

# Hun Lee

## List of Publications by Year in descending order

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Version: 2024-02-01

75  
papers

1,352  
citations

331538

21  
h-index

414303

32  
g-index

82  
all docs

82  
docs citations

82  
times ranked

1267  
citing authors

#	ARTICLE	IF	CITATIONS
1	Minocycline Controls Clinical Outcomes and Inflammatory Cytokines in Moderate and Severe Meibomian Gland Dysfunction. <i>American Journal of Ophthalmology</i> , 2012, 154, 949-957.e1.	1.7	78
2	Foveal Ganglion Cell Layer Damage in Ischemic Diabetic Maculopathy Correlation of Optical Coherence Tomographic and Anatomic Changes. <i>Ophthalmology</i> , 2009, 116, 1949-1959.e8.	2.5	72
3	Effects of Topical Loteprednol Etabonate on Tear Cytokines and Clinical Outcomes in Moderate and Severe Meibomian Gland Dysfunction: Randomized Clinical Trial. <i>American Journal of Ophthalmology</i> , 2014, 158, 1172-1183.e1.	1.7	65
4	Changes in biomechanically corrected intraocular pressure and dynamic corneal response parameters before and after transepithelial photorefractive keratectomy and femtosecond laser-assisted laser in situ keratomileusis. <i>Journal of Cataract and Refractive Surgery</i> , 2017, 43, 1495-1503.	0.7	59
5	Dynamic Vaulting Changes in V4c versus V4 Posterior Chamber Phakic Lenses Under Differing Lighting Conditions. <i>American Journal of Ophthalmology</i> , 2014, 158, 1199-1204.e1.	1.7	46
6	Effects of ozone exposure on the ocular surface. <i>Free Radical Biology and Medicine</i> , 2013, 63, 78-89.	1.3	43
7	Influence of Cataract on Time Domain and Spectral Domain Optical Coherence Tomography Retinal Nerve Fiber Layer Measurements. <i>Journal of Glaucoma</i> , 2010, 21, 1.	0.8	43
8	Relationship Between Decentration and Induced Corneal Higher-Order Aberrations Following Small-Incision Lenticule Extraction Procedure. , 2018, 59, 2316.		40
9	Assessment of Quality of Life and Depression in Korean Patients with Graves' Ophthalmopathy. <i>Korean Journal of Ophthalmology: KJO</i> , 2010, 24, 65.	0.5	39
10	Univariate and bivariate polar value analysis of corneal astigmatism measurements obtained with 6 instruments. <i>Journal of Cataract and Refractive Surgery</i> , 2012, 38, 1608-1615.	0.7	38
11	Automated Measurement of Tear Film Dynamics and Lipid Layer Thickness for Assessment of Non-Sjögren Dry Eye Syndrome With Meibomian Gland Dysfunction. <i>Cornea</i> , 2017, 36, 176-182.	0.9	38
12	Effect of accelerated corneal crosslinking combined with transepithelial photorefractive keratectomy on dynamic corneal response parameters and biomechanically corrected intraocular pressure measured with a dynamic Scheimpflug analyzer in healthy myopic patients. <i>Journal of Cataract and Refractive Surgery</i> , 2017, 43, 937-945.	0.7	37
13	Preloaded and non-preloaded intraocular lens delivery system and characteristics: human and porcine eyes trial. <i>International Journal of Ophthalmology</i> , 2018, 11, 6-11.	0.5	35
14	Anterior Chamber Measurements by Pentacam and AS-OCT in Eyes With Normal Open Angles. <i>Korean Journal of Ophthalmology: KJO</i> , 2008, 22, 242.	0.5	34
15	Comparison of 3 marking techniques in preoperative assessment of toric intraocular lenses using a wavefront aberrometer. <i>Journal of Cataract and Refractive Surgery</i> , 2015, 41, 1232-1240.	0.7	33
16	Mechanical meibomian gland squeezing combined with eyelid scrubs and warm compresses for the treatment of meibomian gland dysfunction. <i>Australasian journal of optometry, The</i> , 2017, 100, 598-602.	0.6	32
17	Effect of Accommodation on Vaulting and Movement of Posterior Chamber Phakic Lenses in Eyes With Implantable Collamer Lenses. <i>American Journal of Ophthalmology</i> , 2015, 160, 710-716.e1.	1.7	30
18	Analysis of pre-operative factors affecting range of optimal vaulting after implantation of 12.6-mm V4c implantable collamer lens in myopic eyes. <i>BMC Ophthalmology</i> , 2018, 18, 163.	0.6	30

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19	Assessment of the Tear Film Lipid Layer Thickness after Cataract Surgery. <i>Seminars in Ophthalmology</i> , 2018, 33, 1-6.	0.8	26
20	Corneal astigmatism analysis for toric intraocular lens implantation. <i>Current Opinion in Ophthalmology</i> , 2015, 26, 34-38.	1.3	25
21	Rotational Stability and Visual Outcomes of V4c Toric Phakic Intraocular Lenses. <i>Journal of Refractive Surgery</i> , 2018, 34, 489-496.	1.1	25
22	Comparison of the Distribution of Lenticule Decentration Following SMILE by Subjective Patient Fixation or Triple Marking Centration. <i>Journal of Refractive Surgery</i> , 2018, 34, 446-452.	1.1	24
23	Effects of Exposure to Ozone on the Ocular Surface in an Experimental Model of Allergic Conjunctivitis. <i>PLoS ONE</i> , 2017, 12, e0169209.	1.1	22
24	Evaluation of Optical Quality Parameters and Ocular Aberrations in Multifocal Intraocular Lens Implanted Eyes. <i>Yonsei Medical Journal</i> , 2014, 55, 1413.	0.9	21
25	Comparing corneal higher-order aberrations in corneal wavefront-guided transepithelial photorefractive keratectomy versus small-incision lenticule extraction. <i>Journal of Cataract and Refractive Surgery</i> , 2018, 44, 725-733.	0.7	21
26	Interleukin-4 stimulates lipogenesis in meibocytes by activating the STAT6/PPAR $\beta$ signaling pathway. <i>Ocular Surface</i> , 2020, 18, 575-582.	2.2	21
27	Visual rehabilitation in moderate keratoconus: combined corneal wavefront-guided transepithelial photorefractive keratectomy and high-fluence accelerated corneal collagen cross-linking after intracorneal ring segment implantation. <i>BMC Ophthalmology</i> , 2017, 17, 270.	0.6	19
28	Evaluation of factors related to Anaesthesia-induced Lens opacity in experimental mice. <i>Laboratory Animal Research</i> , 2020, 36, 1.	1.1	18
29	Comparison of Outcomes Between Combined Transepithelial Photorefractive Keratectomy With and Without Accelerated Corneal Collagen Cross-Linking: A 1-Year Study. <i>Cornea</i> , 2017, 36, 1213-1220.	0.9	15
30	Comparing prediction accuracy between total keratometry and conventional keratometry in cataract surgery with refractive multifocal intraocular lens implantation. <i>Scientific Reports</i> , 2021, 11, 19234.	1.6	15
31	Changes in posterior corneal elevations after combined transepithelial photorefractive keratectomy and accelerated corneal collagen cross-linking: retrospective, comparative observational case series. <i>BMC Ophthalmology</i> , 2016, 16, 139.	0.6	14
32	Effect of diquafosol three per cent ophthalmic solution on tear film and corneal aberrations after cataract surgery. <i>Australasian journal of optometry, The</i> , 2017, 100, 590-594.	0.6	14
33	Effects of lid debris debridement combined with meibomian gland expression on the ocular surface MMP-9 levels and clinical outcomes in moderate and severe meibomian gland dysfunction. <i>BMC Ophthalmology</i> , 2021, 21, 175.	0.6	14
34	Biomechanical Properties of the Cornea Using a Dynamic Scheimpflug Analyzer in Healthy Eyes. <i>Yonsei Medical Journal</i> , 2018, 59, 1115.	0.9	13
35	Changes in the expression of matrix metalloproteinase-9 after intense pulsed light therapy combined with meibomian gland expression in moderate and severe meibomian gland dysfunction. <i>Contact Lens and Anterior Eye</i> , 2021, 44, 101339.	0.8	13
36	Comparison of visual results and optical quality of two presbyopia-correcting intraocular lenses: TECNIS symphony versus TECNIS synergy. <i>European Journal of Ophthalmology</i> , 2022, 32, 3461-3469.	0.7	13

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37	Double-Pass System Assessing the Optical Quality of Pseudophakic Eyes. <i>Optometry and Vision Science</i> , 2014, 91, 437-443.	0.6	12
38	Decentration measurements using Placido corneal tangential curvature topography and Scheimpflug tomography pachymetry difference maps after small-incision lenticule extraction. <i>Journal of Cataract and Refractive Surgery</i> , 2019, 45, 1067-1073.	0.7	12
39	A Case of Decreased Visual Field after Uneventful Cataract Surgery: Nonarteritic Anterior Ischemic Optic Neuropathy. <i>Korean Journal of Ophthalmology: KJO</i> , 2010, 24, 57.	0.5	11
40	Fourier-domain optical coherence tomography evaluation of clear corneal incision structure according to blade material. <i>Journal of Cataract and Refractive Surgery</i> , 2014, 40, 1615-1624.	0.7	11
41	Comparison of Clinical and Biomechanical Outcomes of Small Incision Lenticule Extraction With 120- and 140-Åµm Cap Thickness. <i>Translational Vision Science and Technology</i> , 2021, 10, 15.	1.1	11
42	Effect of Rho-Associated Kinase Inhibitor and Mesenchymal Stem Cell-Derived Conditioned Medium on Corneal Endothelial Cell Senescence and Proliferation. <i>Cells</i> , 2021, 10, 1463.	1.8	10
43	Clinical Outcomes after Mix-and-Match Implantation of Extended Depth of Focus and Diffractive Multifocal Intraocular Lenses. <i>Journal of Ophthalmology</i> , 2021, 2021, 1-7.	0.6	10
44	Fractional Laser Photothermolysis for Treatment of Facial Wrinkles in Asians. <i>Korean Journal of Ophthalmology: KJO</i> , 2009, 23, 235.	0.5	9
45	Comparison of the Astigmatic Power of Toric Intraocular Lenses Using Three Toric Calculators. <i>Yonsei Medical Journal</i> , 2015, 56, 1097.	0.9	9
46	Biomechanical Properties of the Cornea Measured With the Dynamic Scheimpflug Analyzer in Young Healthy Adults. <i>Cornea</i> , 2017, 36, 53-58.	0.9	9
47	Prediction accuracy of standard and total keratometry by swept-source optical biometer for multifocal intraocular lens power calculation. <i>Scientific Reports</i> , 2021, 11, 4794.	1.6	9
48	Adjustment of Spherical Equivalent Correction According to Cap Thickness for Myopic Small Incision Lenticule Extraction. <i>Journal of Refractive Surgery</i> , 2019, 35, 153-160.	1.1	9
49	Effect of Co-Implantation of a Capsular Tension Ring on Clinical Outcomes after Cataract Surgery with Monofocal Intraocular Lens Implantation. <i>Yonsei Medical Journal</i> , 2016, 57, 1236.	0.9	8
50	Antifibrotic Effects of Sakuraso-Saponin in Primary Cultured Pterygium Fibroblasts in Comparison With Mitomycin C. , 2019, 60, 4784.		8
51	Clinical outcomes after mix-and-match implantation of diffractive multifocal intraocular lenses with +â€‰2.75 andâ€‰+â€‰4.00 diopter add powers. <i>BMC Ophthalmology</i> , 2020, 20, 193.	0.6	8
52	Transplantation of human corneal limbal epithelial cell sheet harvested on synthesized carboxymethyl cellulose and dopamine in a limbal stem cell deficiency. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2021, 15, 139-149.	1.3	8
53	Effect of intense pulsed light using acne filter on eyelid margin telangiectasia in moderate-to-severe meibomian gland dysfunction. <i>Lasers in Medical Science</i> , 2022, , 1.	1.0	8
54	DA-6034â€‰Induced Mucin Secretion Via Ca <sup>2+</sup> -Dependent Pathways Through P2Y Receptor Stimulation. , 2014, 55, 6565.		7

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55	Inhibitory Effect of Tranilast on Transforming Growth Factor-Beta-Induced Protein in Granular Corneal Dystrophy Type 2 Corneal Fibroblasts. <i>Cornea</i> , 2015, 34, 950-958.	0.9	6
56	Development of Allergic Conjunctivitis Induced by House Dust Mite Extract From <i>Dermatophagoides pteronyssinus</i> . , 2016, 57, 1773.		5
57	Photorefractive keratectomy combined with corneal wavefront-guided and hyperaspheric ablation profiles to correct myopia. <i>Journal of Cataract and Refractive Surgery</i> , 2016, 42, 890-898.	0.7	5
58	Molecular Pathogenesis of Corneal Dystrophies. <i>Progress in Molecular Biology and Translational Science</i> , 2015, 134, 99-115.	0.9	4
59	Comparison of Toric Foldable Iris-Fixated Phakic Intraocular Lens Implantation and Limbal Relaxing Incisions for Moderate-to-High Myopic Astigmatism. <i>Yonsei Medical Journal</i> , 2016, 57, 1475.	0.9	4
60	Three-Year Follow-Up of Laser In Situ Keratomileusis Treatments for Myopia: Multi-Center Cohort Study in Korean Population. <i>Journal of Personalized Medicine</i> , 2021, 11, 419.	1.1	4
61	Astigmatic correction of simultaneous femtosecond laser-assisted cataract surgery (FLACS) with intrastromal arcuate keratotomy (ISAK) versus Toric intraocular Lens Impantation with conventional phacoemulsification. <i>BMC Ophthalmology</i> , 2021, 21, 298.	0.6	4
62	Association between glaucoma surgery and all-cause and cause-specific mortality among elderly patients with glaucoma: a nationwide population-based cohort study. <i>Scientific Reports</i> , 2021, 11, 17055.	1.6	4
63	Effect of preoperative eyedrops on cytokine concentrations in aqueous humor of patients undergoing femtosecond laser-assisted cataract surgery. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2022, 260, 885-891.	1.0	4
64	Safety and efficacy of a low-level radiofrequency thermal treatment in an animal model of obstructive meibomian gland dysfunction. <i>Lasers in Medical Science</i> , 2022, , 1.	1.0	3
65	Clinical Outcomes of an Optimized Prolate Ablation Procedure for Correcting Residual Refractive Errors Following Laser Surgery. <i>Korean Journal of Ophthalmology: KJO</i> , 2017, 31, 16.	0.5	2
66	Evaluation of Astigmatic Correction Using Vector Analysis after Combined Femtosecond Laser-Assisted Phacoemulsification and Intrastromal Arcuate Keratotomy. <i>Journal of Ophthalmology</i> , 2021, 2021, 1-8.	0.6	2
67	Anti-inflammatory and anti-apoptotic effects of N-acetylcysteine in diabetic rat corneal epithelium. <i>International Journal of Ophthalmology</i> , 2021, 14, 1805-1812.	0.5	2
68	Multiple Allergen Simultaneous Test-Immunoblot Assay for Immunoglobulin E Detection in Patients with Isolated Allergic Conjunctivitis. <i>Journal of Clinical Medicine</i> , 2021, 10, 960.	1.0	1
69	Relationship between Cataract Surgery and Mortality in Elderly Patients with Cataract: Nationwide Population-Based Cohort Study in South Korea. <i>Journal of Personalized Medicine</i> , 2021, 11, 1128.	1.1	1
70	Clinical Outcomes of Nanothin Descemet Stripping Automated Endothelial Keratoplasty in Korean patients with Corneal Endothelial Dysfunction. <i>Korean Journal of Ophthalmology: KJO</i> , 2022, , .	0.5	1
71	Changes in Tear Osmolarity and Matrix Metalloproteinase-9 Relative to Ocular Discomfort after Femtosecond Laser-Assisted Cataract Surgery. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 11878.	1.3	1
72	Vitreotomy and All-Cause and Cause-Specific Mortality in Elderly Patients With Vitreoretinal Diseases: A Nationwide Cohort Study. <i>Frontiers in Medicine</i> , 2022, 9, 851536.	1.2	1

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73	Novel Findings about Myopia in Patients with Oculodermal Melanocytosis (Nevus of Ota). Current Eye Research, 2021, 46, 1-4.	0.7	0
74	Corneal Epithelial Removal with a Newly Designed Epithelial Brush. Journal of Ophthalmology, 2021, 2021, 1-8.	0.6	0
75	Evaluation of the Optical Aspects of the Ophthalmic Viscosurgical Device During Femtosecond Laser-Assisted Cataract Surgery. Translational Vision Science and Technology, 2022, 11, 2.	1.1	0