

Sunil K Srivastava

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

1,481
citations

489802

18
h-index

388640

36
g-index

55
all docs

55
docs citations

55
times ranked

1009
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep learning-enabled ultra-widefield retinal vessel segmentation with an automated quality-optimized angiographic phase selection tool. <i>Eye</i> , 2022, 36, 1783-1788.	1.1	5
2	Corneal epithelial defects following vitreoretinal surgery: incidence and outcomes from the DISCOVER study. <i>International Journal of Ophthalmology</i> , 2022, 15, 83-88.	0.5	1
3	Predictive Assessment of Quantitative Ultra-Widefield Angiographic Features for Future Need for Anti-VEGF Therapy in Diabetic Eye Disease. <i>Journal of Personalized Medicine</i> , 2022, 12, 608.	1.1	2
4	Impact of Baseline Quantitative OCT Features on Response to Risuteganib for the Treatment of Dry AMD—The Importance of Outer Retinal Integrity. <i>Ophthalmology Retina</i> , 2022, , .	1.2	5
5	Bacillary Detachment in Neovascular Age-Related Macular Degeneration. <i>Ophthalmology Retina</i> , 2022, 6, 1061-1069.	1.2	5
6	The Association of Fluid Volatility With Subretinal Hyperreflective Material and Ellipsoid Zone Integrity in Neovascular AMD. , 2022, 63, 17.		7
7	Machine Learning—Based Automated Detection of Hydroxychloroquine Toxicity and Prediction of Future Toxicity Using Higher-Order OCT Biomarkers. <i>Ophthalmology Retina</i> , 2022, 6, 1241-1252.	1.2	6
8	Longitudinal panretinal microaneurysm dynamics on ultra-widefield fluorescein angiography in eyes treated with intravitreal aflibercept for proliferative diabetic retinopathy in the recovery study. <i>British Journal of Ophthalmology</i> , 2021, 105, 1111-1115.	2.1	11
9	Radiomics-based assessment of ultra-widefield leakage patterns and vessel network architecture in the PERMEATE study: insights into treatment durability. <i>British Journal of Ophthalmology</i> , 2021, 105, 1155-1160.	2.1	15
10	Longitudinal Assessment of Ellipsoid Zone Mapping Parameters in Retinal Venous Occlusive Disease With Associated Macular Edema. <i>Journal of Vitreoretinal Diseases</i> , 2021, 5, 40-45.	0.2	5
11	Retinal Fluid Volatility Associated With Interval Tolerance and Visual Outcomes in Diabetic Macular Edema in the VISTA Phase III Trial. <i>American Journal of Ophthalmology</i> , 2021, 224, 217-227.	1.7	5
12	Aqueous Cytokine Expression and Higher Order OCT Biomarkers: Assessment of the Anatomic-Biologic Bridge in the IMAGINE DME Study. <i>American Journal of Ophthalmology</i> , 2021, 222, 328-339.	1.7	24
13	Longitudinal Assessment of Ellipsoid Zone Integrity, Subretinal Hyperreflective Material, and Subretinal Pigment Epithelium Disease in Neovascular Age-Related Macular Degeneration. <i>Ophthalmology Retina</i> , 2021, 5, 1204-1213.	1.2	28
14	Epiretinal Membrane Surgery Using Intraoperative OCT-Guided Membrane Removal in the DISCOVER Study versus Conventional Membrane Removal. <i>Ophthalmology Retina</i> , 2021, 5, 1254-1262.	1.2	7
15	Longitudinal Higher-Order OCT Assessment of Quantitative Fluid Dynamics and the Total Retinal Fluid Index in Neovascular AMD. <i>Translational Vision Science and Technology</i> , 2021, 10, 29.	1.1	15
16	LONGITUDINAL ELLIPSOID ZONE DYNAMICS AFTER MACULAR HOLE REPAIR IN THE DISCOVER STUDY. <i>Retina</i> , 2021, 41, 915-920.	1.0	3
17	Exploring the angiographic-biologic phenotype in the IMAGINE study: quantitative UWFA and cytokine expression. <i>British Journal of Ophthalmology</i> , 2021, , bjophthalmol-2020-318726.	2.1	4
18	Real-Time Photographic- and Fluorescein Angiographic-Guided Management of Diabetic Retinopathy: Randomized PRIME Trial Outcomes. <i>American Journal of Ophthalmology</i> , 2021, 226, 126-136.	1.7	15

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19	Longitudinal Ellipsoid Zone and Outer Retinal Integrity Dynamics Following Epiretinal Membrane Surgery. <i>Retina</i> , 2021, Publish Ahead of Print, .	1.0	1
20	Real-Time Diabetic Retinopathy Severity Score Level versus Ultra-Widefield Leakage Index-Guided Management of Diabetic Retinopathy: Two-Year Outcomes from the Randomized PRIME Trial. <i>Journal of Personalized Medicine</i> , 2021, 11, 885.	1.1	2
21	Characterization of Ultra-Widefield Angiographic Vascular Features in Diabetic Retinopathy with Automated Severity Classification. <i>Ophthalmology Science</i> , 2021, 1, 100049.	1.0	4
22	Vitreomacular Traction Surgery from the DISCOVER Study: Intraoperative OCT Utility, Ellipsoid Zone Dynamics, and Outcomes. <i>Ophthalmic Surgery Lasers and Imaging Retina</i> , 2021, 52, 544-550.	0.4	2
23	Quantitative Ultra-Widefield Angiographic Features and Associations with Diabetic Macular Edema. <i>Ophthalmology Retina</i> , 2020, 4, 49-56.	1.2	19
24	Intraoperative Optical Coherence Tomography-Assisted Descemet Membrane Endothelial Keratoplasty in the DISCOVER Study: First 100 Cases. <i>American Journal of Ophthalmology</i> , 2020, 210, 167-173.	1.7	27
25	Longitudinal Panretinal Leakage and Ischemic Indices in Retinal Vascular Disease after Aflibercept Therapy. <i>Ophthalmology Retina</i> , 2020, 4, 154-163.	1.2	19
26	Automated Quality Assessment and Image Selection of Ultra-Widefield Fluorescein Angiography Images through Deep Learning. <i>Translational Vision Science and Technology</i> , 2020, 9, 52.	1.1	10
27	Correlation between brain volume and retinal photoreceptor outer segment volume in normal aging and neurodegenerative diseases. <i>PLoS ONE</i> , 2020, 15, e0237078.	1.1	15
28	Intraoperative OCT-Assisted Retinal Detachment Repair in the DISCOVER Study: Impact and Outcomes. <i>Ophthalmology Retina</i> , 2020, 4, 378-383.	1.2	11
29	Optical coherence tomography angiography characteristics of choroidal neovascularization requiring varied dosing frequencies in treat-and-extend management: An analysis of the AVATAR study. <i>PLoS ONE</i> , 2019, 14, e0218889.	1.1	14
30	Higher-Order Assessment of OCT in Diabetic Macular Edema from the VISTA Study: Ellipsoid Zone Dynamics and the Retinal Fluid Index. <i>Ophthalmology Retina</i> , 2019, 3, 1056-1066.	1.2	44
31	Quantitative Ultra-Widefield Angiography and Diabetic Retinopathy Severity. <i>Ophthalmology</i> , 2019, 126, 1527-1532.	2.5	71
32	Heterogeneity of cultured melanocyte elongation and proliferation factor in bilateral diffuse uveal melanocytic proliferation. <i>Experimental Eye Research</i> , 2019, 184, 30-37.	1.2	9
33	Predictive Model for Macular Hole Closure Speed: Insights From Intraoperative Optical Coherence Tomography. <i>Translational Vision Science and Technology</i> , 2019, 8, 18.	1.1	23
34	Intraoperative OCT Features and Postoperative Ellipsoid Mapping in Primary Macula-Involving Retinal Detachments from the PIONEER Study. <i>Ophthalmology Retina</i> , 2019, 3, 252-257.	1.2	16
35	Quantitative assessment of outer retinal layers and ellipsoid zone mapping in hydroxychloroquine retinopathy. <i>British Journal of Ophthalmology</i> , 2019, 103, 3-7.	2.1	20
36	Efficacy and Safety of Sarilumab for the Treatment of Posterior Segment Noninfectious Uveitis (SARIL-NIU). <i>Ophthalmology</i> , 2019, 126, 428-437.	2.5	49

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37	The DISCOVER Study 3-Year Results. <i>Ophthalmology</i> , 2018, 125, 1014-1027.	2.5	88
38	Update on the Intraoperative OCT: Where Do We Stand?. <i>Current Ophthalmology Reports</i> , 2018, 6, 24-35.	0.5	3
39	Intraoperative OCT-assisted Surgery for Proliferative Diabetic Retinopathy in the DISCOVER Study. <i>Ophthalmology Retina</i> , 2018, 2, 411-417.	1.2	19
40	Outcomes of Intraoperative OCT-Assisted Epiretinal Membrane Surgery from the PIONEER Study. <i>Ophthalmology Retina</i> , 2018, 2, 263-267.	1.2	30
41	Intraoperative OCT for Uveitis-Related Vitreoretinal Surgery in the DISCOVER Study. <i>Ophthalmology Retina</i> , 2018, 2, 1041-1049.	1.2	9
42	Assessment of inner and outer retinal layer metrics on the Cirrus HD-OCT Platform in normal eyes. <i>PLoS ONE</i> , 2018, 13, e0203324.	1.1	18
43	Treatment Duration and Side Effect Profile of Long-Term Use of Intravitreal Preservative-Free Triamcinolone Acetonide in Uveitis. <i>American Journal of Ophthalmology</i> , 2018, 194, 63-71.	1.7	13
44	Characteristics of inflammatory eye disease associated with hidradenitis suppurativa. <i>European Journal of Rheumatology</i> , 2018, 5, 165-168.	1.3	18
45	Intraoperative Optical Coherence Tomography-Assisted Chorioretinal Biopsy in the DISCOVER Study. <i>Retina</i> , 2017, 37, 2183-2187.	1.0	14
46	OCT Angiography and Ellipsoid Zone Mapping of Macular Telangiectasia Type 2 From the AVATAR Study. , 2017, 58, 3683.		39
47	Analysis of Retinal Architectural Changes Using Intraoperative OCT Following Surgical Manipulations With Membrane Flex Loop in the DISCOVER Study. , 2017, 58, 3440.		16
48	Intraoperative Optical Coherence Tomography for Enhanced Depth Visualization in Deep Anterior Lamellar Keratoplasty From the PIONEER Study. <i>Cornea</i> , 2015, 34, 1039-1043.	0.9	47
49	Intrasurgical Assessment of Subretinal tPA Injection for Submacular Hemorrhage in the PIONEER Study Utilizing Intraoperative OCT. <i>Ophthalmic Surgery Lasers and Imaging Retina</i> , 2015, 46, 327-332.	0.4	46
50	Membrane Peeling-Induced Retinal Alterations on Intraoperative OCT in Vitreomacular Interface Disorders From the PIONEER Study. , 2015, 56, 7324.		50
51	Determination of Feasibility and Utility of Microscope-Integrated Optical Coherence Tomography During Ophthalmic Surgery. <i>JAMA Ophthalmology</i> , 2015, 133, 1124.	1.4	158
52	Intraoperative optical coherence tomography using the RESCAN 700: preliminary results from the DISCOVER study. <i>British Journal of Ophthalmology</i> , 2014, 98, 1329-1332.	2.1	131
53	UTILITY OF INTRAOPERATIVE OPTICAL COHERENCE TOMOGRAPHY DURING VITRECTOMY SURGERY FOR VITREOMACULAR TRACTION SYNDROME. <i>Retina</i> , 2014, 34, 1341-1346.	1.0	106
54	Association Between Transient Interface Fluid on Intraoperative OCT and Textural Interface Opacity After DSAEK Surgery in the PIONEER Study. <i>Cornea</i> , 2014, 33, 887-892.	0.9	60

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55	NOVEL MICROARCHITECTURAL DYNAMICS IN RHEGMATOGENOUS RETINAL DETACHMENTS IDENTIFIED WITH INTRAOPERATIVE OPTICAL COHERENCE TOMOGRAPHY. <i>Retina</i> , 2013, 33, 1428-1434.	1.0	97