Sonia H Yoo

List of Publications by Year
in descending order

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	Bevacizumab in High-Risk Corneal Transplantation. Ophthalmology, 2022, 129, 865-879.	5.2	6
2	Predictability of pseudophakic refraction using patient-customized paraxial eye models. Journal of Cataract and Refractive Surgery, 2022, Publish Ahead of Print, .	1.5	0
3	Outcomes of toric intraocular lens implantation after femtosecond laser and traditional cataract surgery. Australasian journal of optometry, The, 2021, 104, 69-73.	1.3	0
4	Vision Restoration. Medical Clinics of North America, 2021, 105, 445-454.	2.5	8
5	Prediction of corneal graft rejection using central endothelium/Descemetâ€™s membrane complex thickness in high-risk corneal transplants. Scientific Reports, 2021, 11, 14542.	3.3	1
6	In vivo measurement of the attenuation coefficient of the sclera and ciliary muscle. Biomedical Optics Express, 2021, 12, 5089.	2.9	2
7	Endothelial Biopsy for the Diagnosis and Management of Culture-Negative Retrocorneal Fungal Keratitis With the Assistance of Optical Coherence Tomography Imaging. Cornea, 2021, 40, 1193-1196.	1.7	11
8	Diagnostic Performance of Three-Dimensional Endothelium/Descemet Membrane Complex Thickness Maps in Active Corneal Graft Rejection. American Journal of Ophthalmology, 2020, 210, 48-58.	3.3	11
9	In-vivo Three-dimensional Characteristics of Bowmanâ€™s Layer and Endothelium/Descemetâ€™s Complex Using Corneal Microlayer Tomography in Healthy Subjects. Current Eye Research, 2020, 45, 659-667.	1.5	5
10	Diagnostic Performance of 3-Dimensional Thickness of the Endotheliumâ€“Descemet Complex in Fuchsâ€™ Endothelial Cell Corneal Dystrophy. Ophthalmology, 2020, 127, 874-887.	5.2	15
11	Refractive Outcomes of Four-Point Scleral Fixation of Akreos AO60 Intraocular Lens Using Gore-Tex Suture. Clinical Ophthalmology, 2020, Volume 14, 4431-4437.	1.8	6
12	In vivo measurement of the human crystalline lens equivalent refractive index using extended-depth OCT. Biomedical Optics Express, 2019, 10, 411.	2.9	20
13	Candida Endophthalmitis After Descemet Stripping Automated Endothelial Keratoplasty With Grafts From Both Eyes of a Donor With Possible Systemic Candidiasis. Cornea, 2018, 37, 515-518.	1.7	22
14	Comparison of phacoemulsification parameters between manual and femtosecond laser-assisted cataract surgery. Canadian Journal of Ophthalmology, 2018, 53, 542-547.	0.7	11
15	Donor, Recipient, and Operative Factors Associated with Graft Success in the Cornea Preservation Time Study. Ophthalmology, 2018, 125, 1700-1709.	5.2	73
16	Delayed-onset Candida parapsilosis cornea tunnel infection and endophthalmitis after cataract surgery: Histopathology and clinical course. American Journal of Ophthalmology Case Reports, 2018, 11, 109-114.	0.7	4
17	Variability of manual ciliary muscle segmentation in optical coherence tomography images. Biomedical Optics Express, 2018, 9, 791.	2.9	8
18	The Effect of NSAID Pretreatment on Aqueous Humor Prostaglandin E₂ Concentration in Eyes Undergoing Femtosecond Laser-Assisted Capsulotomy. Journal of Ophthalmology, 2018, 2018, 1-4.	1.3	6

#	Article	IF	Citations
19	InÂVivo Characteristics of Corneal Endothelium/Descemet Membrane Complex for the Diagnosis of Corneal Graft Rejection. American Journal of Ophthalmology, 2017, 178, 27-37.	3.3	27
20	Differences in energy expenditure for conventional and femtosecond-assisted cataract surgery using 2 different phacoemulsification systems. Journal of Cataract and Refractive Surgery, 2017, 43, 16-21.	1.5	21
21	Assessment of eye length changes in accommodation using dynamic extended-depth OCT. Biomedical Optics Express, 2017, 8, 2709.	2.9	6
22	Effects of Short-term Preoperative Topical Ketorolac on Pupil Diameter in Eyes Undergoing Femtosecond Laserâ€“Assisted Capsulotomy. Journal of Refractive Surgery, 2017, 33, 230-234.	2.3	12
23	Quantification of the ciliary muscle and crystalline lens interaction during accommodation with synchronous OCT imaging. Biomedical Optics Express, 2016, 7, 1351.	2.9	30
24	Femtosecond laser-assisted cataract surgery in a patient with posterior chamber phakic intraocular lens. American Journal of Ophthalmology Case Reports, 2016, 1, 11-12.	0.7	7
25	Corneal elasticity after oxygen enriched high intensity corneal cross linking assessed using atomic force microscopy. Experimental Eye Research, 2016, 153, 51-55.	2.6	18
26	Intraocular lens power overestimation in a patient with history of circling keratorraphy. Saudi Journal of Ophthalmology, 2016, 30, 198-200.	0.3	0
27	Effects of Femtosecond Laser-Assisted Cataract Pretreatment on Pupil Diameter: A Comparison Between Three Laser Platforms. Journal of Refractive Surgery, 2016, 32, 84-88.	2.3	25
28	Calculation of crystalline lens power using a modification of the Bennett method. Biomedical Optics Express, 2015, 6, 4501.	2.9	14
29	Calculation of Ophthalmic Viscoelastic Device-Induced Focus Shift During Femtosecond Laser-Assisted Cataract Surgery. Investigative Ophthalmology and Visual Science, 2015, 56, 1222-1227.	3.3	10
30	Long-Term Outcomes of Radial Keratotomy, Laser In Situ Keratomileusis, and Astigmatic Keratotomy Performed Consecutively over a Period of 21 Years. Case Reports in Ophthalmological Medicine, 2015, 2015, 1-4.	0.5	6
31	Comparison of surgically induced astigmatism between femtosecond laser and manual clear corneal incisions for cataract surgery. Journal of Cataract and Refractive Surgery, 2015, 41, 2075-2080.	1.5	30
32	Corneal stromal elasticity and viscoelasticity assessed by atomic force microscopy after different cross linking protocols. Experimental Eye Research, 2015, 138, 1-5.	2.6	44
33	Long-term follow-up of epikeratophakia. Journal of Cataract and Refractive Surgery, 2015, 41, 670-673.	1.5	6
34	Chronic Conjunctivitis and â€œWartsâ€• JAMA Ophthalmology, 2015, 133, 1083.	2.5	2
35	Herpes Simplex Virus endotheliitis following descemetâ€˜s membrane endothelial keratoplasty. Journal of Ophthalmic and Vision Research, 2015, 10, 184.	1.0	20
36	Long Term Followup of Photorefractive Keratectomy with Adjuvant Use of Mitomycin C. Journal of Ophthalmology, 2014, 2014, 1-5.	1.3	14

#	Article	IF	Citations
37	A New, Specular Reflection-Based, Precorneal Tear Film Stability Measurement Technique in a Rabbit Model: Viscoelastic Increases Tear Film Stability. , 2014, 55, 4158.		4
38	In Vivo Effects of Femtosecond Laserâ€“Assisted Keratoplasty. JAMA Ophthalmology, 2014, 132, 1355.	2.5	1
39	Contralateral-eye study of surface refractive treatments: Clinical and confocal microscopy evaluation. Journal of Cataract and Refractive Surgery, 2014, 40, 224-231.	1.5	5
40	Grid pattern delivered to the cornea during femtosecond laserâ€“assisted cataract surgery. Journal of Cataract and Refractive Surgery, 2014, 40, 496-497.	1.5	13
41	The Use of Bowman's Layer Vertical Topographic Thickness Map in the Diagnosis of Keratoconus. Ophthalmology, 2014, 121, 988-993.	5.2	57
42	Intraoperative Refractive Biometry forÂPredicting Intraocular Lens Power Calculation after Prior Myopic Refractive Surgery. Ophthalmology, 2014, 121, 56-60.	5.2	117
43	Operating times of experienced cataract surgeons beginning femtosecond laserâ€“assisted cataract surgery. Journal of Cataract and Refractive Surgery, 2014, 40, 1773-1776.	1.5	35
44	Author reply. Ophthalmology, 2014, 121, e49.	5.2	0
45	Assessment of Rose Bengal Versus Riboflavin Photodynamic Therapy for Inhibition of Fungal Keratitis Isolates. American Journal of Ophthalmology, 2014, 158, 64-70.e2.	3.3	91
46	Quality of corneal lamellar cuts quantified using atomic force microscopy. Journal of Cataract and Refractive Surgery, 2013, 39, 110-117.	1.5	14
47	Optical coherence tomography in cornea and refractive surgery. Expert Review of Ophthalmology, 2012, 7, 241-250.	0.6	11
48	Femtosecond Laser (WaveLight FS200) Customized Keratoplasty for Keratoconus: Case Report. Journal of Refractive Surgery, 2012, 28, S826-8.	2.3	2
49	Use of Ultra-High-Resolution Optical Coherence Tomography to Detect In Vivo Characteristics of Descemet's Membrane in Fuchs' Dystrophy. Ophthalmology, 2010, 117, 1220-1227.	5.2	104
50	Femtosecond-assisted diagnostic corneal biopsy (FAB) in keratitis. Graefe's Archive for Clinical and Experimental Ophthalmology, 2008, 246, 759-762.	1.9	22
51	Intrastromal corneal ring segments for the treatment of irregular astigmatism. Expert Review of Ophthalmology, 2008, 3, 9-15.	0.6	0
52	One-Year Results and Anterior Segment Optical Coherence Tomography Findings of Descemet Stripping Automated Endothelial Keratoplasty Combined With Phacoemulsification. JAMA Ophthalmology, 2008, 126, 1052.	2.4	83
53	Iontophoresis for the Treatment of Paecilomyces Keratitis. Cornea, 2002, 21, 131-132.	1.7	32