

Sonia H Yoo

List of Publications by Year in descending order

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53
papers

1,092
citations

471509

17
h-index

414414

32
g-index

53
all docs

53
docs citations

53
times ranked

1147
citing authors

#	ARTICLE	IF	CITATIONS
1	Intraoperative Refractive Biometry for Predicting Intraocular Lens Power Calculation after Prior Myopic Refractive Surgery. <i>Ophthalmology</i> , 2014, 121, 56-60.	5.2	117
2	Use of Ultra-High-Resolution Optical Coherence Tomography to Detect In Vivo Characteristics of Descemet's Membrane in Fuchs' Dystrophy. <i>Ophthalmology</i> , 2010, 117, 1220-1227.	5.2	104
3	Assessment of Rose Bengal Versus Riboflavin Photodynamic Therapy for Inhibition of Fungal Keratitis Isolates. <i>American Journal of Ophthalmology</i> , 2014, 158, 64-70.e2.	3.3	91
4	One-Year Results and Anterior Segment Optical Coherence Tomography Findings of Descemet Stripping Automated Endothelial Keratoplasty Combined With Phacoemulsification. <i>JAMA Ophthalmology</i> , 2008, 126, 1052.	2.4	83
5	Donor, Recipient, and Operative Factors Associated with Graft Success in the Cornea Preservation Time Study. <i>Ophthalmology</i> , 2018, 125, 1700-1709.	5.2	73
6	The Use of Bowman's Layer Vertical Topographic Thickness Map in the Diagnosis of Keratoconus. <i>Ophthalmology</i> , 2014, 121, 988-993.	5.2	57
7	Corneal stromal elasticity and viscoelasticity assessed by atomic force microscopy after different cross linking protocols. <i>Experimental Eye Research</i> , 2015, 138, 1-5.	2.6	44
8	Operating times of experienced cataract surgeons beginning femtosecond laser-assisted cataract surgery. <i>Journal of Cataract and Refractive Surgery</i> , 2014, 40, 1773-1776.	1.5	35
9	Iontophoresis for the Treatment of Paecilomyces Keratitis. <i>Cornea</i> , 2002, 21, 131-132.	1.7	32
10	Comparison of surgically induced astigmatism between femtosecond laser and manual clear corneal incisions for cataract surgery. <i>Journal of Cataract and Refractive Surgery</i> , 2015, 41, 2075-2080.	1.5	30
11	Quantification of the ciliary muscle and crystalline lens interaction during accommodation with synchronous OCT imaging. <i>Biomedical Optics Express</i> , 2016, 7, 1351.	2.9	30
12	In Vivo Characteristics of Corneal Endothelium/Descemet Membrane Complex for the Diagnosis of Corneal Graft Rejection. <i>American Journal of Ophthalmology</i> , 2017, 178, 27-37.	3.3	27
13	Effects of Femtosecond Laser-Assisted Cataract Pretreatment on Pupil Diameter: A Comparison Between Three Laser Platforms. <i>Journal of Refractive Surgery</i> , 2016, 32, 84-88.	2.3	25
14	Femtosecond-assisted diagnostic corneal biopsy (FAB) in keratitis. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2008, 246, 759-762.	1.9	22
15	Candida Endophthalmitis After Descemet Stripping Automated Endothelial Keratoplasty With Grafts From Both Eyes of a Donor With Possible Systemic Candidiasis. <i>Cornea</i> , 2018, 37, 515-518.	1.7	22
16	Differences in energy expenditure for conventional and femtosecond-assisted cataract surgery using 2 different phacoemulsification systems. <i>Journal of Cataract and Refractive Surgery</i> , 2017, 43, 16-21.	1.5	21
17	In vivo measurement of the human crystalline lens equivalent refractive index using extended-depth OCT. <i>Biomedical Optics Express</i> , 2019, 10, 411.	2.9	20
18	Herpes Simplex Virus endothelitis following descemet's membrane endothelial keratoplasty. <i>Journal of Ophthalmic and Vision Research</i> , 2015, 10, 184.	1.0	20

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19	Corneal elasticity after oxygen enriched high intensity corneal cross linking assessed using atomic force microscopy. <i>Experimental Eye Research</i> , 2016, 153, 51-55.	2.6	18
20	Diagnostic Performance of 3-Dimensional Thickness of the Endotheliumâ€™Descemet Complex in Fuchsâ€™ Endothelial Cell Corneal Dystrophy. <i>Ophthalmology</i> , 2020, 127, 874-887.	5.2	15
21	Quality of corneal lamellar cuts quantified using atomic force microscopy. <i>Journal of Cataract and Refractive Surgery</i> , 2013, 39, 110-117.	1.5	14
22	Long Term Followup of Photorefractive Keratectomy with Adjuvant Use of Mitomycin C. <i>Journal of Ophthalmology</i> , 2014, 2014, 1-5.	1.3	14
23	Calculation of crystalline lens power using a modification of the Bennett method. <i>Biomedical Optics Express</i> , 2015, 6, 4501.	2.9	14
24	Grid pattern delivered to the cornea during femtosecond laserâ€™assisted cataract surgery. <i>Journal of Cataract and Refractive Surgery</i> , 2014, 40, 496-497.	1.5	13
25	Effects of Short-term Preoperative Topical Ketorolac on Pupil Diameter in Eyes Undergoing Femtosecond Laserâ€™Assisted Capsulotomy. <i>Journal of Refractive Surgery</i> , 2017, 33, 230-234.	2.3	12
26	Optical coherence tomography in cornea and refractive surgery. <i>Expert Review of Ophthalmology</i> , 2012, 7, 241-250.	0.6	11
27	Comparison of phacoemulsification parameters between manual and femtosecond laser-assisted cataract surgery. <i>Canadian Journal of Ophthalmology</i> , 2018, 53, 542-547.	0.7	11
28	Diagnostic Performance of Three-Dimensional Endothelium/Descemet Membrane Complex Thickness Maps in Active Corneal Graft Rejection. <i>American Journal of Ophthalmology</i> , 2020, 210, 48-58.	3.3	11
29	Endothelial Biopsy for the Diagnosis and Management of Culture-Negative Retrocorneal Fungal Keratitis With the Assistance of Optical Coherence Tomography Imaging. <i>Cornea</i> , 2021, 40, 1193-1196.	1.7	11
30	Calculation of Ophthalmic Viscoelastic Device-Induced Focus Shift During Femtosecond Laser-Assisted Cataract Surgery. <i>Investigative Ophthalmology and Visual Science</i> , 2015, 56, 1222-1227.	3.3	10
31	Variability of manual ciliary muscle segmentation in optical coherence tomography images. <i>Biomedical Optics Express</i> , 2018, 9, 791.	2.9	8
32	Vision Restoration. <i>Medical Clinics of North America</i> , 2021, 105, 445-454.	2.5	8
33	Femtosecond laser-assisted cataract surgery in a patient with posterior chamber phakic intraocular lens. <i>American Journal of Ophthalmology Case Reports</i> , 2016, 1, 11-12.	0.7	7
34	Long-Term Outcomes of Radial Keratotomy, Laser In Situ Keratomileusis, and Astigmatic Keratotomy Performed Consecutively over a Period of 21 Years. <i>Case Reports in Ophthalmological Medicine</i> , 2015, 2015, 1-4.	0.5	6
35	Long-term follow-up of epikeratophakia. <i>Journal of Cataract and Refractive Surgery</i> , 2015, 41, 670-673.	1.5	6
36	Assessment of eye length changes in accommodation using dynamic extended-depth OCT. <i>Biomedical Optics Express</i> , 2017, 8, 2709.	2.9	6

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37	The Effect of NSAID Pretreatment on Aqueous Humor Prostaglandin E ₂ Concentration in Eyes Undergoing Femtosecond Laser-Assisted Capsulotomy. <i>Journal of Ophthalmology</i> , 2018, 2018, 1-4.	1.3	6
38	Refractive Outcomes of Four-Point Scleral Fixation of Akreos AO60 Intraocular Lens Using Gore-Tex Suture. <i>Clinical Ophthalmology</i> , 2020, Volume 14, 4431-4437.	1.8	6
39	Bevacizumab in High-Risk Corneal Transplantation. <i>Ophthalmology</i> , 2022, 129, 865-879.	5.2	6
40	Contralateral-eye study of surface refractive treatments: Clinical and confocal microscopy evaluation. <i>Journal of Cataract and Refractive Surgery</i> , 2014, 40, 224-231.	1.5	5
41	In-vivo Three-dimensional Characteristics of Bowman's Layer and Endothelium/Descemet's Complex Using Corneal Microlayer Tomography in Healthy Subjects. <i>Current Eye Research</i> , 2020, 45, 659-667.	1.5	5
42	A New, Specular Reflection-Based, Precorneal Tear Film Stability Measurement Technique in a Rabbit Model: Viscoelastic Increases Tear Film Stability. , 2014, 55, 4158.		4
43	Delayed-onset Candida parapsilosis cornea tunnel infection and endophthalmitis after cataract surgery: Histopathology and clinical course. <i>American Journal of Ophthalmology Case Reports</i> , 2018, 11, 109-114.	0.7	4
44	Chronic Conjunctivitis and "Warts": <i>JAMA Ophthalmology</i> , 2015, 133, 1083.	2.5	2
45	In vivo measurement of the attenuation coefficient of the sclera and ciliary muscle. <i>Biomedical Optics Express</i> , 2021, 12, 5089.	2.9	2
46	Femtosecond Laser (WaveLight FS200) Customized Keratoplasty for Keratoconus: Case Report. <i>Journal of Refractive Surgery</i> , 2012, 28, S826-8.	2.3	2
47	In Vivo Effects of Femtosecond Laser-Assisted Keratoplasty. <i>JAMA Ophthalmology</i> , 2014, 132, 1355.	2.5	1
48	Prediction of corneal graft rejection using central endothelium/Descemet's membrane complex thickness in high-risk corneal transplants. <i>Scientific Reports</i> , 2021, 11, 14542.	3.3	1
49	Intrastromal corneal ring segments for the treatment of irregular astigmatism. <i>Expert Review of Ophthalmology</i> , 2008, 3, 9-15.	0.6	0
50	Author reply. <i>Ophthalmology</i> , 2014, 121, e49.	5.2	0
51	Intraocular lens power overestimation in a patient with history of circling keratotomy. <i>Saudi Journal of Ophthalmology</i> , 2016, 30, 198-200.	0.3	0
52	Outcomes of toric intraocular lens implantation after femtosecond laser and traditional cataract surgery. <i>Australasian journal of optometry</i> , The, 2021, 104, 69-73.	1.3	0
53	Predictability of pseudophakic refraction using patient-customized paraxial eye models. <i>Journal of Cataract and Refractive Surgery</i> , 2022, Publish Ahead of Print, .	1.5	0