

# Mark Packer

## List of Publications by Citations

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134  
papers

3,012  
citations

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h-index

53  
g-index

191  
ext. papers

3,446  
ext. citations

3.1  
avg, IF

5.39  
L-index

#	Paper	IF	Citations
134	Two-Year COMPASS Trial Results: Supraciliary Microstenting with Phacoemulsification in Patients with Open-Angle Glaucoma and Cataracts. <i>Ophthalmology</i> , <b>2016</b> , 123, 2103-12	7.3	145
133	Prospective Randomized Trial of an Anterior Surface Modified Prolate Intraocular Lens. <i>Journal of Refractive Surgery</i> , <b>2002</b> , 18, 692-696	3.3	129
132	Complications of sulcus placement of single-piece acrylic intraocular lenses: recommendations for backup IOL implantation following posterior capsule rupture. <i>Journal of Cataract and Refractive Surgery</i> , <b>2009</b> , 35, 1445-58	2.3	126
131	Prophylaxis of postoperative endophthalmitis after cataract surgery: results of the 2007 ASCRS member survey. <i>Journal of Cataract and Refractive Surgery</i> , <b>2007</b> , 33, 1801-5	2.3	125
130	Scleral fixation without conjunctival dissection. <i>Journal of Cataract and Refractive Surgery</i> , <b>2006</b> , 32, 1907-12	2.3	115
129	Improved functional vision with a modified prolate intraocular lens. <i>Journal of Cataract and Refractive Surgery</i> , <b>2004</b> , 30, 986-92	2.3	113
128	Immersion A-scan compared with partial coherence interferometry: outcomes analysis. <i>Journal of Cataract and Refractive Surgery</i> , <b>2002</b> , 28, 239-42	2.3	107
127	Meta-analysis and review: effectiveness, safety, and central port design of the intraocular collamer lens. <i>Clinical Ophthalmology</i> , <b>2016</b> , 10, 1059-77	2.5	101
126	Profile of clear corneal cataract incisions demonstrated by ocular coherence tomography. <i>Journal of Cataract and Refractive Surgery</i> , <b>2007</b> , 33, 94-7	2.3	95
125	Clinical evaluation of the Crystalens AT-45 accommodating intraocular lens: results of the U.S. Food and Drug Administration clinical trial. <i>Journal of Cataract and Refractive Surgery</i> , <b>2006</b> , 32, 812-25	2.3	92
124	ASCRS White Paper: clinical review of intraoperative floppy-iris syndrome. <i>Journal of Cataract and Refractive Surgery</i> , <b>2008</b> , 34, 2153-62	2.3	88
123	Use of power modulations in phacoemulsification. Choo-choo chop and flip phacoemulsification. <i>Journal of Cataract and Refractive Surgery</i> , <b>2001</b> , 27, 188-97	2.3	75
122	Power modulations in new phacoemulsification technology: improved outcomes. <i>Journal of Cataract and Refractive Surgery</i> , <b>2004</b> , 30, 1014-9	2.3	71
121	Prevention, diagnosis, and management of acute postoperative bacterial endophthalmitis. <i>Journal of Cataract and Refractive Surgery</i> , <b>2011</b> , 37, 1699-714	2.3	67
120	Evaluation of the aspheric Tecnis multifocal intraocular lens: one-year results from the first cohort of the food and drug administration clinical trial. <i>American Journal of Ophthalmology</i> , <b>2010</b> , 149, 577-584	4.9	66
119	New phacoemulsification technology. <i>Current Opinion in Ophthalmology</i> , <b>2005</b> , 16, 38-43	5.1	66
118	The physics of phaco: a review. <i>Journal of Cataract and Refractive Surgery</i> , <b>2005</b> , 31, 424-31	2.3	65

117	Clinical experience with intraoperative floppy-iris syndrome. Results of the 2008 ASCRS member survey. <i>Journal of Cataract and Refractive Surgery</i> , <b>2008</b> , 34, 1201-9	2.3	60
116	The Implantable Collamer Lens with a central port: review of the literature. <i>Clinical Ophthalmology</i> , <b>2018</b> , 12, 2427-2438	2.5	58
115	Refractive lens exchange with the array multifocal intraocular lens. <i>Journal of Cataract and Refractive Surgery</i> , <b>2002</b> , 28, 421-4	2.3	55
114	Aspheric intraocular lens selection based on corneal wavefront. <i>Journal of Refractive Surgery</i> , <b>2009</b> , 25, 12-20	3.3	55
113	Office-Based Cataract Surgery: Population Health Outcomes Study of More than 21 000 Cases in the United States. <i>Ophthalmology</i> , <b>2016</b> , 123, 723-8	7.3	54
112	New phacoemulsification technologies. <i>Journal of Cataract and Refractive Surgery</i> , <b>2002</b> , 28, 1054-60	2.3	54
111	Effect of intraoperative aberrometry on the rate of postoperative enhancement: retrospective study. <i>Journal of Cataract and Refractive Surgery</i> , <b>2010</b> , 36, 747-55	2.3	49
110	Intraocular pressure during phacoemulsification. <i>Journal of Cataract and Refractive Surgery</i> , <b>2006</b> , 32, 301-8	2.3	48
109	Wavefront technology in cataract surgery. <i>Current Opinion in Ophthalmology</i> , <b>2004</b> , 15, 56-60	5.1	45
108	Prospective randomized trial of an anterior surface modified prolate intraocular lens. <i>Journal of Refractive Surgery</i> , <b>2002</b> , 18, 692-6	3.3	45
107	Incidence and outcomes of lasik with diffuse lamellar keratitis treated with topical and oral corticosteroids. <i>Journal of Cataract and Refractive Surgery</i> , <b>2003</b> , 29, 451-6	2.3	42
106	Scleral fixation using suture retrieval through a scleral tunnel. <i>Journal of Cataract and Refractive Surgery</i> , <b>2006</b> , 32, 1259-63	2.3	41
105	Management of posterior polar cataract. <i>Journal of Cataract and Refractive Surgery</i> , <b>2003</b> , 29, 16-9	2.3	41
104	Optimizing refractive lens exchange with bimanual microincision phacoemulsification. <i>Journal of Cataract and Refractive Surgery</i> , <b>2004</b> , 30, 550-4	2.3	41
103	Incidence of acute postoperative cystoid macular edema in clinical practice. <i>Journal of Cataract and Refractive Surgery</i> , <b>2012</b> , 38, 2108-11	2.3	39
102	A prospective multicenter clinical trial to evaluate the safety and effectiveness of the implantable miniature telescope. <i>American Journal of Ophthalmology</i> , <b>2004</b> , 137, 993-1001	4.9	39
101	Little capsulorhexis tear-out rescue. <i>Journal of Cataract and Refractive Surgery</i> , <b>2006</b> , 32, 1420-2	2.3	34
100	Defining the ideal femtosecond laser capsulotomy. <i>British Journal of Ophthalmology</i> , <b>2015</b> , 99, 1137-42	5.5	30

99	Intraocular lens power calculation after incisional and thermal keratorefractive surgery. <i>Journal of Cataract and Refractive Surgery</i> , <b>2004</b> , 30, 1430-4	2.3	30
98	Stabilization of flat anterior chamber after trabeculectomy with Healon5. <i>Journal of Cataract and Refractive Surgery</i> , <b>2002</b> , 28, 712-4	2.3	30
97	Bilateral nongranulomatous anterior uveitis associated with bimatoprost. <i>Journal of Cataract and Refractive Surgery</i> , <b>2003</b> , 29, 2242-3	2.3	29
96	Safety and effectiveness of a glistening-free single-piece hydrophobic acrylic intraocular lens (enVista). <i>Clinical Ophthalmology</i> , <b>2013</b> , 7, 1905-12	2.5	26
95	Clinical properties of a novel, glistening-free, single-piece, hydrophobic acrylic IOL. <i>Clinical Ophthalmology</i> , <b>2014</b> , 8, 421-7	2.5	24
94	Suture fixation of a foldable acrylic intraocular lens for ectopia lentis. <i>Journal of Cataract and Refractive Surgery</i> , <b>2002</b> , 28, 182-5	2.3	24
93	Endophthalmitis Prophylaxis in Cataract Surgery: Overview of Current Practice Patterns Around the World. <i>Current Pharmaceutical Design</i> , <b>2017</b> , 23, 565-573	3.3	24
92	Refractive lens exchange with a multifocal intraocular lens. <i>Current Opinion in Ophthalmology</i> , <b>2003</b> , 14, 24-30	5.1	22
91	Surgical glove-associated diffuse lamellar keratitis. <i>Cornea</i> , <b>2005</b> , 24, 699-704	3.1	22
90	Continuation of anticoagulant and antiplatelet therapy during phacoemulsification cataract surgery. <i>Current Opinion in Ophthalmology</i> , <b>2015</b> , 26, 28-33	5.1	21
89	Post-laser assisted in situ keratomileusis epithelial ingrowth and its relation to pretreatment refractive error. <i>Cornea</i> , <b>2011</b> , 30, 550-2	3.1	21
88	Refractive lens exchange as a refractive surgery modality. <i>Current Opinion in Ophthalmology</i> , <b>2004</b> , 15, 22-8	5.1	21
87	Comparison of sonic and ultrasonic phacoemulsification using the Staar Sonic Wave system. <i>Journal of Cataract and Refractive Surgery</i> , <b>2002</b> , 28, 1581-4	2.3	16
86	Effectiveness of intraocular pressure-lowering medication determined by washout. <i>JAMA Ophthalmology</i> , <b>2014</b> , 132, 390-5	3.9	14
85	Retained IOL fragment and corneal decompensation after pseudophakic IOL exchange. <i>Journal of Cataract and Refractive Surgery</i> , <b>2004</b> , 30, 1362-5	2.3	14
84	Clear-lens extraction with multifocal lens implantation. <i>International Ophthalmology Clinics</i> , <b>2001</b> , 41, 113-21	1.7	11
83	Wearable technology with head-mounted displays and visual function. <i>JAMA - Journal of the American Medical Association</i> , <b>2014</b> , 312, 1799-801	27.4	10
82	Functional vision, contrast sensitivity, and optical aberrations. <i>International Ophthalmology Clinics</i> , <b>2003</b> , 43, 1-3	1.7	10

81	Femtosecond laser-assisted arcuate keratotomy at the time of cataract surgery for the management of preexisting astigmatism. <i>Journal of Cataract and Refractive Surgery</i> , <b>2019</b> , 45, 1762-1769 <sup>2,3</sup>	9
80	Persistent interface fluid syndrome. <i>Journal of Cataract and Refractive Surgery</i> , <b>2008</b> , 34, 1405-8	2.3 8
79	Functional vision, wavefront sensing, and cataract surgery. <i>International Ophthalmology Clinics</i> , <b>2003</b> , 43, 79-91	1.7 8
78	Comparison of Wound Sealability Between Femtosecond Laser-Constructed and Manual Clear Corneal Incisions in Patients Undergoing Cataract Surgery: A Pilot Study. <i>Journal of Refractive Surgery</i> , <b>2017</b> , 33, 744-748	3.3 7
77	Pharmacodynamic profile of mydriatic agents delivered by ocular piezo-ejection microdosing compared with conventional eyedropper. <i>Therapeutic Delivery</i> , <b>2016</b> , 7, 751-760	3.8 7
76	Refractive lens exchange. <i>International Ophthalmology Clinics</i> , <b>2006</b> , 46, 63-82	1.7 7
75	Contrast sensitivity and laser in situ keratomileusis. <i>International Ophthalmology Clinics</i> , <b>2003</b> , 43, 93-100	1.7 7
74	Ophthalmology's botanical heritage. <i>Survey of Ophthalmology</i> , <b>1992</b> , 36, 357-65	6.1 7
73	Femtosecond laser-assisted capsulotomy with capsular marks for toric IOL alignment: Comparison of tensile strength with standard femtosecond laser capsulotomy. <i>Journal of Cataract and Refractive Surgery</i> , <b>2019</b> , 45, 1177-1182	2.3 6
72	Range of drugs associated with IFIS. <i>Journal of Cataract and Refractive Surgery</i> , <b>2009</b> , 35, 202	2.3 6
71	Refractive lens surgery. <i>Ophthalmology Clinics of North America</i> , <b>2006</b> , 19, 77-88, vi	6
70	Prospective multicenter clinical trial to evaluate the safety and effectiveness of a new glistening-free one-piece acrylic toric intraocular lens. <i>Clinical Ophthalmology</i> , <b>2018</b> , 12, 1031-1039	2.5 6
69	Contrast sensitivity and measuring cataract outcomes. <i>Ophthalmology Clinics of North America</i> , <b>2006</b> , 19, 521-33	6
68	Primary anterior chamber intraocular lens for the treatment of severe crystalline lens subluxation. <i>Journal of Cataract and Refractive Surgery</i> , <b>2009</b> , 35, 1821-5	2.3 4
67	Prevention of posterior segment complications of phacoemulsification. <i>Ophthalmology Clinics of North America</i> , <b>2001</b> , 14, 581-93	4
66	Refractive Lens Exchange: The Quadruple Win and Current Perspectives. <i>Journal of Refractive Surgery</i> , <b>2007</b> , 23, 819-824	3.3 4
65	enVista hydrophobic acrylic intraocular lens: glistening free. <i>Expert Review of Ophthalmology</i> , <b>2015</b> , 10, 415-420	1.5 3
64	Enhancements After Premium IOL Cataract Surgery: Tips, Tricks, and Outcomes. <i>Current Ophthalmology Reports</i> , <b>2014</b> , 2, 34-40	1.8 3

63	Improved precision with the millimeter caliper for limbal relaxing incisions. <i>Journal of Cataract and Refractive Surgery</i> , <b>2005</b> , 31, 1671-2	2.3	3
62	Refractive Lens Exchange with a Multifocal Intraocular Lens <b>2003</b> , 249-258		3
61	Performance and Safety of the Extended Depth of Focus Implantable Collamer Lens (EDOF ICL) in Phakic Subjects with Presbyopia. <i>Clinical Ophthalmology</i> , <b>2020</b> , 14, 2717-2730	2.5	3
60	Bimanual Ultrasound Phacoemulsification <b>2005</b> , 193-197		3
59	Refractive Lens Exchange in High Myopia: Weighing the Risks <b>2005</b> , 233-235		3
58	Impact of crystalline lens opacification on effective phacoemulsification time in femtosecond laser-assisted cataract surgery. <i>American Journal of Ophthalmology</i> , <b>2014</b> , 157, 1323-4	4.9	2
57	Multifocal intraocular lens technology: biomaterial, optical design and review of clinical outcomes. <i>Expert Review of Ophthalmology</i> , <b>2011</b> , 6, 437-448	1.5	2
56	Do you know your patient's goal?. <i>Current Opinion in Ophthalmology</i> , <b>2009</b> , 20, 1-2	5.1	2
55	Contrast sensitivity and aging. <i>Ophthalmology</i> , <b>2007</b> , 114, 1589; author reply 1589-90	7.3	2
54	Testing and reporting contrast sensitivity. <i>Journal of Cataract and Refractive Surgery</i> , <b>2007</b> , 33, 359-60; author reply 360-61	2.3	2
53	Aberrations after intraocular lens implantation. <i>Journal of Cataract and Refractive Surgery</i> , <b>2006</b> , 32, 184-5; author reply 185-6	2.3	2
52	Timing of CTR implantation. <i>Journal of Cataract and Refractive Surgery</i> , <b>2006</b> , 32, 1075	2.3	2
51	Bimanual bipolar diathermy for recurrent hyphema after anterior segment intraocular surgery. <i>Journal of Cataract and Refractive Surgery</i> , <b>2004</b> , 30, 2017-20	2.3	2
50	Query regarding rate of complications with Implantable Collamer Lens. <i>Journal of Current Ophthalmology</i> , <b>2019</b> , 31, 113	2	1
49	Anticoagulant and antiplatelet therapy during ocular surgery. <i>British Journal of Ophthalmology</i> , <b>2014</b> , 98, 1137-8	5.5	1
48	Minimally invasive external mini-glaucoma shunt implantation without conjunctival dissection. <i>Journal of Glaucoma</i> , <b>2014</b> , 23, 254-7	2.1	1
47	Depth of focus. <i>Ophthalmology</i> , <b>2008</b> , 115, 1438-9; author reply 1439-40	7.3	1
46	Are 3 diopters of accommodation adequate for accommodating IOLs?. <i>Journal of Cataract and Refractive Surgery</i> , <b>2004</b> , 30, 2457; author reply 2457	2.3	1

45	The Staar Wave. <i>Developments in Ophthalmology</i> , <b>2002</b> , 34, 32-40	1
44	The Crystalline Lens as a Target for Refractive Surgery <b>2005</b> , 1-2	1
43	Complications of Radial Keratotomy and Conductive Keratoplasty <b>2008</b> , 285-296	1
42	Biaxial Microincision Phacoemulsification for Difficult and Challenging Cases <b>2010</b> , 163-174	1
41	MICS with Different Platforms: Stellaris Vision Enhancement System <b>2010</b> , 89-94	1
40	Biometry for Refractive Lens Surgery <b>2005</b> , 11-20	1
39	Surgical Techniques for Small Incision Cataract Surgery <b>2005</b> , 19-36	0
38	Reply. <i>Ophthalmology</i> , <b>2017</b> , 124, e12	7.3
37	Report of "Glistenings" Does Not Correspond With the Definition of Glistenings. <i>Journal of Refractive Surgery</i> , <b>2017</b> , 33, 211	3.3
36	Reply : Role of adequate wound closure in preventing acute postoperative bacterial endophthalmitis. <i>Journal of Cataract and Refractive Surgery</i> , <b>2012</b> , 38, 1302	2.3
35	Evolution of Cataract Surgery <b>2013</b> , 1-8	
34	An Expanded View of the Challenge of Small Pupils. <i>Techniques in Ophthalmology</i> , <b>2009</b> , 7, 110-114	
33	Cataract surgery and spectacle independence. <i>Annals of Ophthalmology</i> , <b>2007</b> , 39, 3-8	
32	Customized aspheric intraocular lens selection: the evolution of refractive cataract surgery. <i>Expert Review of Ophthalmology</i> , <b>2007</b> , 2, 727-731	1.5
31	February Consultation # 2. <i>Journal of Cataract and Refractive Surgery</i> , <b>2007</b> , 33, 178-181	2.3
30	Reply : Scleral fixation without conjunctival dissection. <i>Journal of Cataract and Refractive Surgery</i> , <b>2007</b> , 33, 757	2.3
29	Reply : Optical coherence tomography, not Bcular coherence tomography. <i>Journal of Cataract and Refractive Surgery</i> , <b>2007</b> , 33, 1141	2.3
28	December Consultation # 5. <i>Journal of Cataract and Refractive Surgery</i> , <b>2007</b> , 33, 2015-2016	2.3

- 27 Refractive Lens Exchange as a Refractive Surgery Modality **2005**, 3-10
- 26 Cataract surgical problem: Reply 8. *Journal of Cataract and Refractive Surgery*, **2002**, 28, 585-586 2.3
- 25 The Tecnis Multifocal IOL **2005**, 145-150
- 24 The Light-Adjustable Lens **2005**, 161-171
- 23 The Infiniti Vision System **2005**, 209-212
- 22 The Millennium **2005**, 213-220
- 21 The Staar Sonic Wave **2005**, 221-226
- 20 AMO Sovereign with WhiteStar Technology **2005**, 227-231
- 19 Conclusion: The Future of Refractive Lens Surgery **2005**, 237-237
- 18 Wavefront Technology of Spherical Aberration **2005**, 79-85
- 17 Pseudoaccommodative and Accommodative IOLs **2006**, 127-141
- 16 Letter | Journal of Cataract & Refractive Surgery - Volume 30, Issue 11. *Journal of Cataract and Refractive Surgery*, **2004**, 30, 2248-2250 2.3
- 15 Accuracy and safety of partial thickness femtosecond laser radial and arcuate keratotomy incisions in porcine eyes. *Eye and Vision (London, England)*, **2021**, 8, 41 4.9
- 14 Image-guided Femtosecond Laser Capsular Marks for Toric Intraocular Lens Alignment in the Refractive Capsulorhexis. *US Ophthalmic Review*, **2019**, 12, 60 0.3
- 13 Comment on "A case of hypermature cataract formation following implantation of an implantable collamer lens with an Aquaport". *International Journal of Ophthalmology*, **2019**, 12, 178 1.4
- 12 Microincision Intraocular Lenses: Others **2010**, 263-276
- 11 Incisions **2010**, 108-116
- 10 Evolution of Ultrasound Pumps and Fluidics and Ultrasound Power: From Standard Coaxial Towards the Minimal Incision Possible in Cataract Surgery **2010**, 37-49



9 Special Lenses: Aspheric **2010**, 249-256

8 Pupil Dilation and Preoperative Preparation **2010**, 99-108

7 Biaxial Microincision Phacoemulsification: Transition, Techniques, and Advantages **2010**, 144-149

6 Coaxial Microincision Cataract Surgery Utilizing Non-Linear Ultrasonic Power: An Alternative to Bimanual Microincision Cataract Surgery **2010**, 51-56

5 Capsulorhexis **2010**, 133-135

4 Minimally Invasive Cataract Surgery **2010**, 197-216

3 Hydrodissection and Hydrodelineation **2010**, 135-139

2 Surgical Technique [How to Perform a Smooth Transition **2010**, 95-99

1 Nucleus disassembly **2012**, 56-65