Jack T Holladay

List of Publications by Year
in descending order

84 papers	6,613 citations	136885 32 h-index	66879 78 g-index
84 all docs	84 docs citations	84 times ranked	3350 citing authors

#	Article	IF	Citations
1	Total Keratometric Power (TKP) versus Total Corneal Power (TCP). Journal of Cataract and Refractive Surgery, 2022, Publish Ahead of Print, .	0.7	2
2	Astigmatism analysis and reporting of surgically induced astigmatism and prediction error. Journal of Cataract and Refractive Surgery, 2022, 48, 799-812.	0.7	16
3	Rethinking the optimal methods for vector analysis of astigmatism. Journal of Cataract and Refractive Surgery, 2021, 47, 100-105.	0.7	10
4	Review and recommendations for univariate statistical analysis of spherical equivalent prediction error for IOL power calculations. Journal of Cataract and Refractive Surgery, 2021, 47, 65-77.	0.7	59
5	Re: Hoffer etÂal.: Update on intraocular lens power calculation study protocols: the better way to design and report clinical trials (Ophthalmology. 2020; Jul 9 [Epub ahead of print]). Ophthalmology, 2021, 128, e20.	2.5	2
6	Effect of Cyclosporine 0.09% Treatment on Accuracy of Preoperative Biometry and Higher Order Aberrations in Dry Eye Patients Undergoing Cataract Surgery. Clinical Ophthalmology, 2021, Volume 15, 3679-3686.	0.9	12
7	The optics of the human eye at 8.6ÂÂµm resolution. Scientific Reports, 2021, 11, 23334.	1.6	13
8	The Effect of Lifitegrast on Refractive Accuracy and Symptoms in Dry Eye Patients Undergoing Cataract Surgery . Clinical Ophthalmology, 2020, Volume 14, 2709-2716.	0.9	20
9	Residual astigmatism with toric intraocular lens misalignment. Journal of Cataract and Refractive Surgery, 2020, 46, 1208-1209.	0.7	8
10	Calculation of total surgically induced astigmatism with a toric intraocular lens. Journal of Cataract and Refractive Surgery, 2020, 46, 793-794.	0.7	4
11	Apparent chord mu and actual chord mu and their clinical value. Journal of Cataract and Refractive Surgery, 2019, 45, 1198-1199.	0.7	20
12	Reply. Journal of Cataract and Refractive Surgery, 2019, 45, 1210-1211.	0.7	0
13	Reply. Journal of Cataract and Refractive Surgery, 2019, 45, 255-256.	0.7	1
14	Improving toric intraocular lens calculations using total surgically induced astigmatism for a 2.5 mm temporal incision. Journal of Cataract and Refractive Surgery, 2019, 45, 272-283.	0.7	30
15	Accuracy of Intraocular Lens Calculation Formulas. Ophthalmology, 2018, 125, 169-178.	2.5	410
16	Improved Accuracy With a Vergence-Based Online Toric Intraocular Lens Back-calculator. Journal of Refractive Surgery, 2018, 34, 639-639.	1.1	1
17	Pursuing perfection in intraocular lens calculations. Journal of Cataract and Refractive Surgery, 2018, 44, 1169-1174.	0.7	125
18	Reply. Ophthalmology, 2018, 125, e40-e41.	2.5	0

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19	Special Report: American Academy of Ophthalmology Task Force Recommendations for Test Methods to Assess Accommodation Produced by Intraocular Lenses. Ophthalmology, 2017, 124, 134-139.	2.5	18
20	Negative dysphotopsia: Causes and rationale for prevention and treatment. Journal of Cataract and Refractive Surgery, 2017, 43, 263-275.	0.7	71
21	Reply. Ophthalmology, 2017, 124, e67.	2.5	0
22	Special Report: American Academy of Ophthalmology Task Force Recommendations for Specular Microscopy for Phakic Intraocular Lenses. Ophthalmology, 2017, 124, 141-142.	2.5	30
23	Special Report: American Academy of Ophthalmology Task Force Consensus Statement for Extended Depth of Focus Intraocular Lenses. Ophthalmology, 2017, 124, 139-141.	2.5	100
24	Special Report: American Academy of Ophthalmology Task Force Summary Statement for Measurement of Tilt, Decentration, and Chord Length. Ophthalmology, 2017, 124, 144-146.	2.5	10
25	Special Report: The American Academy of Ophthalmology Task Force for Developing Novel End Points for Premium Intraocular Lenses Introduction. Ophthalmology, 2017, 124, 133-134.	2.5	5
26	Special Report: The American Academy of Ophthalmology Task Force Consensus Statement on Adverse Events with Intraocular Lenses. Ophthalmology, 2017, 124, 142-144.	2.5	6
27	Intraocular lens calculations using the Holladay toric calculator. Journal of Cataract and Refractive Surgery, 2016, 42, 1694-1695.	0.7	2
28	Re: Wang etÂal.: Comparison of newer intraocular lens power calculation methods for eyes after corneal refractive surgery (Ophthalmology 2015;122:2443-9). Ophthalmology, 2016, 123, e55-e56.	2.5	3
29	The Intersection of Optics and Neuro-Ophthalmology. Journal of Neuro-Ophthalmology, 2015, 35, 109-111.	0.4	4
30	Interpretation of doubled-angle plots. Journal of Cataract and Refractive Surgery, 2013, 39, 1627-1628.	0.7	1
31	July consultation #5. Journal of Cataract and Refractive Surgery, 2013, 39, 1125-1126.	0.7	2
32	Reply: Etiology of negative dysphotopsia. Journal of Cataract and Refractive Surgery, 2013, 39, 486e1-486e4.	0.7	7
33	Exact Toric Intraocular Lens Calculations Using Currently Available Lens Constants. JAMA Ophthalmology, 2012, 130, 946.	2.6	8
34	Negative dysphotopsia: The enigmatic penumbra. Journal of Cataract and Refractive Surgery, 2012, 38, 1251-1265.	0.7	78
35	Calculating equivalent K readings. Journal of Cataract and Refractive Surgery, 2011, 37, 1738.	0.7	0
36	Accuracy of Scheimpflug Holladay equivalent keratometry readings after corneal refractive surgery. Journal of Cataract and Refractive Surgery, 2010, 36, 182-183.	0.7	7

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37	Keratoconus Detection Using Corneal Topography. Journal of Refractive Surgery, 2009, 25, S958-62.	1.1	60
38	Corneal Power Measurements Using Scheimpflug Imaging in Eyes With Prior Corneal Refractive Surgery. Journal of Refractive Surgery, 2009, 25, 862-868.	1.1	89
39	Intraocular Lens Power Calculations: Correction of Defocus. , 2005, , 21-38.		2
40	Night vision complaints after LASIK. Ophthalmology, 2004, 111, 1620-1621.	2.5	8
41	International Intraocular Lens & Implant Registry 2004. Journal of Cataract and Refractive Surgery, 2004, 30, 207-229.	0.7	3
42	Visual acuity measurements. Journal of Cataract and Refractive Surgery, 2004, 30, 287-290.	0.7	535
43	Corneal refractive power after myopic LASIK. Ophthalmology, 2003, 110, 1857.	2.5	3
44	International Intraocular Lens & Implant Registry 2003. Journal of Cataract and Refractive Surgery, 2003, 29, 176-197.	0.7	6
45	Optical Quality and Refractive Surgery. International Ophthalmology Clinics, 2003, 43, 119-136.	0.3	21
46	International Intraocular Lens & Implant Registry 2002. Journal of Cataract and Refractive Surgery, 2002, 28, 152-174.	0.7	3
47	Topographic changes in corneal asphericity and effective optical zone after laser in situ keratomileusis. Journal of Cataract and Refractive Surgery, 2002, 28, 942-947.	0.7	151
48	Refractive surgical problem: Reply. Journal of Cataract and Refractive Surgery, 2002, 28, 741.	0.7	0
49	A new intraocular lens design to reduce spherical aberration of pseudophakic eyes. Journal of Refractive Surgery, 2002, 18, 683-91.	1.1	167
50	Analysis of aggregate surgically induced refractive change, prediction error, and intraocular astigmatism. Journal of Cataract and Refractive Surgery, 2001, 27, 61-79.	0.7	285
51	International Intraocular Lens & Implant Registry. Journal of Cataract and Refractive Surgery, 2001, 27, 143-164.	0.7	1
52	Comparison of changes in manifest refraction and corneal power after photorefractive keratectomy. American Journal of Ophthalmology, 2000, 129, 68-75.	1.7	87
53	Ultrasonographic measurement of induced myopia associated with capsular bag distention syndrome. Ophthalmology, 2000, 107, 902-908.	2.5	37
54	Intraocular lens power calculations in patients with extreme myopia. Journal of Cataract and Refractive Surgery, 2000, 26, 668-674.	0.7	95

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55	International Intraocular Lens & Implant Registry 2000. Journal of Cataract and Refractive Surgery, 2000, 26, 118-134.	0.7	3
56	Functional vision and corneal changes after laser in situ keratomileusis determined by contrast sensitivity, glare testing, and corneal topography. Journal of Cataract and Refractive Surgery, 1999, 25, 663-669.	0.7	271
57	Evaluation of relationships among refractive and topographic parameters. Journal of Cataract and Refractive Surgery, 1999, 25, 814-820.	0.7	51
58	Analysis of edge glare phenomena in intraocular lens edge designs. Journal of Cataract and Refractive Surgery, 1999, 25, 748-752.	0.7	132
59	International intraocular lens registry. Journal of Cataract and Refractive Surgery, 1999, 25, 128-136.	0.7	1
60	Relationship of the actual thick intraocular lens optic to the thin lens equivalent. American Journal of Ophthalmology, 1998, 126, 339-347.	1.7	42
61	Evaluating and reporting astigmatism for individual and aggregate data. Journal of Cataract and Refractive Surgery, 1998, 24, 57-65.	0.7	168
62	Corneal topography using the Holladay Diagnostic Summary. Journal of Cataract and Refractive Surgery, 1997, 23, 209-221.	0.7	102
63	Standardizing constants for ultrasonic biometry, keratometry, and intraocular lens power calculations. Journal of Cataract and Refractive Surgery, 1997, 23, 1356-1370.	0.7	225
64	Near vision contrast sensitivity after photorefractive keratectomy. Journal of Cataract and Refractive Surgery, 1997, 23, 192-195.	0.7	12
65	Proper Method for Calculating Average Visual Acuity. Journal of Refractive Surgery, 1997, 13, 388-391.	1.1	925
66	Corneal optical irregularity after excimer laser photorefractive keratectomy. Journal of Cataract and Refractive Surgery, 1996, 22, 197-204.	0.7	57
67	Achieving Emmetropia in Extremely Short Eyes with Two Piggyback Posterior Chamber Intraocular Lenses. Ophthalmology, 1996, 103, 1118-1123.	2.5	163
68	Refractive Power Calculations for Intraocular Lenses in the Phakic Eye. American Journal of Ophthalmology, 1993, 116, 63-66.	1.7	119
69	Accurate Ultrasonic Biometry in Pseudophakia. American Journal of Ophthalmology, 1993, 115, 536-537.	1.7	22
70	Intraocular Lens Power Calculations for Multifocal Intraocular Lenses. American Journal of Ophthalmology, 1992, 114, 405-408.	1.7	17
71	Calculating the surgically induced refractive change following ocular surgery. Journal of Cataract and Refractive Surgery, 1992, 18, 429-443.	0.7	281
72	Mean Visual Acuity. American Journal of Ophthalmology, 1991, 111, 372-374.	1.7	279

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73	The Relationship of Visual Acuity, Refractive Error, and Pupil Size After Radial Keratotomy. JAMA Ophthalmology, 1991, 109, 70.	2.6	158
74	Snellen Equivalent for the Bailey-Lovie Acuity Chart. JAMA Ophthalmology, 1989, 107, 955.	2.6	8
75	Silicone Intraocular Lens Power vs Temperature. American Journal of Ophthalmology, 1989, 107, 428-429.	1.7	11
76	Congenital Idiopathic Microcoria. American Journal of Ophthalmology, 1989, 107, 439.	1.7	4
77	Accurate Ultrasonic Biometry in Pseudophakia. American Journal of Ophthalmology, 1989, 107, 189-190.	1.7	27
78	Avoiding refractive problems in cataract surgery. Survey of Ophthalmology, 1988, 32, 357-360.	1.7	14
79	Silicone intraocular lens resolution in air and in water. Journal of Cataract and Refractive Surgery, 1988, 14, 657-659.	0.7	22
80	A three-part system for refining intraocular lens power calculations. Journal of Cataract and Refractive Surgery, 1988, 14, 17-24.	0.7	699
81	Intraocular lens resolution in air and water. Journal of Cataract and Refractive Surgery, 1987, 13, 511-517.	0.7	30
82	Evaluating the intraocular lens optic. Survey of Ophthalmology, 1986, 30, 385-390.	1.7	69
83	Diagnosis and treatment of mysterious light streaks seen by patients following extracapsular cataract extraction. Journal - American Intra-Ocular Implant Society, 1985, 11, 21-23.	0.5	29
84	The optimal size of a posterior capsulotomy. Journal - American Intra-Ocular Implant Society, 1985, 11, 18-20.	0.5	34