtosecond-pulse laser ablation of human corneas. Applied Physics A: Solids and Surfaces, 1994, 58, 513-518.	1.4	64
177	308 nm Excimer laser ablation of cartilage. Lasers in Surgery and Medicine, 1994, 15, 263-268.	1.1	13
178	Six-month results of the Multicenter Phase I Study of Excimer Laser Myopic Keratomileusis. Journal of Cataract and Refractive Surgery, 1994, 20, 610-615.	0.7	59
179	Treatment of myopic astigmatism with the 193 nm excimer laser utilizing aperture elements. Journal of Cataract and Refractive Surgery, 1994, 20, 258-261.	0.7	28
180	Excimer laser photorefractive keratectomy for myopia: Two-year follow-up. Journal of Cataract and Refractive Surgery, 1994, 20, 229-233.	0.7	24
181	Photorefractive keratectomy to treat low, medium, and high myopia: A multicenter study. Journal of Cataract and Refractive Surgery, 1994, 20, 234-238.	0.7	46
182	Use of the 193 nm excimer laser for photorefractive keratectomy in low to moderate myopia. Journal of Cataract and Refractive Surgery, 1994, 20, 239-242.	0.7	12
183	Results of photorefractive keratectomy on 63 myopic eyes with six months minimum follow-up. Journal of Cataract and Refractive Surgery, 1994, 20, 223-228.	0.7	15
184	An in vivo study of the effect of excimer laser irradiation on degenerate rabbit articular cartilage. Arthroscopy - Journal of Arthroscopic and Related Surgery, 1994, 10, 78-84.	1.3	25
185	Ultrasound biomicroscopic assessment of the cornea following excimer laser photokeratectomy. Journal of Cataract and Refractive Surgery, 1994, 20, 206-211.	0.7	17
187	Use of the Excimer Laser in Refractive Surgery. Seminars in Ophthalmology, 1994, 9, 91-96.	0.8	3
188	Results One Year After Using the 193-nm Excimer Laser for Photorefractive Keratectomy in Mild to Moderate Myopia. American Journal of Ophthalmology, 1994, 118, 304-311.	1.7	66
189	Photorefractive Keratectomy for the Correction of Myopia and Astigmatism. American Journal of Ophthalmology, 1994, 117, 369-380.	1.7	11
190	Medical and surgical applications of FELs. , 0, , .		1

#	ARTICLE	IF	CITATIONS
192	The Effect of Globe Fixation on Ablation Zone Centration in Photorefractive Keratectomy. American Journal of Ophthalmology, 1995, 119, 612-619.	1.7	40
193	Three month follow-up of changes in the rabbit cornea after photoablation with a pulsed scanning beam at 213 nm. , 1995, , .		1
194	Dynamics of ablation plume particles generated during excimer laser corneal ablation. Lasers in Surgery and Medicine, 1995, 16, 384-389.	1.1	36
195	Lasers in ophthalmology. Lasers in Surgery and Medicine, 1995, 17, 102-159.	1.1	81
196	Antioxidants reduce corneal light scattering after excimer keratectomy in rabbits. Lasers in Surgery and Medicine, 1995, 17, 160-165.	1.1	27
197	The excimer laser and phototherapeutic keratectomy. Clinical Eye and Vision Care, 1995, 7, 103-106.	0.1	0
198	Ablative etching of nitrocellulose with infra-red and ultra-violet laser radiation. Optics and Laser Technology, 1995, 27, 185-189.	2.2	2
199	Phototherapeutic keratectomy for bullous keratopathy.. British Journal of Ophthalmology, 1995, 79, 335-338.	2.1	47
200	Expression of cellular fibronectin and tenascin in the rabbit cornea after excimer laser photorefractive keratectomy: a 12 month study.. British Journal of Ophthalmology, 1995, 79, 65-69.	2.1	49
201	Experimental Globe Rupture After Excimer Laser Photorefractive Keratectomy. JAMA Ophthalmology, 1995, 113, 1056.	2.6	29
202	One-Year Evaluation of Excimer Laser Photorefractive Keratectomy for Myopia and Myopic Astigmatism. JAMA Ophthalmology, 1995, 113, 994.	2.6	68
203	Excimer laser ablation of the cornea. Optical Engineering, 1995, 34, 661.	0.5	30
204	Laser refractive surgery: a review and current status. Optical Engineering, 1995, 34, 642.	0.5	28
205	Contact lens fitting after photorefractive keratectomy: a comparison of two groups of patients. Ophthalmic and Physiological Optics, 1995, 15, 371-374.	1.0	8
206	Treatment of myopia with the excimer laser?is it really the bottom line?. Ophthalmic and Physiological Optics, 1995, 15, S2-S10.	1.0	0
207	Expression of collagens I, III, IV and V mRNA in excimer wounded rat cornea: analysis by semi-quantitative PCR. Current Eye Research, 1995, 14, 879-886.	0.7	32
208	Effect of Diclofenac on Corneal Haze after Photorefractive Keratectomy in Rabbits. Ophthalmology, 1995, 102, 469-474.	2.5	40
209	Corneal Topography using a New MoirÃ© Image-based System. European Journal of Implant and Refractive Surgery, 1995, 7, 353-370.	0.4	9

#	ARTICLE	IF	CITATIONS
210	Corneal Endothelial Status 12 to 55 Months after Excimer Laser Photorefractive Keratectomy. <i>Ophthalmology</i> , 1995, 102, 544-549.	2.5	47
211	Band Keratopathy and Excimer Laser Phototherapeutic Keratectomy. <i>European Journal of Implant and Refractive Surgery</i> , 1995, 7, 260-265.	0.4	4
212	Myopic keratomileusis in situ combined with VISX 20/20 photorefractive keratectomy. <i>Journal of Cataract and Refractive Surgery</i> , 1995, 21, 508-511.	0.7	23
213	Increased release of immunoreactive calcitonin gene-related peptide (CGRP) in tears after excimer laser keratectomy. <i>Experimental Eye Research</i> , 1995, 60, 659-665.	1.2	40
214	Excimer laser photorefractive keratectomy. <i>Survey of Ophthalmology</i> , 1995, 40, 89-118.	1.7	254
215	Excimer laser photorefractive keratectomy for myopia: Six-month follow-up. <i>Journal of Cataract and Refractive Surgery</i> , 1995, 21, 150-155.	0.7	9
216	Excimer laser photorefractive keratectomy for high myopia. <i>Journal of Cataract and Refractive Surgery</i> , 1995, 21, 393-397.	0.7	35
217	Clinical results of excimer laser photorefractive keratectomy: A multicenter study of 265 eyes. <i>Journal of Cataract and Refractive Surgery</i> , 1995, 21, 644-652.	0.7	33
218	Refractive Outcome and Corneal Topographic Studies after Photorefractive Keratectomy with Different-sized Ablation Zones. <i>Ophthalmology</i> , 1996, 103, 1130-1138.	2.5	33
219	Corneal epithelial permeability after excimer laser photorefractive keratectomy. <i>Journal of Cataract and Refractive Surgery</i> , 1996, 22, 44-50.	0.7	9
220	Schirmer test values and the outcome of photorefractive keratectomy. <i>Journal of Cataract and Refractive Surgery</i> , 1996, 22, 702-708.	0.7	8
221	Objective Measurement of Corneal Light Scattering after Excimer Laser Keratectomy. <i>Ophthalmology</i> , 1996, 103, 439-443.	2.5	90
222	Keratomileusis update. <i>Journal of Cataract and Refractive Surgery</i> , 1996, 22, 620-623.	0.7	17
223	Excimer laser photorefractive keratectomy for extreme myopia. <i>Journal of Cataract and Refractive Surgery</i> , 1996, 22, 910-914.	0.7	16
224	Excimer Laser Phototherapeutic Keratectomy. <i>Ophthalmology</i> , 1996, 103, 1210-1222.	2.5	51
225	Characteristics Influencing Outcomes of Excimer Laser Photorefractive Keratectomy. <i>Ophthalmology</i> , 1996, 103, 1962-1969.	2.5	44
226	Excimer laser photorefractive keratectomy to correct astigmatism. <i>Journal of Cataract and Refractive Surgery</i> , 1996, 22, 557-563.	0.7	28
227	Enlargement of the photorefractive keratectomy optical zone. <i>Journal of Cataract and Refractive Surgery</i> , 1996, 22, 1159-1164.	0.7	18

#	ARTICLE	IF	CITATIONS
228	A Prospective Multicenter Trial of Excimer Laser Phototherapeutic Keratectomy for Corneal Vision Los. American Journal of Ophthalmology, 1996, 122, 149-160.	1.7	68
229	Post photorefractive keratectomy contact lensfitting. Journal of the British Contact Lens Association, 1996, 19, 55-57.	0.2	0
230	Excimer photorefractive keratectomy for low myopia and astigmatism with the Coherent-Schwind Keratom. Journal of Cataract and Refractive Surgery, 1996, 22, 1052-1061.	0.7	5
231	Laser-Tissue Interactions. , 1996, , .		180
232	<title>High-accuracy corneal topographer</title>. , 1996, , .		0
233	<title>Latest result of PRK with excimer laser</title>. , 1996, , .		0
234	Excimer Laser Technology: Key Concepts for the Ophthalmologist. Seminars in Ophthalmology, 1996, 11, 212-223.	0.8	2
235	Therapeutic Uses of the Excimer Laser Photorefractive Keratectomy. Seminars in Ophthalmology, 1996, 11, 269-275.	0.8	1
236	Photorefractive Keratectomy Technique and Postoperative Management. Seminars in Ophthalmology, 1996, 11, 224-234.	0.8	0
237	Results of Photorefractive Keratectomy in High Myopia and Hyperopia. Seminars in Ophthalmology, 1996, 11, 239-246.	0.8	0
238	Thermal effects in excimer laser trephination of the cornea. Graefe's Archive for Clinical and Experimental Ophthalmology, 1996, 234, S142-S148.	1.0	21
239	Endogenous hyaluronan in the anterior segment of the eye. Progress in Retinal and Eye Research, 1996, 15, 281-296.	7.3	6
240	The excimer laser for corneal refractive surgeryâ€™ recent developments and evolutionary directions. Australasian journal of optometry, The, 1996, 79, 4-11.	0.6	1
241	Electron paramagnetic resonance spectroscopy of free radicals in corneal tissue following excimer laser irradiation. , 1996, 18, 367-372.		14
242	Study of corneal ablation with picosecond laser pulses at 211 nm and 263 nm. , 1996, 18, 373-380.		13
243	Excimer laser-induced electrochemical activity in carbon ink films. Journal of Electroanalytical Chemistry, 1996, 417, 5-15.	1.9	35
244	Effect of ablation profile on wound healing and visual performance 1 year after excimer laser photorefractive keratectomy.. British Journal of Ophthalmology, 1996, 80, 224-234.	2.1	44
245	Contact lens fitting after photorefractive keratectomy.. British Journal of Ophthalmology, 1996, 80, 597-603.	2.1	15

#	ARTICLE	IF	CITATIONS
246	Visual Performance After Photorefractive Keratectomy. JAMA Ophthalmology, 1996, 114, 1465.	2.6	139
247	Effect of Diclofenac, Ketorolac, and Fluorometholone on Arachidonic Acid Metabolites Following Excimer Laser Corneal Surgery. JAMA Ophthalmology, 1996, 114, 1495.	2.6	25
248	Excimer laser photorefractive keratectomy for patients with contact lens intolerance caused by dry eye.. British Journal of Ophthalmology, 1996, 80, 604-609.	2.1	26
249	Changes in Descemet Membrane and Endothelium After Corneal Epithelial Abrasion Alone and With Photorefractive Keratectomy in Rabbits. JAMA Ophthalmology, 1996, 114, 1105.	2.6	4
250	Arf 193nm excimer laser corneal surgery and photo-oxidative stress in aqueous humor and lens of rabbit: one-month follow-up. Current Eye Research, 1996, 15, 355-361.	0.7	12
251	Basic and Clinical Applications of Vision Science. Documenta Ophthalmologica Proceedings Series, 1997, , .	0.0	14
252	<title>Cultured human cornea healing process after free-electron-laser ablation</title>. , 1997, 2971, 83.		0
253	Real-time confocal microscopic observations on human corneal nerves and wound healing after excimer laser photorefractive keratectomy. Current Eye Research, 1997, 16, 640-649.	0.7	112
254	Release of TGF- β 1 and VEGF in tears following photorefractive keratectomy. Current Eye Research, 1997, 16, 19-25.	0.7	111
255	Five year results of photorefractive keratectomy for myopia. Journal of Cataract and Refractive Surgery, 1997, 23, 731-735.	0.7	51
256	Excimer Laser Photorefractive Keratectomy for High Myopia. Ophthalmology, 1997, 104, 1554-1565.	2.5	23
257	PMMA Model of Steep Central Islands Induced by Excimer Laser Photorefractive Keratectomy. Survey of Ophthalmology, 1997, 42, S35-S51.	1.7	14
258	Results of Phase III Excimer Laser Photorefractive Keratectomy for Myopia. Ophthalmology, 1997, 104, 1535-1553.	2.5	148
259	Photorefractive Keratectomy and Cataract. Survey of Ophthalmology, 1997, 42, S133-S140.	1.7	6
260	Excimer laser photorefractive keratectomy in pediatric patients. Journal of Cataract and Refractive Surgery, 1997, 23, 736-739.	0.7	66
261	For How Long Can Regression Continue after Photorefractive Keratectomy for Myopia?. Ophthalmology, 1997, 104, 1948-1951.	2.5	15
262	The Efficacy of Cooling on Excimer Laser Photorefractive Keratectomy in the Rabbit Eye. Survey of Ophthalmology, 1997, 42, S82-S88.	1.7	22
263	Influence of Ablation Plume Dynamics on the Formation of Central Islands in Excimer Laser Photorefractive Keratectomy. Ophthalmology, 1997, 104, 823-830.	2.5	56

#	ARTICLE	IF	CITATIONS
264	LASERS IN HEALTHCARE: FOCUS ON CORNEAL REFRACTIVE SURGERY. Optics and Photonics News, 1997, 8, 18.	0.4	0
265	Phototherapeutic Keratectomy. AORN Journal, 1997, 66, 242-252.	0.2	2
266	Three years of biomedical FEL use in medicine and surgery How far have we come?. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1997, 393, 540-543.	0.7	5
267	Intraocular measurements of pressure transients induced by excimer laser ablation of the cornea. , 1997, 20, 416-425.		9
268	Ablation rate of PMMA and human cornea with a frequency-quintupled Nd:YAG laser (213 nm). , 1997, 21, 179-185.		14
269	Free-Electron Laser (FEL) Ablation of Ocular Tissues. Lasers in Medical Science, 1998, 13, 219-226.	1.0	9
271	Towards the laser photochemistry of the cornea: studies of the most common and highly absorbing aliphatic amino acids in collagen. Journal of Photochemistry and Photobiology B: Biology, 1998, 47, 63-67.	1.7	18
272	Regeneration of epithelial defects in corneas previously treated with excimer laser, A study of cell kinetics in the rat corneal epithelium. Acta Ophthalmologica, 1998, 76, 442-446.	0.4	0
273	Retreatment for significant regression after excimer laser photorefractive keratectomy. Ophthalmology, 1998, 105, 131-141.	2.5	41
274	Photorefractive keratectomy. Ophthalmology, 1998, 105, 273-281.	2.5	72
275	Photorefractive keratectomy versus laser in situ keratomileusis for moderate to high myopia. Ophthalmology, 1998, 105, 1512-1523.	2.5	207
276	I. Radial Keratotomy Will Always Have a Place.. Survey of Ophthalmology, 1998, 43, 147-156.	1.7	16
277	II. PRK and LASIK Are the Treatments of Choice.. Survey of Ophthalmology, 1998, 43, 157-179.	1.7	48
278	Treatment of topographic central islands following refractive surgery. Journal of Cataract and Refractive Surgery, 1998, 24, 464-470.	0.7	27
279	Laser in situ keratomileusis for hyperopia. Journal of Cataract and Refractive Surgery, 1998, 24, 42-47.	0.7	110
280	Laser in situ keratomileusis for myopia and myopic astigmatism. Journal of Cataract and Refractive Surgery, 1998, 24, 175-182.	0.7	40
281	Corneal sensation after cataract and refractive surgery. Journal of Cataract and Refractive Surgery, 1998, 24, 1399-1409.	0.7	96
282	Laser in situ keratomileusis: Literature review of a developing technique. Journal of Cataract and Refractive Surgery, 1998, 24, 989-1006.	0.7	250

#	ARTICLE	IF	CITATIONS
283	Custom photorefractive keratectomy ablations for the correction of spherical and cylindrical refractive error and higher-order aberration. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 1998, 15, 2572.	0.8	46
284	Complications of photorefractive keratectomy for myopia: Two year follow-up of 3000 cases. Journal of Cataract and Refractive Surgery, 1998, 24, 619-626.	0.7	115
285	Corneal light scattering with stromal reformation after laser in situ keratomileusis and photorefractive keratectomy. Journal of Cataract and Refractive Surgery, 1998, 24, 1064-1069.	0.7	44
286	<title>Optimal laser parameters for intrastromal corneal surgery</title>. , 1998, , .		11
288	Temperature measurements by thermal radiation during ArF excimer laser ablation with gelatin gel. , 0, , .		0
289	Title is missing!. Ophthalmology Clinics of North America, 1998, 11, 243-255.	1.8	4
290	Application of Excimer Laser Ablation to Biomaterials:Surface Structures of Ablated Rabbit Cornea and Collagen Film.. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 1998, 11, 333-340.	0.1	3
291	Human cornea wound healing in organ culture after Er:YAG laser ablation. , 1998, , .		2
292	Six-month follow-up of laser in-situ keratomileusis for myopia. Medical Journal of Indonesia, 0, 8, 240.	0.2	0
293	Excimer laser ablation of microstructures: A numerical model. Journal of Applied Physics, 1999, 86, 6538-6546.	1.1	38
294	Changes in Extracellular Matrix Components After Excimer Laser Photoablation in Rat Cornea. Japanese Journal of Ophthalmology, 1999, 43, 348-354.	0.9	7
295	Comparison of objective and subjective refraction before and after laser in situ keratomileusis. Journal of Cataract and Refractive Surgery, 1999, 25, 827-835.	0.7	33
296	Initial results of photorefractive keratectomy and laser in situ keratomileusis performed by a single surgeon. Journal of Cataract and Refractive Surgery, 1999, 25, 1048-1055.	0.7	12
297	Using a Nidek excimer laser with a rotary epithelial brush and corneal chilling: clinical results. Journal of Cataract and Refractive Surgery, 1999, 25, 1321-1326.	0.7	14
298	Cooling effect on excimer laser photorefractive keratectomy. Journal of Cataract and Refractive Surgery, 1999, 25, 1349-1355.	0.7	47
299	Effect of resection velocity and suction ring on corneal flap formation in laser in situ keratomileusis. Journal of Cataract and Refractive Surgery, 1999, 25, 1448-1455.	0.7	39
300	Photorefractive keratectomy for residual myopia after cataract surgery. Journal of Cataract and Refractive Surgery, 1999, 25, 1456-1460.	0.7	33
301	Comparison of mechanical and transepithelial debridement during photorefractive keratectomy. Ophthalmology, 1999, 106, 483-489.	2.5	49

#	ARTICLE	IF	CITATIONS
302	Photorefractive keratectomy retreatments Comparison of two methods of excimer laser epithelium removal. Ophthalmology, 1999, 106, 1469-1480.	2.5	8
303	Comparison of photorefractive keratectomy with excimer laser in situ keratomileusis in correcting low myopia (from ~ 2.00 to ~ 5.50 diopters). Ophthalmology, 1999, 106, 411-421.	2.5	107
304	Visual performance after photorefractive keratectomy with a 6-mm ablation zone. American Journal of Ophthalmology, 1999, 128, 1-7.	1.7	35
305	OCULAR SURGERY IN THE TWENTY-FIRST CENTURY. Ophthalmology Clinics of North America, 1999, 12, 601-627.	1.8	0
306	OPHTHALMIC LASERS FOR THE NEXT MILLENNIUM. Ophthalmology Clinics of North America, 1999, 12, 629-650.	1.8	0
307	REFRACTIVE SURGERY IN THE NEW MILLENNIUM. Ophthalmology Clinics of North America, 1999, 12, 507-518.	1.8	0
308	Advances in Refractive Surgery. Cornea, 2000, 19, 741-753.	0.9	25
309	LASIK Complications. International Ophthalmology Clinics, 2000, 40, 67-75.	0.3	28
310	Laser removal of contaminants from painted surfaces. Journal of Cultural Heritage, 2000, 1, S173-S180.	1.5	31
311	Change in central corneal thickness following laser in situ keratomileusis for myopia. Clinical and Experimental Ophthalmology, 2000, 28, 185-187.	1.3	12
313	Thermal load of laser aperture masks in nonmechanical trephination for penetrating keratoplasty with the Er:YAG laser: comparison between stainless steel and ceramic masks. Graefe's Archive for Clinical and Experimental Ophthalmology, 2000, 238, 339-345.	1.0	8
314	Nanosecond Time-Gated Spectroscopy of Laser-Ablation Plume of Human Hair to Detect Calcium for Potential Diagnoses. Optical Review, 2000, 7, 353-357.	1.2	9
315	Photorefractive keratectomy for moderate myopia with the VISX and Summit excimer lasers: a retrospective study. Arquivos Brasileiros De Oftalmologia, 2000, 63, 197.	0.2	0
316	Surgical correction of refractive errors. Journal of the Royal Society of Medicine, 2000, 93, 118-123.	1.1	9
317	Atomic Force Microscopic Study of the Human Cornea Following Excimer Laser Keratectomy. Experimental Eye Research, 2000, 70, 363-368.	1.2	18
318	Late traumatic dislocation of laser in situ keratomileusis corneal flaps. Ophthalmology, 2000, 107, 2136-2139.	2.5	99
319	Use of lasers in ophthalmic surgery. IEEE Journal of Selected Topics in Quantum Electronics, 2000, 6, 1116-1121.	1.9	4
320	Surgical results of photorefractive keratectomy with different operative modes. Journal of Cataract and Refractive Surgery, 2000, 26, 879-886.	0.7	3

#	ARTICLE	IF	CITATIONS
321	Choroidal neovascularization in myopic eyes after photorefractive keratectomy. Journal of Cataract and Refractive Surgery, 2000, 26, 1492-1495.	0.7	14
322	Photorefractive keratectomy using a scanning-slit laser, rotary epithelial brush, and chilled balanced salt solution. Journal of Cataract and Refractive Surgery, 2000, 26, 1596-1604.	0.7	18
323	Multifocal phototherapeutic keratectomy for the treatment of persistent epithelial defect. Journal of Cataract and Refractive Surgery, 2000, 26, 1753-1757.	0.7	11
324	Retinal detachment in myopic eyes after photorefractive keratectomy. Journal of Cataract and Refractive Surgery, 2000, 26, 340-344.	0.7	12
325	Effect of corneal thickness on the accuracy of intraocular pressure measurement in rabbits after excimer laser photoablation. Journal of Cataract and Refractive Surgery, 2000, 26, 736-743.	0.7	9
326	Laser Eye Injuries. Survey of Ophthalmology, 2000, 44, 459-478.	1.7	235
327	Comparison of tear secretion and tear film instability after photorefractive keratectomy and laser in situ keratomileusis. Journal of Cataract and Refractive Surgery, 2000, 26, 1326-1331.	0.7	140
328	Laser in situ keratomileusis for treatment of residual myopia after photorefractive keratectomy. American Journal of Ophthalmology, 2001, 132, 196-203.	1.7	11
329	Valacyclovir for the prevention of recurrent herpes simplex virus eye disease after excimer laser photokeratectomy. American Journal of Ophthalmology, 2001, 131, 686.	1.7	9
330	Correction of irregular astigmatism with excimer laser assisted by sodium hyaluronate. Ophthalmology, 2001, 108, 1246-1260.	2.5	61
331	Effects of laser in situ keratomileusis on tear production, clearance, and the ocular surface. Ophthalmology, 2001, 108, 1230-1235.	2.5	258
332	Reduction in corneal haze and apoptosis by amniotic membrane matrix in excimer laser photoablation in rabbits. Journal of Cataract and Refractive Surgery, 2001, 27, 310-319.	0.7	107
333	Erbium:YAG laser emulsification of the cataractous lens. Journal of Cataract and Refractive Surgery, 2001, 27, 1025-1032.	0.7	16
334	Comparison of laser epithelial keratomileusis and photorefractive keratectomy for low to moderate myopia. Journal of Cataract and Refractive Surgery, 2001, 27, 565-570.	0.7	191
335	Refractive changes after excimer laser phototherapeutic keratectomy. Journal of Cataract and Refractive Surgery, 2001, 27, 686-692.	0.7	84
336	LASIK Complications. Survey of Ophthalmology, 2001, 46, 95-116.	1.7	309
337	Isolation of human fetal cones. Current Eye Research, 2001, 22, 85-89.	0.7	7
338	Excimer Laser Refractive Surgery.. The Review of Laser Engineering, 2001, 29, 427-432.	0.0	1

#	ARTICLE	IF	CITATIONS
339	Short-term Impact of Corticosteroids on Hyaluronan and Epithelial Hyperplasia in the Rabbit Cornea After Photorefractive Keratectomy. <i>Cornea</i> , 2001, 20, 321-324.	0.9	8
340	Thermal Consequences of Photorefractive Keratectomy. <i>Cornea</i> , 2001, 20, 509-515.	0.9	49
341	Absorption of 193- and 213-nm Laser Wavelengths in Sodium Chloride Solution and Balanced Salt Solution. <i>JAMA Ophthalmology</i> , 2001, 119, 533.	2.6	32
343	Simple organ cornea culture model for re-epithelialization after in vitro excimer laser ablation. <i>Lasers in Surgery and Medicine</i> , 2001, 29, 288-292.	1.1	7
344	Artificial Cornea: Towards a Synthetic Onlay for Correction of Refractive Error. <i>Bioscience Reports</i> , 2001, 21, 513-536.	1.1	10
345	Laser Refractive Surgery: Technological Advance and Tissue Response. <i>Bioscience Reports</i> , 2001, 21, 491-512.	1.1	7
346	Myopic intrastromal photorefractive keratectomy with Nd: YLF picosecond laser in human eyes: Microscopic and ultrastructural results. <i>Annals of Ophthalmology</i> , 2001, 33, 330-334.	0.0	0
348	Comparison of Two Procedures Photorefractive Keratectomy Versus Laser In Situ Keratomileusis for Low to Moderate Myopia. <i>Japanese Journal of Ophthalmology</i> , 2001, 45, 487-491.	0.9	29
349	Mitomycin C Reduces Corneal Light Scattering After Excimer Keratectomy. <i>Cornea</i> , 2001, 20, 45-49.	0.9	47
350	Intact corneal epithelium is essential for the prevention of stromal haze after laser assisted in situ keratomileusis. <i>British Journal of Ophthalmology</i> , 2001, 85, 209-213.	2.1	96
351	Real-Time Pachymetry During Photorefractive Keratectomy Using Optical Low-Coherence Reflectometry. <i>Journal of Biomedical Optics</i> , 2001, 6, 412.	1.4	11
352	<i>Laser Ophthalmology</i> , 2002, , 59-89.		2
353	<i>Laser-Tissue Interactions</i> , 2002, , .		71
354	Hyperopic laser in situ keratomileusis for refractive accommodative esotropia. <i>Journal of Cataract and Refractive Surgery</i> , 2002, 28, 1522-1529.	0.7	33
355	Laser-assisted subepithelial keratectomy for low to high myopia and astigmatism. <i>Journal of Cataract and Refractive Surgery</i> , 2002, 28, 1334-1342.	0.7	88
356	Epi-LASEK for the correction of myopia and myopic astigmatism. <i>Journal of Cataract and Refractive Surgery</i> , 2002, 28, 1343-1347.	0.7	63
357	Laser Subepithelial Keratomileusis for Low to Moderate Myopia 6-Month Follow-up. <i>Japanese Journal of Ophthalmology</i> , 2002, 46, 299-304.	0.9	28
358	Electron microscopic and immunohistochemical examination of scarred human cornea re-treated by excimer laser. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2002, 240, 271-278.	1.0	9

#	ARTICLE	IF	CITATIONS
359	The effect of excimer laser keratectomy on corneal glutathione peroxidase activities and aqueous humor selenium levels in rabbits. Graefe's Archive for Clinical and Experimental Ophthalmology, 2002, 240, 499-502.	1.0	12
360	High Precision Cell Surgery with Nanoparticles?. Medical Laser Application: International Journal for Laser Treatment and Research, 2002, 17, 9-14.	0.4	21
361	Endoscopically controlled erbium:YAG goniopuncture versus trabeculectomy: effect on intraocular pressure in combination with cataract surgery. , 2003, 241, 94-100.		19
362	Excimer laser "corneal shaping": a new technique for customized trephination in penetrating keratoplasty. , 2003, 241, 423-431.		6
364	Simulation of airbag impact on eyes after photorefractive keratectomy by finite element analysis method. Graefe's Archive for Clinical and Experimental Ophthalmology, 2003, 241, 497-504.	1.0	31
365	Effect of linoleic acid and $\hat{1}^3$ -linolenic acid on tear production, tear clearance and on the ocular surface after photorefractive keratectomy. Graefe's Archive for Clinical and Experimental Ophthalmology, 2003, 241, 561-566.	1.0	25
366	In vivo confocal microscopy for evaluation of wound healing following corneal refractive surgery. Progress in Retinal and Eye Research, 2003, 22, 339-358.	7.3	97
367	A new index to measure the accuracy of refractive operations. Acta Ophthalmologica, 2003, 81, 336-342.	0.4	1
368	Mechanisms of Pulsed Laser Ablation of Biological Tissues. Chemical Reviews, 2003, 103, 577-644.	23.0	1,669
369	Inactivation of proteins by irradiation of gold nanoparticles with nano- and picosecond laser pulses. , 2003, , .		26
370	Evaluation of corneal flap dimensions and cut quality using the SKBM automated microkeratome. Journal of Cataract and Refractive Surgery, 2003, 29, 825-831.	0.7	13
371	Combined endoscopic erbium:YAG laser goniopuncture and cataract surgery. Journal of Cataract and Refractive Surgery, 2003, 29, 2155-2162.	0.7	16
372	Laser-assisted subepithelial keratectomy enhancement of residual myopia after primary myopic LASEK: Six-month results in 10 eyes. Journal of Cataract and Refractive Surgery, 2003, 29, 1260-1266.	0.7	15
373	Group IIA phospholipase A2 content in tears of patients having photorefractive keratectomy. Journal of Cataract and Refractive Surgery, 2003, 29, 2163-2167.	0.7	12
374	LASIK vs LASEK vs PRK: Advantages and indications. Seminars in Ophthalmology, 2003, 18, 2-10.	0.8	168
375	Lasers in ophthalmology: Past, present and future. Journal of Modern Optics, 2003, 50, 2351-2360.	0.6	3
376	Long-Term Corneal Morphology after PRK by In Vivo Confocal Microscopy. , 2003, 44, 1064.		80
377	Laser Applications in Ophthalmology. , 2003, , 299-315.		0

#	ARTICLE	IF	CITATIONS
379	Wavefront technology for vision and ophthalmology. , 2003, 4996, 250.		1
380	First in-vivo studies of presbyopia treatment with ultrashort laser pulses. , 2003, , .		6
381	Interaction Between Injured Corneal Epithelial Cells and Stromal Cells. Cornea, 2003, 22, S35-S47.	0.9	34
382	Aberrant Corneal Nerve Regeneration after PRK. Cornea, 2003, 22, 684-686.	0.9	18
383	Corneal ablation rate at 266 nm. , 2003, 4951, 77.		2
384	Activation of Matrix Metalloproteinase-8 by Membrane Type 1-MMP and Their Expression in Human Tears after Photorefractive Keratectomy. , 2003, 44, 2550.		82
385	Optimal signal propagation speed of a Josephson transmission line. Superconductor Science and Technology, 2004, 17, 819-822.	1.8	4
387	Experimental evaluation of online optical coherence pachymetry for corneal refractive surgery. Graefe's Archive for Clinical and Experimental Ophthalmology, 2004, 242, 24-30.	1.0	18
389	A new paradigm for corneal wound healing research: The white leghorn chicken (Gallus gallus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 422	0.7	39
390	A long-term study of photorefractive keratectomy. Ophthalmology, 2004, 111, 1813-1824.	2.5	71
391	Confocal microscopy evaluation of stromal ablation depth after myopic laser in situ keratomileusis and photorefractive keratectomy. Journal of Cataract and Refractive Surgery, 2004, 30, 321-325.	0.7	18
392	Laser in situ keratomileusis versus laser-assisted subepithelial keratectomy for the correction of high myopia. Journal of Cataract and Refractive Surgery, 2004, 30, 1405-1411.	0.7	42
393	Decreased keratocyte death after laser-assisted subepithelial keratectomy and photorefractive keratectomy in rabbits. Journal of Cataract and Refractive Surgery, 2004, 30, 1998-2004.	0.7	17
394	Phototherapeutic keratectomy in children: 5-year results. Journal of Cataract and Refractive Surgery, 2004, 30, 1909-1916.	0.7	19
396	A long-term study of photorefractive keratectomy*112-year follow-up. Ophthalmology, 2004, 111, 1813-1824.	2.5	108
397	Theory concerning the ablation of corneal tissue with large-area, 193-nm excimer laser beams. , 2005, , .		1
398	Investigation of retinal damage during refractive eye surgery. , 2005, , .		4
399	Pirenoxine prevents oxidative effects of argon fluoride excimer laser irradiation in rabbit corneas: biochemical, histological and cytofluorimetric evaluations. Journal of Photochemistry and Photobiology B: Biology, 2005, 78, 35-42.	1.7	9

#	ARTICLE	IF	CITATIONS
400	Nanoprocessing with nanojoule near-infrared femtosecond laser pulses. Medical Laser Application: International Journal for Laser Treatment and Research, 2005, 20, 169-184.	0.4	22
401	Surface foaming of collagen, chitosan and other biopolymer films by KrF excimer laser ablation in the photomechanical regime. Applied Physics A: Materials Science and Processing, 2005, 81, 465-470.	1.1	78
402	In-situ Observation of Tissue Laser Ablation Using Optical Coherence Tomography. Optical and Quantum Electronics, 2005, 37, 1175-1183.	1.5	18
403	Laser-Induced Damage In The Limits Of Ultrashort Pulses And Short Wavelengths. AIP Conference Proceedings, 2005, , .	0.3	0
404	Some aspects of wave aberrations of the human eye and supervision: A review. Technology and Health Care, 2005, 13, 23-56.	0.5	1
406	Evolution of Laser Material Processing. , 2005, , 12-40.		3
408	Histologic, Ultrastructural, and Immunofluorescent Evaluation of Human Laser-Assisted In Situ Keratomileusis Corneal Wounds. JAMA Ophthalmology, 2005, 123, 741.	2.6	95
409	Excimer laser photorefractive keratectomy for hyperopia: 7.5-year follow-up. Journal of Cataract and Refractive Surgery, 2005, 31, 1104-1113.	0.7	41
410	Scattered laser radiation and broadband actinic ultraviolet plasma emissions during LADARVision excimer refractive surgery. Journal of Cataract and Refractive Surgery, 2005, 31, 1506-1511.	0.7	6
411	Photorefractive keratectomy and laser in situ keratomileusis in refractive accommodative esotropia. Journal of Cataract and Refractive Surgery, 2005, 31, 1899-1903.	0.7	28
412	First safety study of femtosecond laser photodisruption in animal lenses: Tissue morphology and cataractogenesis. Journal of Cataract and Refractive Surgery, 2005, 31, 2386-2394.	0.7	70
413	Comparative study of 2 anesthesia techniques for pediatric refractive surgery. Journal of Cataract and Refractive Surgery, 2005, 31, 2345-2349.	0.7	13
414	5-year follow-up of LASIK for hyperopia. Ophthalmology, 2005, 112, 191-199.	2.5	109
415	Long-term histopathologic findings in human corneal wounds after refractive surgical procedures. American Journal of Ophthalmology, 2005, 139, 168-178.	1.7	111
416	Historical Review of Excimer Laser Development. , 2005, , 8-21.		2
417	Medical Applications of Excimer Lasers. , 2005, , 361-371.		0
418	Investigation of possible fs-LASIK induced retinal damage. , 2006, 6138, 344.		4
419	Laser eye surgery for refractive errors. Lancet, The, 2006, 367, 1432-1447.	6.3	157

#	ARTICLE	IF	CITATIONS
420	Corneal Keratocyte Deficits After Photorefractive Keratectomy and Laser In Situ Keratomileusis. American Journal of Ophthalmology, 2006, 141, 799-809.e1.	1.7	93
421	Optics of conductive keratoplasty: Implications for presbyopia management. American Journal of Ophthalmology, 2006, 142, 366-367.	1.7	9
422	Surgical Correction of Hyperopia. Survey of Ophthalmology, 2006, 51, 381-418.	1.7	18
423	The influence of KrF excimer laser irradiation on the surface of collagen and collagen/PVP films. International Journal of Photoenergy, 2006, 2006, 1-7.	1.4	10
424	LC-ESI-MSD fast determination of residual mitomycin C in hen aqueous humour after corneal refractive surgery. Journal of Pharmaceutical and Biomedical Analysis, 2006, 40, 100-104.	1.4	13
426	Cell delivery in regenerative medicine: The cell sheet engineering approach. Journal of Controlled Release, 2006, 116, 193-203.	4.8	197
427	Quantitative Analysis of Chondroitin Sulfate in Tear Fluids following Laser in situ Keratomileusis. Ophthalmic Research, 2006, 38, 274-279.	1.0	3
429	Theory concerning the ablation of corneal tissue with large-area, 193-nm excimer laser beams. Journal of Biomedical Optics, 2006, 11, 064032.	1.4	11
430	Transplantation of Tissue-Engineered Epithelial Cell Sheets after Excimer Laser Photoablation Reduces Postoperative Corneal Haze. , 2006, 47, 552.		51
431	Versatile optical manipulation system for inspection, laser processing, and isolation of individual living cells. Review of Scientific Instruments, 2006, 77, 063116.	0.6	18
432	Update on customized wavefront-guided versus wavefront-optimized excimer laser ablation: next steps in the quest for perfect vision. Expert Review of Ophthalmology, 2007, 2, 379-384.	0.3	0
433	Complementary Techniques. , 2007, 593, 54-65.		46
434	Thermoelasticity of CaO from first principles. Chinese Physics B, 2007, 16, 499-505.	1.3	14
435	The 100 Most Frequently Cited Articles in Ophthalmology Journals. JAMA Ophthalmology, 2007, 125, 952.	2.6	91
436	Photorefractive Keratectomy. Techniques in Ophthalmology, 2007, 5, 97-101.	0.1	0
437	Endothelial cell density after photorefractive keratectomy for moderate myopia using a 213 nm solid-state laser system. Journal of Cataract and Refractive Surgery, 2007, 33, 1866-1870.	0.7	14
438	Laser in situ keratomileusis versus surface ablation: Visual outcomes and complications. Journal of Cataract and Refractive Surgery, 2007, 33, 2041-2048.	0.7	104
439	Laser-Tissue Interactions. Biological and Medical Physics Series, 2007, , .	0.3	235

#	ARTICLE	IF	CITATIONS
440	Microarray Technology and Cancer Gene Profiling. , 2007, , .		6
441	Accuracy of Surgeon-Selected Ablation Center in Active Eye-Tracker-Assisted Advanced Surface Ablation-Photorefractive Keratectomy (ASA-PRK). Journal of Korean Ophthalmological Society, 2007, 48, 1177.	0.0	0
442	Histologic effect of semiconductor diode laser transscleral cyclophotocoagulation on the normal equine eye. Veterinary Ophthalmology, 2007, 10, 84-92.	0.6	20
443	Possible retina damage potential of the femtosecond laser in situ keratomileusis (fs-LASIK) refractive surgery. Medical Laser Application: International Journal for Laser Treatment and Research, 2008, 23, 39-45.	0.4	8
444	Corneal ablation with new 193 nm solid-state laser. Journal of Cataract and Refractive Surgery, 2008, 34, 1019-1023.	0.7	3
445	Photorefractive Keratectomy Using Solid State Laser 213 nm and Excimer Laser 193 nm: A Randomized, Contralateral, Comparative, Experimental Study. , 2008, 49, 1415.		23
446	Pipe Shape Solution of Faddeev Model. Communications in Theoretical Physics, 2008, 49, 428-430.	1.1	0
447	Review of experimental results in high-energy physics reported at recent conferences. Physics-Uspexhi, 2008, 51, 831-837.	0.8	0
448	Laser Fabrication and Machining of Materials. , 2008, , .		6
449	Advances in technologies for laser-assisted <i>in situ</i> keratomileusis (LASIK) surgery. Expert Review of Medical Devices, 2008, 5, 209-229.	1.4	32
450	Comparison of Short Term Clinical Results Between LASEK and Epi-LASIK. Journal of Korean Ophthalmological Society, 2008, 49, 409.	0.0	0
451	Comparative Analysis of the Tear Protein Expression After Photorefractive Keratectomy Using Two-Dimensional Electrophoresis. Journal of Korean Ophthalmological Society, 2009, 50, 762.	0.0	1
453	Confocal Microscopic Changes in the Cornea 10 Years After Photorefractive Keratectomy. Journal of Korean Ophthalmological Society, 2009, 50, 303.	0.0	0
454	General aspects of laser therapy. , 2009, , 436-438.		0
455	Littlest Higgs model with T -parity and single top production in ep collisions. Chinese Physics C, 2009, 33, 89-93.	1.5	1
456	Excimer laser refractive keratectomy for high myopia 6-month follow-up of patients treated bilaterally. Acta Ophthalmologica, 1992, 70, 578-586.	0.6	30
457	Transconjunctival sinusotomy using the 193-nm excimer laser. Acta Ophthalmologica, 1994, 72, 707-711.	0.6	3
458	Treatment of corneal dystrophies with excimer laser. Acta Ophthalmologica, 1994, 72, 235-240.	0.6	47

#	ARTICLE	IF	CITATIONS
459	The effect of 193 nm excimer laser radiation on the human corneal endothelial cell density. <i>Acta Ophthalmologica</i> , 1996, 74, 224-227.	0.4	8
460	Comparison of different excimer laser ablation frequencies (50, 200, and 500ÅHz). <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2009, 247, 1539-1545.	1.0	17
461	The corneal endothelium 12 months after photorefractive keratectomy in high myopia. <i>Acta Ophthalmologica</i> , 1997, 75, 128-130.	0.4	17
463	Monitoring the cutting process of the laser-induced optical breakdown (LIOB) during femtosecond-laser in-situ keratomileusis (fs-LASIK). <i>Medical Laser Application: International Journal for Laser Treatment and Research</i> , 2009, 24, 158-164.	0.4	4
464	Influence of spatial and temporal spot distribution on the ocular surface quality and maximum ablation depth after photoablation with a 1050 Hz excimer laser system. <i>Journal of Cataract and Refractive Surgery</i> , 2009, 35, 363-373.	0.7	21
465	Comparison of early postoperative clinical outcomes of photorefractive keratectomy and lamellar epithelial debridement. <i>Journal of Cataract and Refractive Surgery</i> , 2009, 35, 703-709.	0.7	3
466	Effect of time sequences in scanning algorithms on the surface temperature during corneal laser surgery with high-repetition-rate excimer laser. <i>Journal of Cataract and Refractive Surgery</i> , 2009, 35, 738-746.	0.7	27
467	Outcomes of laser refractive surgery for myopia. <i>Journal of Cataract and Refractive Surgery</i> , 2009, 35, 921-933.	0.7	46
468	Experimental setup to determine the pulse energies and radiant exposures for excimer lasers with repetition rates ranging from 100 to 1050 Hz. <i>Journal of Cataract and Refractive Surgery</i> , 2009, 35, 1806-1814.	0.7	12
469	Comparison of Keratocyte Density Between Keratoconus, Post-Laser In Situ Keratomileusis Keratectasia, and Uncomplicated Post-Laser In Situ Keratomileusis Cases. A Confocal Scan Study. <i>Cornea</i> , 2009, 28, 774-779.	0.9	17
470	Long-Term Evaluation of Complications and Results of Photorefractive Keratectomy in Myopia: An 8-Year Follow-Up. <i>Cornea</i> , 2009, 28, 304-310.	0.9	35
471	Intraocular tissue ablation using an optical fibre to deliver the 5th harmonic of a Nd:YAG. <i>Proceedings of SPIE</i> , 2009, , .	0.8	0
472	All-in-One Femtosecond Laser Refractive Surgery. <i>Techniques in Ophthalmology</i> , 2010, 8, 35-42.	0.1	3
473	Study on the transverse chromatic aberration of the individual eye model after LASIK refractive surgery. <i>Proceedings of SPIE</i> , 2010, , .	0.8	0
474	Laser epithelial keratomileusis in 2010 â€“ a review. <i>Clinical and Experimental Ophthalmology</i> , 2010, 38, 183-191.	1.3	30
475	Laser <i>in situ</i> keratomileusis in 2010 â€“ a review. <i>Clinical and Experimental Ophthalmology</i> , 2010, 38, 192-210.	1.3	66
476	Excimer laser surface ablation â€“ a review. <i>Clinical and Experimental Ophthalmology</i> , 2010, 38, 168-182.	1.3	47
477	Application principles of excimer lasers in ophthalmology. <i>Medical Laser Application: International Journal for Laser Treatment and Research</i> , 2010, 25, 250-257.	0.4	8

#	ARTICLE	IF	CITATIONS
478	The Effect of Intraocular Pressure on the Outcome of Myopic Photorefractive Keratectomy: A Numerical Approach. <i>Journal of Healthcare Engineering</i> , 2010, 1, 461-476.	1.1	7
479	Comparison of Short Term Clinical Results Between Epi-LASIK and Femtosecond LASIK. <i>Journal of Korean Ophthalmological Society</i> , 2010, 51, 1573.	0.0	0
480	Effects of Amount of Myopic Correction on Long-term Changes in Higher-order Wavefront Aberrations in ASA-PRK. <i>Journal of Korean Ophthalmological Society</i> , 2010, 51, 1184.	0.0	3
481	Predictable Factors of Postoperative Pain Following LASEK. <i>Journal of Korean Ophthalmological Society</i> , 2010, 51, 1203.	0.0	2
482	EpiLASIK with Mitomycin C. <i>European Journal of Ophthalmology</i> , 2010, 20, 55-61.	0.7	5
483	Synthetic corneal implants. , 2010, , 65-133.		4
484	Short-Term Corneal Endothelial Changes after Laser-Assisted Subepithelial Keratectomy. <i>Journal of International Medical Research</i> , 2010, 38, 1484-1490.	0.4	4
485	Cirug�a refractiva: indicaciones, t�cnicas y resultados. <i>Revista M�dica Cl�nica Las Condes</i> , 2010, 21, 901-910.	0.2	4
486	Laser corneal refractive surgery in the twenty-first century: a review of the impact of refractive surgery on high-order aberrations (and vice versa). <i>Journal of Modern Optics</i> , 2010, 57, 1041-1074.	0.6	9
487	Clinical outcomes of epi-LASIK: 1-year results of on- and off-flap procedures with and without mitomycin-C. <i>British Journal of Ophthalmology</i> , 2010, 94, 592-596.	2.1	13
488	Lasers in refractive surgery: history, present, and future. <i>Applied Optics</i> , 2010, 49, F1.	2.1	17
489	First clinical results of epithelial laser in situ keratomileusis with a 1000 Hz excimer laser. <i>Journal of Cataract and Refractive Surgery</i> , 2010, 36, 449-455.	0.7	8
490	Effect of 3 excimer laser ablation frequencies (200 Hz, 500 Hz, 1000 Hz) on the cornea using a 1000 Hz scanning-spot excimer laser. <i>Journal of Cataract and Refractive Surgery</i> , 2010, 36, 1385-1391.	0.7	11
491	Recent advances in confocal microscopy for studying drug delivery to the eye: Concepts and pharmaceutical applications. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2010, 74, 33-40.	2.0	14
492	Ablation of subretinal tissue with optical fiber delivered 266�nm laser pulses. <i>Experimental Eye Research</i> , 2010, 91, 257-263.	1.2	2
493	Development of a fiber-optic laser delivery system capable of delivering 213 and 266�nm pulsed Nd:YAG laser radiation for tissue ablation in a fluid environment. <i>Applied Optics</i> , 2011, 50, 876.	2.1	6
494	Long-term follow-up of photorefractive keratectomy for myopia: Comparative study of excimer lasers. <i>Journal of Cataract and Refractive Surgery</i> , 2011, 37, 138-143.	0.7	0
495	Transepithelial photorefractive keratectomy: Clinical results. <i>Journal of Cataract and Refractive Surgery</i> , 2011, 37, 1852-1857.	0.7	106

#	ARTICLE	IF	CITATIONS
496	Noninvasive Intratissue Refractive Index Shaping (IRIS) of the Cornea with Blue Femtosecond Laser Light. , 2011, 52, 8148.		29
497	Comparison of Measured Intraocular Pressure Change According to the Methods of Corneal Refractive Surgery. Journal of Korean Ophthalmological Society, 2011, 52, 308.	0.0	3
498	Long-Term Quality of Life after Myopic Laser Refractive Surgery. Journal of Korean Ophthalmological Society, 2011, 52, 922.	0.0	6
499	Factors Associated with Incomplete Cleavage of the Corneal Epithelium in Alcohol-Assisted LASEK. Journal of Korean Ophthalmological Society, 2011, 52, 665.	0.0	0
500	Clinical Results of Phototherapeutic Keratectomy for Refractory Recurrent Corneal Erosion. Journal of Korean Ophthalmological Society, 2011, 52, 392.	0.0	9
501	Recurrent Corneal Hypertrophic Scar After Laser-Assisted Subepithelial Keratectomy With Mitomycin C Treatment. Cornea, 2011, 30, 1030-1034.	0.9	8
502	All-in-One Femtosecond Laser Refractive Surgery. Techniques in Ophthalmology, 2011, 9, 114-121.	0.1	2
503	A role for Notch signaling in corneal wound healing. Wound Repair and Regeneration, 2011, 19, 98-106.	1.5	14
504	Shock wave physics and detonation physics " a stimulus for the emergence of numerous new branches in science and engineering. European Physical Journal H, 2011, 36, 85-152.	0.5	10
505	Molecular-Chain Formation Induced by Infrared-Laser Light Observed in L-Cysteine and Potassium Dihydrogenphosphate. Japanese Journal of Applied Physics, 2011, 50, 101601.	0.8	3
508	Fifty Years of Ophthalmic Laser Therapy. JAMA Ophthalmology, 2011, 129, 1613.	2.6	33
509	Quality of Life of Myopic Subjects With Different Methods of Visual Correction Using the NEI RQL-42 Questionnaire. Eye and Contact Lens, 2012, 38, 116-121.	0.8	49
510	Theoretical analysis for spherical aberration induction with low-order correction in refractive surgery. Applied Optics, 2012, 51, 3966.	0.9	3
511	Comparison of LASIK and Surface Ablation by Using Propensity Score Analysis: A Multicenter Study in Korea. , 2012, 53, 7116.		23
512	The History of LASIK. Journal of Refractive Surgery, 2012, 28, 291-298.	1.1	35
513	Lasers in Dermatology and Medicine. , 2012, , .		15
514	A new method of cornea modulation with excimer laser for simultaneous correction of presbyopia and ametropia. Graefe's Archive for Clinical and Experimental Ophthalmology, 2012, 250, 1649-1661.	1.0	54
515	Results of laser in situ keratomileusis performed using solid-state laser technology. Journal of Cataract and Refractive Surgery, 2012, 38, 437-444.	0.7	3

#	ARTICLE	IF	CITATIONS
516	Refractive outcomes of laser-assisted subepithelial keratectomy for myopia, hyperopia, and astigmatism using a 213 nm wavelength solid-state laser. <i>Journal of Cataract and Refractive Surgery</i> , 2012, 38, 746-751.	0.7	8
517	Excimer laser photorefractive keratectomy for low to moderate myopia using a 5.0 mm treatment zone and no transitional zone: 16-year follow-up. <i>Journal of Cataract and Refractive Surgery</i> , 2012, 38, 1246-1250.	0.7	24
518	Optical pachymetryâ€“guided custom excimer laser-assisted lamellar keratoplasty for the surgical treatment of keratoconus. <i>Journal of Cataract and Refractive Surgery</i> , 2012, 38, 1559-1567.	0.7	12
519	Control of Scar Tissue Formation in the Cornea: Strategies in Clinical and Corneal Tissue Engineering. <i>Journal of Functional Biomaterials</i> , 2012, 3, 642-687.	1.8	80
520	Comparison of single-step reverse transepithelial all-surface laser ablation (ASLA) to alcohol-assisted photorefractive keratectomy. <i>Clinical Ophthalmology</i> , 2012, 6, 973.	0.9	82
521	Current and future options for myopia correction. <i>Journal of the Korean Medical Association</i> , 2012, 55, 362.	0.1	4
522	Safety, efficacy, predictability and stability of laser <i>in situ</i> keratomileusis (LASIK) with a 1000â€“Hz scanning spot excimer laser. <i>Acta Ophthalmologica</i> , 2012, 90, 508-513.	0.6	11
523	Corneal refractive surgery: past to present. <i>Australasian journal of optometry, The</i> , 2012, 95, 386-398.	0.6	70
524	Pilot study of laser induced breakdown spectroscopy for tissue differentiation by monitoring the plume created during laser surgery â€” An approach on a feedback Laser control mechanism. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2013, 87, 175-181.	1.5	40
525	LASIK and Surface Ablation in the Modern Era: Trends and Novel Applications. <i>Current Ophthalmology Reports</i> , 2013, 1, 20-27.	0.5	3
526	Traumatic flap dislocation 10 years after LASIK. Case report and literature review. <i>Journal Francais D'Ophthalmologie</i> , 2013, 36, 82-86.	0.2	13
527	Multimodal assessment of the magnitude of necrosis in the tracheobronchial tree after laser therapy. <i>Optics and Lasers in Engineering</i> , 2013, 51, 907-911.	2.0	0
528	Ocular Surface Disease. , 2013, , 293-308.		2
529	Ocular higher-order aberration features 10Âyears after photorefractive keratectomy. <i>International Ophthalmology</i> , 2013, 33, 651-657.	0.6	5
530	Laser therapy in ophthalmology. , 2013, , 395-458.		5
532	Enrichment of Retinal Ganglion Cells in Rat Retinal Lysate by Excimer Laser Ablation of the Outer Retina. , 2013, 54, 2061.		1
533	LASIK. <i>International Ophthalmology Clinics</i> , 2013, 53, 111-128.	0.3	12
534	A New Nanosecond UV Laser at 355 nm: Early Results of Corneal Flap Cutting in a Rabbit Model. , 2013, 54, 7854.		14

#	ARTICLE	IF	CITATIONS
535	High power single mode 980 nm AlGaInAs/AlGaAs quantum well lasers with a very low threshold current. Journal of Semiconductors, 2013, 34, 114011.	2.0	3
536	Surgical solid-state lasers and their clinical applications. , 2013, , 572-597.		1
537	Time-expanding options in laser corneal refractive surgery. British Journal of Ophthalmology, 2013, 97, 951-952.	2.1	2
538	Textbook of Refractive Laser Assisted Cataract Surgery (ReLACS). , 2013, , .		2
541	Corneal Endothelial Changes after Laser-Assisted Subepithelial Keratomileusis. Journal of Korean Ophthalmological Society, 2013, 54, 33.	0.0	2
542	Model of Laser-Induced Nano-Cavitation in the Surface of Gelatin Confronted with the Fast Rise Time of the Optical Attenuation Measurements. Applied Physics Research, 2013, 5, .	0.2	0
543	Comparison of Clinical Results between Transepithelial Photorefractive Keratectomy and Brush Photorefractive Keratectomy. Journal of Korean Ophthalmological Society, 2014, 55, 1284.	0.0	2
544	Controlled reshaping of the front surface of the cornea through its full-area ablation outside of the optical zone with a Gaussian ArF excimer laser beam. Laser Physics Letters, 2014, 11, 015603.	0.6	0
545	Describing the Corneal Shape after Wavefront-Optimized Photorefractive Keratectomy. Optometry and Vision Science, 2014, 91, 1231-1237.	0.6	4
546	Pediatric Refractive Surgery. Pediatric Clinics of North America, 2014, 61, 519-527.	0.9	6
547	Past and present of corneal refractive surgery. Acta Ophthalmologica, 2014, 92, 1-21.	0.6	47
548	Developments in the correction of presbyopia <scp>ll</scp>: surgical approaches. Ophthalmic and Physiological Optics, 2014, 34, 397-426.	1.0	100
549	Techniques, indications and complications of corneal debridement. Survey of Ophthalmology, 2014, 59, 47-63.	1.7	10
550	The Evolution of Laser Therapy in Ophthalmology: A Perspective on the Interactions Between Photons, Patients, Physicians, and Physicists: The LXX Edward Jackson Memorial Lecture. American Journal of Ophthalmology, 2014, 158, 12-25.e1.	1.7	23
551	SQUIPABOT: A Mesoscale Parallel Robot for a Laser Phonosurgery. , 2014, , .		3
552	Nonlinear bubble nucleation and growth following filament and white-light continuum generation induced by a single-shot femtosecond laser pulse into dielectrics based on consideration of the time scale. Applied Physics Letters, 2015, 107, 114102.	1.5	10
553	Effect of laser radiation wavelength and reepithelization process on optical quality of eye cornea after laser correction of vision. Quantum Electronics, 2015, 45, 927-932.	0.3	0
554	Laser Therapy in the Corneal Disease. Nippon Laser Igakkaishi, 2015, 36, 33-38.	0.0	1

#	ARTICLE	IF	CITATIONS
555	Recurrent rates and risk factors associated with recurrent painful bullous keratopathy after primary phototherapeutic keratectomy. <i>Clinical Ophthalmology</i> , 2015, 9, 1815.	0.9	4
556	Incidence of Retinal Lesions before and after Refractive Surgery and Preoperative Prophylactic Laser Treatment. <i>Journal of Korean Ophthalmological Society</i> , 2015, 56, 1671.	0.0	0
557	Evaluation of Anterior Stromal Puncture Using Nd:YAG Laser for Refractory Recurrent Corneal Erosion. <i>Journal of Korean Ophthalmological Society</i> , 2015, 56, 331.	0.0	6
558	The 2014 Bowman Lectureâ€”Bowmanâ€™s and Bruchâ€™s: a tale of two membranes during the laser revolution. <i>Eye</i> , 2015, 29, 46-64.	1.1	20
559	Finesse of transparent tissue cutting by ultrafast lasers at various wavelengths. <i>Journal of Biomedical Optics</i> , 2015, 20, 125004.	1.4	12
560	Digital generation and control of Hermiteâ€”Gaussian modes with an amplitude digital micromirror device. <i>Journal of Optics (United Kingdom)</i> , 2015, 17, 125604.	1.0	20
561	Squipabot: A Mesoscale Parallel Robot for a Laser Phonosurgery. <i>International Journal of Optomechatronics</i> , 2015, 9, 310-324.	3.3	8
562	Corneal Regeneration After Photorefractive Keratectomy: A Review. <i>Journal of Optometry</i> , 2015, 8, 149-169.	0.7	86
563	Physical and chemical properties of lamb renal capsule irradiated by ArF laser. <i>Journal of Laser Applications</i> , 2015, 27, 012004.	0.8	1
564	Brief Report: A Hypothetical Construct Based on Limited Data Visual System Recovery After Refractive Surgery. <i>Military Medicine</i> , 2015, 180, 187-190.	0.4	1
565	Clinical Features of Subepithelial Layer Irregularities of Cornea. <i>Current Eye Research</i> , 2015, 40, 668-675.	0.7	1
566	Mitomycin-C in Corneal Surface Excimer Laser Ablation Techniques. <i>Ophthalmology</i> , 2015, 122, 1085-1095.	2.5	48
567	High-speed photorefractive keratectomy with femtosecond ultraviolet pulses. <i>Journal of Biomedical Optics</i> , 2015, 20, 1.	1.4	1
568	Subsurface ablation of atherosclerotic plaque using ultrafast laser pulses. <i>Biomedical Optics Express</i> , 2015, 6, 2552.	1.5	9
569	Role of molecular photodissociation in ultrafast laser surgery. <i>Proceedings of SPIE</i> , 2015, , .	0.8	0
570	Ultrafast laser ablation for targeted atherosclerotic plaque removal. , 2015, , .		1
571	Where are we in laser corneal refractive surgery. <i>Journal of Optometry</i> , 2015, 8, 147-148.	0.7	0
572	Comparison of 10-year Clinical Results between Laser <i>in situ</i> Keratomileusis and Surface Ablation for Moderate to High Myopia. <i>Journal of Korean Ophthalmological Society</i> , 2016, 57, 380.	0.0	2

#	ARTICLE	IF	CITATIONS
573	Excimer laser for the treatment of psoriasis: safety, efficacy, and patient acceptability. Psoriasis: Targets and Therapy, 2016, Volume 6, 165-173.	1.2	12
574	Complications in Corneal Laser Surgery. , 2016, , .		3
575	Laser technologies in ophthalmic surgery. Laser Physics, 2016, 26, 084010.	0.6	11
576	Evolution of Concepts and Technologies in Ophthalmic Laser Therapy. Annual Review of Vision Science, 2016, 2, 295-319.	2.3	9
577	Femtosecond laser-assisted cataract surgery: First clinical results with special regard to central corneal thickness, endothelial cell count, and aqueous flare levels. Journal of Cataract and Refractive Surgery, 2016, 42, 1151-1156.	0.7	17
578	Study on the electromagnetic radiation characteristics of discharging excimer laser system. , 2016, , .		0
580	Plastic modification of the cornea by pneumatic force corrects myopia: Pneumatic keratology. Eye, 2017, 31, 1621-1627.	1.1	3
581	A new paradigm for use of ultrafast lasers in ophthalmology for enhancement of corneal mechanical properties and permanent correction of refractive errors. Proceedings of SPIE, 2017, , .	0.8	3
582	A pilot study: LASEK with the Triple-A profile of a MEL 90 for mild and moderate myopia. BMC Ophthalmology, 2017, 17, 98.	0.6	6
583	MyoRing treatment of myopia. Journal of Optometry, 2017, 10, 194-198.	0.7	6
584	Trans advanced surface laser ablation (TransPRK) outcomes using SmartPulseTechnology. Contact Lens and Anterior Eye, 2017, 40, 42-46.	0.8	29
585	Enhanced ultraviolet photoluminescence of Gd3+ in silica glass. , 2017, , .		0
586	Pulsed UV laser technologies for ophthalmic surgery. Journal of Physics: Conference Series, 2017, 793, 012022.	0.3	4
587	Enhanced ultraviolet photoluminescence in Gd3+-doped Silica glass. , 2017, , .		0
588	Metalens ophthalmic devices: the new world of optics is flat. Canadian Journal of Ophthalmology, 2018, 53, 91-93.	0.4	2
589	Excimer Laser Correction of Astigmatism: Principles and Clinical Results. , 2018, , 125-141.		0
591	Effects of Diamond Burr in Patients with Recurrent Corneal Erosion. Journal of Korean Ophthalmological Society, 2018, 59, 711.	0.0	0
592	3 Femtosecond Laser-Assisted In Situ Keratomileusis (LASIK). , 2018, , .		0

#	ARTICLE	IF	CITATIONS
593	8 The Future of Laser-Assisted In Situ Keratomileusis: Femtosecond Laser versus Other Technologies. , 2018, , .		0
594	Mitochondria-targeted antioxidant SKQ1 protects cornea from oxidative damage induced by ultraviolet irradiation and mechanical injury. BMC Ophthalmology, 2018, 18, 336.	0.6	16
595	Continuous intracorneal ring implantation for treatment of myopic astigmatism. International Medical Case Reports Journal, 2018, Volume 11, 217-220.	0.3	4
596	Comparing wavefront-optimized, wavefront-guided and topography-guided laser vision correction. Current Opinion in Ophthalmology, 2018, 29, 277-285.	1.3	13
597	Micro-Lidars for Short Range Detection and Measurement. , 2018, , 496-537.		0
598	Fabrication of a multilayer tissue-mimicking phantom with tunable optical properties to simulate vascular oxygenation and perfusion for optical imaging technology. Applied Optics, 2018, 57, 6772.	0.9	17
599	Inflammatory Metabolites of Arachidonic Acid in Tear Fluid in UV-Induced Corneal Damage. Biochemistry (Moscow) Supplement Series B: Biomedical Chemistry, 2019, 13, 264-270.	0.2	0
600	Myopic Laser-Assisted Subepithelial Keratectomy (LASEK) outcomes using three different excimer laser platforms: a retrospective observational study. BMC Ophthalmology, 2019, 19, 205.	0.6	0
601	Laser Ablation of Polymers: A Review. Procedia Manufacturing, 2019, 34, 316-327.	1.9	40
602	Corneal Topography. , 2019, , .		5
603	Laser-Tissue Interactions. , 2019, , .		125
604	Laser ablation of polymers: a review. Polymer International, 2019, 68, 1391-1401.	1.6	114
605	A Critical Overview of the Biological Effects of MitomycinÂC Application on the Cornea Following Refractive Surgery. Advances in Therapy, 2019, 36, 786-797.	1.3	32
606	Corneal Sensitivity After Ocular Surgery. Eye and Contact Lens, 2019, 45, 226-237.	0.8	12
607	History and Results; Indications and Contraindications of SMILE, Compared With LASIK. Asia-Pacific Journal of Ophthalmology, 2019, 8, 371-376.	1.3	45
608	Evaluation of Long-Term Corneal Morphology After Photorefractive Keratectomy by In Vivo Confocal Microscopy and Specular Microscopy; 20-Year Follow-Up. Eye and Contact Lens, 2019, 45, 360-364.	0.8	6
609	Stromal keratophakia: Corneal inlay implantation. Progress in Retinal and Eye Research, 2020, 75, 100780.	7.3	44
610	Reduction in heat affected zone and recast layer in laser materials processing using a photon sieve lens. Optics and Lasers in Engineering, 2020, 126, 105911.	2.0	3

#	ARTICLE	IF	CITATIONS
611	Short-term changes in the anterior segment and retina after small incision lenticule extraction. <i>BMC Ophthalmology</i> , 2020, 20, 397.	0.6	6
612	The Cosine Similarity Technique: A new method for smart EXCIMER laser control. <i>Zeitschrift Fur Medizinische Physik</i> , 2020, 30, 253-258.	0.6	3
613	Photolithography in the vacuum ultraviolet (172 nm) with sub-400 nm resolution: photoablative patterning of nanostructures and optical components in bulk polymers and thin films on semiconductors. <i>Nanoscale</i> , 2020, 12, 16796-16804.	2.8	12
614	Femtosecond laser assisted in situ keratomileusis (FS-LASIK) yields better results than transepithelial photorefractive keratectomy (Trans-PRK) for correction of low to moderate grade myopia. <i>European Journal of Ophthalmology</i> , 2021, 31, 2914-2922.	0.7	6
615	Comparison of refractive outcomes after photorefractive keratectomy with different optical zones using Mel 90 excimer laser. <i>BMC Ophthalmology</i> , 2020, 20, 270.	0.6	3
616	Ex vivo excimer laser ablation of cornea guttata and ROCK inhibitor aided endothelial recolonization of ablated central cornea. <i>Acta Ophthalmologica</i> , 2020, 98, e773-e780.	0.6	12
617	Adsorption separation of CF ₄ , O ₂ , CO ₂ , and COF ₂ from an excimer gas mixture. <i>Separation and Purification Technology</i> , 2021, 258, 117659.	3.9	15
618	Nearwork-induced transient myopia and accommodation function before and after laser-assisted in situ keratomileusis surgery. <i>Indian Journal of Ophthalmology</i> , 2021, 69, 1707.	0.5	3
619	Detection of refractive photokeratectomy traces during eye banking: impossible with organ culture but possible with an active storage machine: case report. <i>Cell and Tissue Banking</i> , 2021, 22, 479-486.	0.5	2
620	Corneal Physiology: Corneal Form and Function. , 2021, , 1-74.		0
621	From lasik to smile: Time to change laser refractive surgery. <i>Journal of Clinical Research and Ophthalmology</i> , 2021, , 007-011.	0.1	0
622	Navigation technology/eye-tracking in ophthalmology: principles, applications and benefits—a narrative review. <i>Annals of Eye Science</i> , 0, 6, 6-6.	1.1	2
623	Excimer laser tissue interactions in the cornea. <i>Experimental Eye Research</i> , 2021, 206, 108537.	1.2	2
624	Transepithelial photorefractive keratectomy on the same day of the initial consultation for the correction of myopia. <i>European Journal of Ophthalmology</i> , 2021, , 112067212110334.	0.7	0
625	Comparison of 6.0 mm versus 6.5 mm Optical Zone on Visual Outcomes after LASIK. <i>Journal of Clinical Medicine</i> , 2021, 10, 3776.	1.0	4
626	Laser-assisted corneal transplantation surgery. <i>Survey of Ophthalmology</i> , 2021, 66, 826-837.	1.7	6
627	Effect of corneal stromal lenticule customization on neurite distribution and excitatory property. <i>Journal of Advanced Research</i> , 2022, 38, 275-284.	4.4	6
628	Corneal Disease. , 1995, , 155-169.		2

#	ARTICLE	IF	CITATIONS
629	The Excimer Laser-Tissue Interactions and Early Clinical Results. <i>Developments in Cardiovascular Medicine</i> , 1990, , 45-58.	0.1	3
630	The Interaction of Laser Light with Neural Tissue. <i>Foundations of Neurological Surgery</i> , 1988, , 29-51.	0.0	2
631	Tear Fluid Changes after Photorefractive Keratectomy. <i>Advances in Experimental Medicine and Biology</i> , 1998, 438, 515-521.	0.8	10
632	Corneal Endothelial Morphology and Barrier Function Following Excimer Laser Photorefractive Keratectomy. , 1997, , 329-342.		12
633	Laser Interactions with Organic/Polymer Materials. , 2020, , 1-49.		6
634	Laser-Tissue Interactions in the Nanosecond, Picosecond and Femtosecond Time Domains. <i>Springer Series in Optical Sciences</i> , 1990, , 420-427.	0.5	7
635	Nanosecond Photoacoustic Studies of UV Laser Ablation of Polymers and Biological Materials. <i>Springer Series in Optical Sciences</i> , 1988, , 164-170.	0.5	3
636	Surgical Procedures on the Cornea. , 1991, , 433-508.		12
637	Interaction of Laser Radiation with Organic Polymers. <i>Springer Series in Materials Science</i> , 1994, , 107-133.	0.4	31
638	Mechanisms of Laser Ablation of Biological Tissue. <i>Springer Series in Surface Sciences</i> , 1990, , 362-367.	0.3	6
639	Das Wundheilungsverhalten intrastromaler HornhautlÄsionen nach Laser-in situ-Keratomileusis. , 1995, , 523-531.		3
640	Pulsed Laser Ablation of Soft Biological Tissues. , 2010, , 551-615.		13
641	Excimer lasers. , 2007, , 157-163.		1
642	LASIK complications and their management. , 2007, , 195-221.		7
643	Current Concepts, Classification, and History of Refractive Surgery. , 2009, , 107-117.		2
644	LASIK for Myopia. , 2011, , 1831-1844.		1
645	Fortnightly Review: Treating myopia with the excimer laser: the present position. <i>BMJ: British Medical Journal</i> , 1995, 310, 979-985.	2.4	30
646	The Relationship between Rabbit Corneal Opacity and Immunohistochemical Expression of Heat Shock Protein 72/73 and c- <i>fos</i> after Excimer Laser Photorefractive Keratectomy. <i>Ophthalmic Research</i> , 1999, 31, 203-209.	1.0	3

#	ARTICLE	IF	CITATIONS
647	Therapeutic and Diagnostic Application of Lasers in Ophthalmology. , 2001, , 211-245.		1
648	Investigation of random lasing as a feedback mechanism for tissue differentiation during laser surgery. Biomedical Optics Express, 2019, 10, 807.	1.5	26
649	Comparative study of the photochemistry of the cutting (etching) of a synthetic polymer and bovine cornea by excimer laser radiation. , 1985, , .		1
650	PRK versus LASIK para correção de miopia baixa e moderada. Arquivos Brasileiros De Oftalmologia, 2000, 63, 257-262.	0.2	7
654	Comparison of IOL powers by corrected method in eyes after PRK and LASIK. Korean Journal of Ophthalmology: KJO, 2002, 16, 26.	0.5	1
655	Current Thoughts in Pediatric Refractive Surgery. Journal of Pediatric Ophthalmology and Strabismus, 2008, 45, 331-337.	0.3	6
656	Review: The Changing Status of Radial Keratotomy for Myopia. Part II. Journal of Refractive Surgery, 1985, 1, 119-137.	1.1	20
657	Improving the Results of Radial Keratotomy. Journal of Refractive Surgery, 1985, 1, 167-172.	1.1	2
658	Development and Evaluation of Refractive Surgical Procedures. Journal of Refractive Surgery, 1987, 3, 142-157.	1.1	16
659	Excimer Laser Radial Keratotomy in the Living Human Eye: A Preliminary Report. Journal of Refractive Surgery, 1988, 4, 5-8.	1.1	15
660	Human Excimer Laser Keratectomy: Short-Term Histopathology. Journal of Refractive Surgery, 1988, 4, 118-124.	1.1	61
661	The Future Direction of Refractive Surgery. Journal of Refractive Surgery, 1988, 4, 158-168.	1.1	13
662	Ablation Rate of Human Corneal Epithelium and Bowman's Layer With the Excimer Laser (193 nm). Journal of Refractive Surgery, 1990, 6, 99-99.	1.1	81
663	Excimer Laser (193 nm) Myopic Keratomileusis in Sighted and Blind Human Eyes. Journal of Refractive Surgery, 1990, 6, 165-173.	1.1	191
664	Myopic Excimer Laser Photorefractive Keratectomy: An Analysis of Clinical Correlations. Journal of Refractive Surgery, 1990, 6, 321-328.	1.1	77
665	Corneal Wound Healing in Monkeys 18 Months After Excimer Laser Photorefractive Keratectomy. Journal of Refractive Surgery, 1990, 6, 340-345.	1.1	93
666	Bovine Corneal Stroma Ablation Rate With 193-nm Excimer Laser Radiation: Quantitative Measurement. Journal of Refractive Surgery, 1990, 6, 424-429.	1.1	24
667	Endothelial Reaction to Perforating and Non-Perforating Excimer Laser Excisions in Rabbits. Journal of Refractive Surgery, 1991, 7, 214-222.	1.1	29

#	ARTICLE	IF	CITATIONS
668	Photorefractive Keratectomy With an Argon Fluoride Excimer Laser: A Clinical Study. <i>Journal of Refractive Surgery</i> , 1991, 7, 420-435.	1.1	217
669	A Comparison of Excimer Laser (308 nm) Ablation of the Human Lens Nucleus in Air and Saline With a Fiber Optic Delivery System. <i>Journal of Refractive Surgery</i> , 1992, 8, 368-374.	1.1	3
670	Corneal Wound Healing After Excimer Laser Ablation in Rabbits: Expanding Versus Contracting Apertures. <i>Journal of Refractive Surgery</i> , 1992, 8, 378-381.	1.1	9
671	A New Procedure for Evaluating Smoothness of Corneal Surface Following 193-Nanometer Excimer Laser Ablation. <i>Journal of Refractive Surgery</i> , 1992, 8, 459-465.	1.1	15
672	Myopic Keratomileusis With the Excimer Laser: One-Year Follow Up. <i>Journal of Refractive Surgery</i> , 1993, 9, 12-19.	1.1	81
673	Excimer Laser Photorefractive Keratectomy for Myopia: Results in 1165 Eyes. <i>Journal of Refractive Surgery</i> , 1993, 9, 95-99.	1.1	80
674	Phototherapeutic Keratectomy in Recurrent Corneal Epithelial Erosion. <i>Journal of Refractive Surgery</i> , 1993, 9, 419-424.	1.1	64
675	Corneal Sensation Following Excimer Laser Photorefractive Keratectomy in Humans. <i>Journal of Refractive Surgery</i> , 1994, 10, 417-422.	1.1	41
676	Photoablation of Gelatin With the Free-Electron Laser Between 2.7 and 6.7 μm . <i>Journal of Refractive Surgery</i> , 1994, 10, 433-438.	1.1	16
677	Excimer Laser In Situ Keratomileusis and Photorefractive Keratectomy for Correction of High Myopia. <i>Journal of Refractive Surgery</i> , 1994, 10, 498-510.	1.1	378
678	Theoretical and Clinical Effect of Preoperative Corneal Curvature on Excimer Laser Photorefractive Keratectomy for Myopia. <i>Journal of Refractive Surgery</i> , 1994, 10, 571-574.	1.1	28
679	Comparison of Laser and Manual Removal of Corneal Epithelium for Photorefractive Keratectomy. <i>Journal of Refractive Surgery</i> , 1995, 11, 36-67.	1.1	53
680	Rapidly Polymerized Collagen Gel as a Smoothing Agent in Excimer Laser Photoablation. <i>Journal of Refractive Surgery</i> , 1995, 11, 50-55.	1.1	10
681	Excimer Laser In Situ Keratomileusis for Myopia. <i>Journal of Refractive Surgery</i> , 1995, 11, .	1.1	39
682	Do Topical Corticosteroids Have a Role Following Excimer Laser Photorefractive Keratectomy?. <i>Journal of Refractive Surgery</i> , 1995, 11, 380-406.	1.1	56
683	Correction of Myopia With Er:YAG Laser Fundamental Mode Photorefractive Keratectomy. <i>Journal of Refractive Surgery</i> , 1995, 11, 392-396.	1.1	12
684	Radial Keratotomy for Myopia From 5.00 to 13.00 Diopters Two Years After Surgery. <i>Journal of Refractive Surgery</i> , 1996, 12, 86-90.	1.1	1
685	Photorefractive Keratectomy for Myopia of -8.00 to -24.00 Diopters. <i>Journal of Refractive Surgery</i> , 1996, 12, 91-97.	1.1	12

#	ARTICLE	IF	CITATIONS
686	Keratocyte-Populated Collagen Gel as an In Vitro Model of Excimer Laser Keratectomy. Journal of Refractive Surgery, 1996, 12, 98-99.	1.1	3
687	Results of Photorefractive Keratectomy for Myopia With the Technolas Keracor 116 Excimer Laser. Journal of Refractive Surgery, 1996, 12, .	1.1	3
688	Corneal Asphericity and Its Implications for Photorefractive Keratectomy: a Mathematical Model. Journal of Refractive Surgery, 1996, 12, 347-430.	1.1	9
689	Photorefractive Keratectomy and Laser In Situ Keratomileusis for Myopia Between 6.00 and 10.00 Diopters. Journal of Refractive Surgery, 1996, 12, 417-421.	1.1	93
690	Corneal Wound Healing and Nerve Morphology after Excimer Laser In Situ Keratomileusis in Human Eyes. Journal of Refractive Surgery, 1996, 12, 677-733.	1.1	67
691	Phototherapeutic Keratectomy for Granular and Lattice Corneal Dystrophies at 1.5 to 4 Years. Journal of Refractive Surgery, 1996, 12, 795-800.	1.1	44
692	Corneal Ablation Profilometry and Steep Central Islands. Journal of Refractive Surgery, 1997, 13, 235-245.	1.1	31
693	Laser in situ Keratomileusis for Myopia of -2 to -25 Diopters. Journal of Refractive Surgery, 1997, 13, .	1.1	22
694	Excimer Laser Photorefractive Keratectomy for Hyperopia. Journal of Refractive Surgery, 1997, 13, 504-510.	1.1	44
695	Excimer Laser In Situ Keratomileusis to Correct Compound Myopic Astigmatism. Journal of Refractive Surgery, 1997, 13, 511-520.	1.1	56
696	Comparison of Laser in situ Keratomileusis and Photorefractive Keratectomy to Correct Myopia from -1.25 to -6.00 Diopters. Journal of Refractive Surgery, 1997, 13, 528-534.	1.1	101
697	Photorefractive Keratectomy For Hyperopia and Aphakia with a Scanning Spot Excimer Laser. Journal of Refractive Surgery, 1997, 13, 620-623.	1.1	17
698	Long-term Results of Photorefractive Keratectomy for Hyperopia and Hyperopic Astigmatism. Journal of Refractive Surgery, 1998, 14, .	1.1	28
699	The Picosecond Laser for Nonmechanical Laser in situ Keratomileusis. Journal of Refractive Surgery, 1998, 14, 467-469.	1.1	74
700	Lamellar Refractive Surgery with Scanned Intrastromal Picosecond and Femtosecond Laser Pulses in Animal Eyes. Journal of Refractive Surgery, 1998, 14, 541-548.	1.1	176
701	Corneal Wound Healing After Laser in situ Keratomileusis in Rabbits. Journal of Refractive Surgery, 1998, 14, 602-609.	1.1	78
702	Photorefractive Keratectomy for -1.25 to -25.00 Diopters of Myopia. Journal of Refractive Surgery, 1998, 14, 615-622.	1.1	17
703	Refractive Surgery for Hyperopia. Journal of Refractive Surgery, 2000, 16, S242-6.	1.1	19

#	ARTICLE	IF	CITATIONS
704	A Model to Explain the Difference Between Changes in Refraction and Central Ocular Surface Power After Laser in situ Keratomileusis. <i>Journal of Refractive Surgery</i> , 2000, 16, 330-335.	1.1	35
705	Principles of Tscherning Aberrometry. <i>Journal of Refractive Surgery</i> , 2000, 16, .	1.1	66
706	Laser in Situ Keratomileusis for Myopia and Hyperopia Using the Lasersight 200 Laser in 300 Consecutive Eyes. <i>Journal of Refractive Surgery</i> , 2000, 16, 716-723.	1.1	18
707	Photorefractive Keratectomy in Ophthalmic Residents. <i>Journal of Refractive Surgery</i> , 2000, 16, 731-738.	1.1	7
708	Early Rhegmatogenous Retinal Detachment Following Laser in situ Keratomileusis for High Myopia. <i>Journal of Refractive Surgery</i> , 2000, 16, 739-743.	1.1	29
709	Photorefractive Keratectomy for Myopia With the Meditec MEL 70 ^{sub} G-Scan [^] Flying Spot Laser. <i>Journal of Refractive Surgery</i> , 2001, 17, 319-326.	1.1	18
710	Phototherapeutic Keratectomy in Patients With Recurrent Corneal Epithelial Erosions. <i>Journal of Refractive Surgery</i> , 2001, 17, 511-518.	1.1	17
711	Comparison of TGF- β 1 in Tears Following Laser Subepithelial Keratomileusis and Photorefractive Keratectomy. <i>Journal of Refractive Surgery</i> , 2002, 18, 130-134.	1.1	71
712	Flap Measurements With the Hansatome Microkeratome. <i>Journal of Refractive Surgery</i> , 2002, 18, 149-154.	1.1	41
713	Ultraviolet Corneal Photoablation. <i>Journal of Refractive Surgery</i> , 2002, 18, .	1.1	17
714	Endothelial Cell Studies in Patients After Photorefractive Keratectomy for Hyperopia. <i>Journal of Refractive Surgery</i> , 2003, 19, 142-148.	1.1	11
715	Incidence of Retinal Disease Following Refractive Surgery in 9,239 Eyes. <i>Journal of Refractive Surgery</i> , 2003, 19, 534-547.	1.1	92
716	Prospective, Paired Comparison of Laser in situ Keratomileusis and Laser Epithelial Keratomileusis for Myopia Less Than -6.00 Diopters. <i>Journal of Refractive Surgery</i> , 2004, 20, 223-228.	1.1	28
717	Excimer Laser Phototherapeutic Keratectomy for Granular and Lattice Corneal Dystrophy: A Comparative Study. <i>Journal of Refractive Surgery</i> , 2005, 21, 727-731.	1.1	47
718	Late Traumatic Flap Dislocations After LASIK. <i>Journal of Refractive Surgery</i> , 2006, 22, 500-504.	1.1	37
719	Twelve-year Follow-up of Photorefractive Keratectomy for Low to Moderate Myopia. <i>Journal of Refractive Surgery</i> , 2006, 22, 871-877.	1.1	56
720	LASEK and Photorefractive Keratectomy for Myopia: Clinical and Confocal Microscopy Comparison. <i>Journal of Refractive Surgery</i> , 2007, 23, 694-702.	1.1	30
721	Phototherapeutic Keratectomy in Children. <i>Journal of Refractive Surgery</i> , 2007, 23, 703-708.	1.1	30

#	ARTICLE	IF	CITATIONS
722	A New Transepithelial Phototherapeutic Keratectomy Mode Using the NIDEKCXIII Excimer Laser. Journal of Refractive Surgery, 2009, 25, S122-4.	1.1	20
723	A 14-year Follow-up of Photorefractive Keratectomy. Journal of Refractive Surgery, 2009, 25, 545-552.	1.1	28
724	Effects of Decentration of Photorefractive Keratectomy on the Induction of Higher Order Wavefront Aberrations. Journal of Refractive Surgery, 2010, 26, 731-743.	1.1	32
725	The 25th Anniversary of Excimer Lasers in Refractive Surgery: Historical Review. Journal of Refractive Surgery, 2010, 26, 749-760.	1.1	27
726	Using Donor Lenticules Obtained Through SMILE for an Epikeratophakia Technique Combined With Phototherapeutic Keratectomy. Journal of Refractive Surgery, 2016, 32, 840-845.	1.1	22
727	Excimer Laser Phototherapeutic Keratectomy: Clinical and Surgical Aspects. Ophthalmic Surgery Lasers and Imaging Retina, 1995, 26, 461-472.	0.4	17
728	Photorefractive Keratectomy for Myopia. Ophthalmic Surgery Lasers and Imaging Retina, 1996, 27, 29-44.	0.4	8
729	Excimer Laser Phototherapeutic Keratectomy for Recurrent Erosions: A Clinical Study. Ophthalmic Surgery Lasers and Imaging Retina, 1996, 27, 768-772.	0.4	35
730	Two-Year Results of Photorefractive Keratectomy With Scanning Spot Ablation for Myopia of Less Than -6.0 Diopters. Ophthalmic Surgery Lasers and Imaging Retina, 1998, 29, 904-908.	0.4	4
731	Excimer Laser Photorefractive Keratectomy for High Myopia and Myopic Astigmatism. Ophthalmic Surgery Lasers and Imaging Retina, 1999, 30, 442-448.	0.4	12
732	Corneal re-innervation following refractive surgery treatments. Neural Regeneration Research, 2019, 14, 557.	1.6	32
733	Transepithelial photorefractive keratectomy for low to moderate myopia in comparison with conventional photorefractive keratectomy. Journal of Ophthalmic and Vision Research, 2016, 11, 358.	0.7	30
734	Phototherapeutic keratectomy: Indications, methods and decision making. Indian Journal of Ophthalmology, 2020, 68, 2856.	0.5	10
735	Preferred practice patterns for photorefractive keratectomy surgery. Indian Journal of Ophthalmology, 2020, 68, 2847.	0.5	5
737	Dynamic Analysis of Laser Ablation of Biological Tissue by Optical Coherence Tomography. , 0, , .		2
738	Molecular-Chain Formation Induced by Infrared-Laser Light Observed in L-Cysteine and Potassium Dihydrogenphosphate. Japanese Journal of Applied Physics, 2011, 50, 101601.	0.8	2
739	Surgical Results of Photorefractive Keratectomy Using Different Operative Modes. , 2000, , 141-144.		0
740	Fine Tuning Excimer Laser Correction After Intraocular Lens Implantation and Corneal Transplantation. Journal of Refractive Surgery, 2000, 16, S257-60.	1.1	8

#	ARTICLE	IF	CITATIONS
759	Structural Changes in Rabbit Iris Following Excimer Laser Treatment. Journal of Medical Sciences (Faisalabad, Pakistan), 2007, 7, 732-739.	0.0	0
764	Myopia, hyperopia, and astigmatism. , 2009, , 777-787.		0
765	Phototherapeutic keratectomy: indications, contraindications, and preoperative evaluation. , 2009, , 161-172.		0
766	Surface ablation: techniques and postoperative management. , 2009, , 811-820.		0
767	LASIK and surface ablation. , 2009, , 529-535.		0
769	Laser Therapies: Iridotomy, Iridoplasty, and Trabeculoplasty. , 2010, , 713-739.		0
770	Laser/Light Applications in Ophthalmology: Visual Refraction. , 2011, , 425-433.		0
773	Traduction des propri��t��s g��om��triques de la surface corn��enne sur les cartes de courbure et d'��valuation. , 2011, , 73-106.		0
774	Surgical treatment for myopia. Journal of the Korean Medical Association, 2011, 54, 392.	0.1	0
775	Examination of the Effectiveness to Eyesight Improvement of Phototherapeutic Keratectomy (PTK) and the Cataract Surgery. Yamaguchi Medical Journal, 2012, 61, 23-29.	0.1	0
776	Femtosecond Laser Fundamentals. , 2013, , 17-37.		0
777	Optimization of Linear Filtering Model to Predict Post-LASIK Corneal Smoothing Based on Training Data Sets. Applied Mathematics, 2013, 04, 1694-1701.	0.1	0
778	New Improvements in the Excimer Laser Technology for the Correction of Myopia. Highlights of Ophthalmology, 2013, 41, 15-22.	0.0	0
779	Nuevas Mejoras en laTecnolog��a de L��ser Excimerpara la Correcci��n de la Miop��a. Highlights of Ophthalmology, 2013, 41, 15-22.	0.0	0
781	Comparative study between manual and brush de-epithelization in photorefractive keratectomy (PRK). Revista Brasileira De Oftalmologia, 2014, 73, .	0.1	1
782	Measurement of the Absorption Coefficient of Biological Materials Using Integrating Cavity Ring-Down Spectroscopy. , 2014, , .		0
783	Traduction des propri��t��s g��om��triques de la surface corn��enne sur les cartes de courbure et d'��valuation. , 2014, , 83-127.		0
784	Ablation of human atherosclerotic plaque by 193 and 248 nm wavelength nanosecond delivered laser energy. , 1985, , .		0

#	ARTICLE	IF	CITATIONS
785	Refraktive Chirurgie der Kornea. , 1988, , 581-602.		0
786	Tissue Interactions of Carbon Monoxide and Carbon Dioxide Lasers. , 1988, , 330-335.		0
787	Lasereingriffe an den vorderen Augenabschnitten und am Glaskörper. , 1988, , 931-986.		1
788	Ophthalmic Surgery on Laboratory Animals. , 1989, , 35-74.		0
789	Application of Excimer Laser on the Cornea. Nippon Laser Igakkaishi, 1990, 11, 29-34.	0.0	0
790	Clinicopathologic Study of Healing Excimer Laser Radial Excisions. Journal of Refractive Surgery, 1990, 6, 188-192.	1.1	1
791	Development of the Excimer Laser in Ophthalmology: A Personal Perspective. Journal of Refractive Surgery, 1990, 6, 357-362.	1.1	5
792	Refractive Corneal Surgery. , 1991, , 523-546.		0
794	The Change of the Rat's Tongue by ArF Excimer Laser Irradiation. Journal of Japanese Society for Laser Dentistry, 1991, 2, 19-28.	0.1	0
795	Application of Excimer Laser to Astigmatic Surgery. Nippon Laser Igakkaishi, 1991, 12, 289-292.	0.0	0
796	Lasers in Dermatology. , 1991, , 213-226.		4
797	Biophysical Bases of Laser-Tissue Interactions. , 1991, , 29-44.		0
798	Über die Zukunft der refraktiven Hornhautchirurgie. , 1991, , 33-52.		0
799	Laser Surgery of the Eye: Phototoxicity Concerns. NATO ASI Series Series B: Physics, 1991, , 273-284.	0.2	0
800	Wirkung von Laserstrahlung auf Gewebe. Laser in Technik Und Forschung, 1991, , 171-266.	0.0	0
801	CLINICAL APPLICATION OF UV EXCIMER LASERS. European Physical Journal Special Topics, 1991, 01, C7-221-C7-223.	0.2	0
802	Effect of UV Laser Irradiation on Tissue.. The Review of Laser Engineering, 1992, 20, 845-853.	0.0	3
803	Excimer laser interactions. , 1992, , .		0

#	ARTICLE	IF	CITATIONS
804	On the Safety of 193-Nanometer Excimer Laser Refractive Corneal Surgery. Journal of Refractive Surgery, 1992, 8, 235-239.	1.1	12
805	Silicon Cast Method for Quantification of Photoablation. Journal of Refractive Surgery, 1992, 8, 363-367.	1.1	6
806	Intrastromal Photorefractive Keratectomy With a New Optically Coupled Laser Probe. Journal of Refractive Surgery, 1992, 8, 399-402.	1.1	4
807	Compensatory Epithelial Hyperplasia in Human Corneal Disease. Ophthalmic Surgery Lasers and Imaging Retina, 1992, 23, 729-732.	0.4	8
808	Hypersensitivity Following Excimer Laser Ablation Through the Corneal Epithelium. Journal of Refractive Surgery, 1992, 8, 466-474.	1.1	9
809	Fundamental Study of KrF Excimer Laser. Journal of Japanese Society for Laser Dentistry, 1993, 4, 45-48.	0.1	0
810	Lasers in Industry and the Clinic. , 1993, , 221-237.		0
811	The Effect of the Rat's Mandibula by ArF Excimer Laser Irradiation. Journal of Japanese Society for Laser Dentistry, 1993, 4, 63-74.	0.1	1
812	First Report on Excimer Laser PRK in Japan. Nippon Laser Igakkaiishi, 1993, 14, 453-456.	0.0	0
813	Experimental evaluation of potential hazards to tracheal tubes during KrF Excimer laser irradiation.. Nihon Koku Geka Gakkai Zasshi, 1993, 39, 235-239.	0.0	0
814	Phototherapeutic Keratectomy: Strategies and Results in 12 Eyes. Journal of Refractive Surgery, 1993, 9, .	1.1	14
815	Photorefractive Keratectomy for Myopia from 6.00 D to 10.00 D. Journal of Refractive Surgery, 1993, 9, .	1.1	17
816	Efficacy of Corticosteroids in Reversing Regression After Myopic Photorefractive Keratectomy. Journal of Refractive Surgery, 1993, 9, .	1.1	23
817	Multistep Photorefractive Keratectomy for High Myopia. Journal of Refractive Surgery, 1993, 9, .	1.1	9
818	Photorefractive Keratectomy for Myopia: 18-Month Results in 178 Eyes. Journal of Refractive Surgery, 1993, 9, .	1.1	1
819	Excimer Laser Photorefractive Keratectomy to Correct Residual Myopia After Radial Keratotomy. Journal of Refractive Surgery, 1993, 9, .	1.1	6
820	Photorefractive Keratectomy in 202 Myopic Eyes: One Year Results. Journal of Refractive Surgery, 1993, 9, .	1.1	16
821	Plume Emission, Shock Wave and Surface Wave Formation During Excimer Laser Ablation of the Cornea. Journal of Refractive Surgery, 1993, 9, .	1.1	8

#	ARTICLE	IF	CITATIONS
822	Photorefractive Keratectomy for Myopia: Preliminary Results in 147 Eyes. Journal of Refractive Surgery, 1993, 9, .	1.1	11
823	Phototherapeutic Keratectomy in Nine Eyes With Superficial Corneal Diseases. Journal of Refractive Surgery, 1993, 9, .	1.1	8
824	Keratomileusis for Myopia With the Excimer Laser (Buratto Technique): Short-Term Results. Journal of Refractive Surgery, 1993, 9, .	1.1	5
825	Other Laser Sources. , 1994, , 103-126.		0
827	Photorefractive Keratectomy for Myopia: One-year Follow-Up in 97 Eyes. Journal of Refractive Surgery, 1994, 10, .	1.1	12
828	Photorefractive Keratectomy for Myopia in 98 Eyes. Journal of Refractive Surgery, 1994, 10, .	1.1	1
829	Correction of Myopia and Astigmatism Using an Ablatable Mask. Journal of Refractive Surgery, 1994, 10, .	1.1	5
830	OmniMed II: A New System For Use With the emphasis Erodible Mask. Journal of Refractive Surgery, 1994, 10, .	1.1	0
831	The Role of Fibroblast Inhibitors on Corneal Healing Following Photorefractive Keratectomy With 193-Nanometer Excimer Laser in Rabbits. Ophthalmic Surgery Lasers and Imaging Retina, 1994, 25, 170-174.	0.4	8
832	Cooling the Cornea to Prevent Side Effects of Photorefractive Keratectomy. Journal of Refractive Surgery, 1994, 10, .	1.1	19
833	The Learning Curve in Myopic Photorefractive Keratectomy. Journal of Refractive Surgery, 1994, 10, .	1.1	4
834	Myopic Keratomileusis by Excimer Laser on a Lathe. Journal of Refractive Surgery, 1994, 10, 575-581.	1.1	3
835	Multizone Photorefractive Keratectomy for Myopia of 9 to 14 Diopters. Journal of Refractive Surgery, 1995, 11, .	1.1	4
836	Three-Year Results of Photorefractive Keratectomy for Myopia. Journal of Refractive Surgery, 1995, 11, .	1.1	11
837	Wound Healing Modulators in Tear Fluid. , 1997, , 377-389.		0
838	Effect of Refractive Surgery Experience on Outcomes after Photorefractive Keratectomy. Journal of Refractive Surgery, 1997, 13, 33-98.	1.1	0
839	Optical Monitoring and Diagnostics for Biomedical Applications. Optical Diagnostic Methodology for Laser Therapy Control: in the Case of Laser Angioplasty and Photorefractive Keratectomy.. The Review of Laser Engineering, 1997, 25, 208-212.	0.0	1
840	Phototherapeutic Keratectomy for the Treatment of Persistent Epithelial Defect. , 1997, , 321-327.		1

#	ARTICLE	IF	CITATIONS
841	Residual Stress in PRK Operated Cornea and Evaluation of the Retinal Image. Documenta Ophthalmologica Proceedings Series, 1997, , 115-118.	0.0	1
842	Laser Refractive Surgery. Nippon Laser Igakkaishi, 1997, 18, 23-29.	0.0	0
843	Mechanism Associated with Excimer Laser Ablation of Tooth Enamel. Nippon Laser Igakkaishi, 1997, 18, 279-282.	0.0	0
844	Visual Functions After Photorefractive Keratectomy. Acta Medica (Hradec Kralove), 1997, 40, 47-49.	0.2	2
845	Experimental Study on Ultraviolet Laser Ablation of Lipid.. The Review of Laser Engineering, 1997, 25, 382-386.	0.0	0
846	Comparison of Corneal Epithelial Wound Healing after Photorefractive Keratectomy in the Rabbit with Two Types of Excimer Lasers. Journal of Refractive Surgery, 1997, 13, 263-267.	1.1	0
847	Changes in the Chemical Structure of Lipids as a Result of Ultraviolet Laser Irradiation. Nippon Laser Igakkaishi, 1998, 19, 191-195.	0.0	1
848	Multiple Optical Zone Photorefractive Keratectomy with the Visx Twenty/Twenty Excimer Laser: Clinical Trial. , 1998, , 235-238.		2
849	Mechanism Associated with Excimer Laser Ablation of Hard-Tissue.. The Review of Laser Engineering, 1998, 26, 168-171.	0.0	0
850	Laser In Situ Keratomileusis (LASIK) for Myopia. , 1998, , 169-180.		0
851	In Search of Excellence: From Radial Keratotomy to Laser-Assisted In Situ Keratomileusis. , 1998, , 163-168.		0
852	Accuracy of Visual Correction in Photorefractive Keratectomy. Journal of Refractive Surgery, 1998, 14, .	1.1	0
853	PrÄzise Messung von Schichtdicken wÄhrend der photorefraktiven Keratektomie. , 1999, , 525-530.		0
854	Variables y parÄmetros influyentes en los perfiles de ablaciÃ³n del lÄser de excÃmeros. Ciencia Y TecnologÃa Para La Salud Visual Y Ocular, 2014, 12, 117.	0.1	2
855	COMPARISON BETWEEN PHOTOREFRACTIVE KERATECTOMY (PRK) AND LASER IN SITU KERATOMILEUSIS (LASIK) OUTCOME AFTER SIX MONTHS IN TREATMENT OF MYOPIC ASTIGMATISM. Basrah Journal of Surgery, 2014, 20, 46-54.	0.0	0
856	MyoRing Treatment of Keratoconus. International Journal of Keratoconus and Ectatic Corneal Diseases, 2015, 4, 76-83.	0.5	2
857	CORNEAL HAZE FOLLOWING PHOTO REFRACT IVE KERATECTOMY. Journal of Evolution of Medical and Dental Sciences, 2015, 04, 2568-2576.	0.1	0
858	CORRECTION OF MYOPIA USING CORNEA SPARING LASIK (ABLATION ON FLAP). Journal of Evolution of Medical and Dental Sciences, 2015, 04, 3101-3109.	0.1	0

#	ARTICLE	IF	CITATIONS
859	LASER ASSISTED SUB EPITHELIAL KERATECTOMY FOR HYPEROPIA USING 213 NM WAVELENGTH SOLID STATE LASER, 3 YEAR FOLLOW UP STUDY OF REFRACTIVE AND VISUAL OUTCOMES. Journal of Evolution of Medical and Dental Sciences, 2015, 4, 9588-9597.	0.1	1
860	Intense ultraviolet photoluminescence at 314 nm in Gd ³⁺ -doped silica. , 2016, , .		5
861	Past, Present and Future of Excimer and Femtolaser Application to the Cornea. , 2016, , 3-9.		0
862	Study of Masking Effect of Soft Contact Lenses on Cornea after Refractive Surgery. Journal of Korean Ophthalmic Optics Society, 2016, 21, 91-98.	0.3	1
863	A Brief History of Aberrometry Applications in Ophthalmology and Vision Science. Springer Proceedings in Physics, 2017, , 31-39.	0.1	0
864	1 Looking out the optical window. Series in Cellular and Clinical Imaging, 2017, , 1-28.	0.2	0
865	Die Geschichte des Lasers. , 2018, , 3-14.		0
866	Contoura®; The New Way of Approaching Refractive Problems. Highlights of Ophthalmology, 2018, 46, 20-25.	0.0	0
867	Laser/Light Applications in Ophthalmology: Visual Refraction. , 2018, , 1-15.		0
868	Measurement and design of refractive corrections using ultrafast laser-induced intra-tissue refractive index shaping in live cats. , 2018, , .		0
869	Two-Year Outcome of a Patient Treated With Phototherapeutic Keratectomy and Autologous SMILE Lenticule Transplantation for Flap-Related Complications Following LASIK. Journal of Refractive Surgery, 2018, 34, 281-285.	1.1	7
870	Refractive Laser Surgery. , 2019, , 235-268.		0
871	Striving for Perfect Vision: Insights from Refractive Surgery. , 2020, , 159-184.		0
872	New Bubble Mitomycin C Application Technique for Haze Prevention following Customized Photorefractive Keratectomy. , 2020, 82, .		0
873	Autofluorescence guided welding of heart tissue by laser pulse bursts at 1550 nm. Biomedical Optics Express, 2020, 11, 6271.	1.5	9
874	Radial keratotomy â€” caveat emptor. Medical Journal of Australia, 1986, 145, 2-2.	0.8	0
875	What We Have Learned About Corneal Wound Healing From Refractive Surgery. Journal of Refractive Surgery, 1989, 5, 98-99.	1.1	31
876	Future applications of lasers in surgery and medicine: a review. Journal of the Royal Society of Medicine, 1989, 82, 293-6.	1.1	1

#	ARTICLE	IF	CITATIONS
877	Valacyclovir for the prevention of recurrent herpes simplex virus eye disease after excimer laser photokeratectomy. Transactions of the American Ophthalmological Society, 2000, 98, 285-303.	1.4	22
878	Expanding the scope of lamellar keratoplasty. Transactions of the American Ophthalmological Society, 1999, 97, 771-814.	1.4	12
879	Studies of intrastromal corneal ring segments for the correction of low to moderate myopic refractive errors. Transactions of the American Ophthalmological Society, 1999, 97, 815-90.	1.4	15
880	Laser In Situ keratomileusis (LASIK) for the treatment of low moderate, and high myopia. Transactions of the American Ophthalmological Society, 1997, 95, 285-96; discussion 296-306.	1.4	13
881	Wound healing anomalies after excimer laser photorefractive keratectomy: correlation of clinical outcomes, corneal topography, and confocal microscopy. Transactions of the American Ophthalmological Society, 1997, 95, 629-714.	1.4	7
882	Compensatory epithelial hyperplasia in human corneal disease. Transactions of the American Ophthalmological Society, 1992, 90, 265-73; discussion 274-6.	1.4	2
883	Excimer laser photorefractive keratectomy for myopia: a single surgeon best-case analysis. Transactions of the American Ophthalmological Society, 1994, 92, 235-44; discussion 244-9.	1.4	2
884	Development of a system for excimer laser corneal surgery. Transactions of the American Ophthalmological Society, 1989, 87, 854-983.	1.4	14
885	Use of the 193-NM excimer laser for myopic photorefractive keratectomy in sighted eyes: a multicenter study. Transactions of the American Ophthalmological Society, 1991, 89, 155-72; discussion 172-82.	1.4	7
886	Human excimer laser corneal surgery: preliminary report. Transactions of the American Ophthalmological Society, 1988, 86, 208-75.	1.4	12
887	Excimer laser refractive surgery. Western Journal of Medicine, 1998, 169, 30-8.	0.3	14
888	Lasers in ophthalmology. Western Journal of Medicine, 1985, 143, 745-50.	0.3	6
889	Corneal wound healing after photorefractive keratectomy: a 3-year confocal microscopy study. Transactions of the American Ophthalmological Society, 2003, 101, 293-333.	1.4	55
890	Long-term corneal keratoctye deficits after photorefractive keratectomy and laser in situ keratomileusis. Transactions of the American Ophthalmological Society, 2005, 103, 56-66; discussion 67-8.	1.4	18
891	Optics of conductive keratoplasty: implications for presbyopia management. Transactions of the American Ophthalmological Society, 2005, 103, 412-56.	1.4	13
892	Human excimer laser keratectomy. Short-term histopathology. Bulletin of the New York Academy of Medicine, 1989, 65, 557-73.	0.1	1
893	Potentials for progress in laser medicine. Yale Journal of Biology and Medicine, 1985, 58, 535-45.	0.2	4
894	Refractive surgery. Ochsner Journal, 2000, 2, 164-7.	0.5	0

#	ARTICLE	IF	CITATIONS
895	Wavefront-guided laser in situ keratomileusis (Lasik) versus wavefront-guided photorefractive keratectomy (Prk): a prospective randomized eye-to-eye comparison (an American Ophthalmological Tj ETQq0 0 0 rgBT /Overlock 10 Tf		
896	Ultrashort-pulse lasers treating the crystalline lens: will they cause vision-threatening cataract? (An Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 2012, 110, 130-65.	1.4	2
897	Long term results of no-alcohol laser epithelial keratomileusis and photorefractive keratectomy for myopia. International Journal of Ophthalmology, 2015, 8, 574-9.	0.5	3
898	Pediatric Refractive Surgery: A 2015 Perspective. Missouri Medicine, 2015, 112, 218-22.	0.3	0
899	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
900	All Surface Laser Ablation and Crosslinking. , 2022, , 177-186.		0
901	Laser Interactions with Organic/Polymer Materials. , 2021, , 165-212.		1
902	Abrasion, grinding, pulverization, vaporization, and extraction: debulking options for percutaneous coronary interventions of calcified coronary lesions. , 2022, , 71-99.		1
903	Consideration of Various Surgical Methods of Laser Corneal Refractive Surgery. Hans Journal of Ophthalmology, 2022, 11, 14-19.	0.0	0
904	Corneal absorption spectra in the deep UV range. Journal of Biomedical Optics, 2022, 27, .	1.4	1
909	Corneal Physiology: Corneal Form and Function. , 2022, , 31-103.		0
910	A Prospective, Randomized, Double-Masked Controlled Clinical Trial of Postoperative Pain after Transepithelial Photorefractive Keratectomy (Trans-PRK). Journal of Healthcare Engineering, 2022, 2022, 1-6.	1.1	2
911	Laser technology (excimer and femto). , 2012, , 154-158.		0
912	Clinical outcomes of single-step transepithelial photorefractive keratectomy and off-flap epipolis-laser in situ keratomileusis in moderate to high myopia: 12-month follow-up. BMC Ophthalmology, 2022, 22, .	0.6	0
915	The Modern Technologies of Refractive Lenticular Extraction: Comparative Analysis of Clinical and Functional Results. Oftalmologiya, 2022, 19, 291-298.	0.2	0
916	Introductory Chapter: Refractive Surgery. , 0, , .		0
917	First Clinical Results of a New Generation of Ablative Solid-State Lasers. Journal of Clinical Medicine, 2023, 12, 731.	1.0	2
918	Refractive and Therapeutic Corneal Surgery. , 2022, , 143-173.		0

#	ARTICLE	IF	CITATIONS
919	Refraktive und therapeutische Hornhautchirurgie. , 2022, , 129-164.		0
920	STATIS multivariate three-way method for evaluating quality of life after corneal surgery: Methodology and case study in Costa Rica. Mathematical Biosciences and Engineering, 2023, 20, 6110-6133.	1.0	0
921	The Most Cited Articles and Authors in Refractive Surgery. Journal of Refractive Surgery, 2023, 39, 78-88.	1.1	1
922	Measurement of Local Refractive Error. , 1991, , .		0
923	Corneal Analysis with a Rectilinear Photokeratoscope. , 1992, , .		1
924	Basics of Laser Use in Ophthalmology. , 2023, , 29-35.		0
928	Laser Surface Ablation Procedures. Current Practices in Ophthalmology, 2023, , 123-134.	0.1	0
932	Excimer-PTK bei Hornhautdystrophien. Springer Reference Medizin, 2023, , 1-5.	0.0	0