

# Sandeep Saxena

## List of Publications by Year in descending order

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87  
papers

1,062  
citations

471509

17  
h-index

526287

27  
g-index

88  
all docs

88  
docs citations

88  
times ranked

1202  
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of biometric parameters of 2340 eyes measured with optical biometer Lenstar LS900 in a Caucasian population. <i>European Journal of Ophthalmology</i> , 2022, 32, 213-220.	1.3	9
2	External limiting membrane and ellipsoid zone structural integrity in diabetic macular edema. <i>European Journal of Ophthalmology</i> , 2022, 32, 15-16.	1.3	10
3	Sequential restoration of external limiting membrane and ellipsoid zone after intravitreal anti-VEGF therapy in diabetic macular oedema. <i>Eye</i> , 2021, 35, 1490-1495.	2.1	30
4	Vitreoretinal Surgery in Eales's Disease. , 2021, , 209-215.		0
5	Vitamin D supplementation in diabetic retinopathy in the era of COVID-19. <i>Indian Journal of Ophthalmology</i> , 2021, 69, 483.	1.1	4
6	External limiting membrane: retinal structural barrier in diabetic macular edema. <i>International Journal of Retina and Vitreous</i> , 2021, 7, 16.	1.9	8
7	Safety and efficacy of Razumab <sup>®</sup> (world's first biosimilar ranibizumab) in wet age-related macular degeneration: a post-marketing, prospective ASSET study. <i>International Journal of Retina and Vitreous</i> , 2021, 7, 24.	1.9	9
8	Correlation between vitamin D serum levels and severity of diabetic retinopathy in patients with type 2 diabetes mellitus. <i>Journal of Endocrinology Metabolism and Diabetes of South Africa</i> , 2021, 26, 82-88.	0.2	5
9	Increased serum cortisol is associated with alterations in cross-sectional and topographic OCT parameters in diabetic retinopathy: a preliminary study. <i>International Ophthalmology</i> , 2021, 41, 3623-3630.	1.4	2
10	Serum cortisol is a biomolecular biomarker for severity of diabetic retinopathy. <i>Molecular Vision</i> , 2021, 27, 429-437.	1.1	2
11	Focus on external limiting membrane and ellipsoid zone in diabetic macular edema. <i>Indian Journal of Ophthalmology</i> , 2021, 69, 2925.	1.1	1
12	Elevated advanced glycation end products are associated with subfoveal ellipsoid zone disruption in diabetic macular edema. <i>Indian Journal of Ophthalmology</i> , 2021, 69, 3199.	1.1	2
13	Eales's Disease. <i>Retina Atlas</i> , 2020, , 77-83.	0.0	0
14	Otological and Visual Implications of Diabetes Mellitus in North Indian Population. <i>Indian Journal of Otolaryngology and Head and Neck Surgery</i> , 2019, 71, 1639-1651.	0.9	2
15	Serum vitamin D is a biomolecular biomarker for proliferative diabetic retinopathy. <i>International Journal of Retina and Vitreous</i> , 2019, 5, 31.	1.9	23
16	Hyperglycemia potentiates the effect of ionic calcium in photoreceptor ellipsoid zone disruption in diabetic retinopathy. <i>International Ophthalmology</i> , 2019, 39, 2237-2243.	1.4	6
17	Spectral domain optical coherence tomography based imaging biomarkers for diabetic retinopathy. <i>Endocrine</i> , 2019, 66, 509-516.	2.3	12
18	Serum vascular endothelial growth factor is a biomolecular biomarker of severity of diabetic retinopathy. <i>International Journal of Retina and Vitreous</i> , 2019, 5, 29.	1.9	35

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19	Disorganization of retinal inner layers correlates with ellipsoid zone disruption and retinal nerve fiber layer thinning in diabetic retinopathy. <i>Journal of Diabetes and Its Complications</i> , 2019, 33, 550-553.	2.3	28
20	Anterior chamber paracentesis during intravitreal injections in observational trials: effectiveness and safety and effects. <i>International Journal of Retina and Vitreous</i> , 2019, 5, 8.	1.9	21
21	Resistive index of central retinal artery is a bioimaging biomarker for severity of diabetic retinopathy. <i>International Journal of Retina and Vitreous</i> , 2019, 5, 38.	1.9	12
22	Retinal photoreceptor apoptosis is associated with impaired serum ionized calcium homeostasis in diabetic retinopathy: An in-vivo analysis. <i>Journal of Diabetes and Its Complications</i> , 2019, 33, 208-211.	2.3	8
23	Resistive index of ophthalmic artery correlates with retinal pigment epithelial alterations on spectral domain optical coherence tomography in diabetic retinopathy. <i>International Journal of Retina and Vitreous</i> , 2018, 4, 12.	1.9	7
24	Nitric oxide in the pathophysiology of retinopathy: evidences from preclinical and clinical researches. <i>Acta Ophthalmologica</i> , 2018, 96, 222-231.	1.1	62
25	Prevalence of Age-Related Macular Degeneration in Slovakia and Associated Risk Factors: A Mobile Clinic-Based Cross-Sectional Epidemiological Survey. <i>Seminars in Ophthalmology</i> , 2018, 33, 506-511.	1.6	7
26	Central subfield thickness and cube average thickness as bioimaging biomarkers for ellipsoid zone disruption in diabetic retinopathy. <i>International Journal of Retina and Vitreous</i> , 2018, 4, 41.	1.9	6
27	The potential of spectral domain optical coherence tomography imaging based retinal biomarkers. <i>International Journal of Retina and Vitreous</i> , 2017, 3, 1.	1.9	61
28	Nutrition for diabetic retinopathy: plummeting the inevitable threat of diabetic vision loss. <i>European Journal of Nutrition</i> , 2017, 56, 2013-2027.	3.9	22
29	Association of serum levels of anti-myeloperoxidase antibody with retinal photoreceptor ellipsoid zone disruption in diabetic retinopathy. <i>Journal of Diabetes and Its Complications</i> , 2017, 31, 864-868.	2.3	6
30	INCREASED SERUM LEVELS OF UREA AND CREATININE ARE SURROGATE MARKERS FOR DISRUPTION OF RETINAL PHOTORECEPTOR EXTERNAL LIMITING MEMBRANE AND INNER SEGMENT ELLIPSOID ZONE IN TYPE 2 DIABETES MELLITUS. <i>Retina</i> , 2017, 37, 344-349.	1.7	28
31	Apolipoprotein A-I and B and Subjective Global Assessment relationship can reflect lipid defects in diabetic retinopathy. <i>Nutrition</i> , 2017, 33, 70-75.	2.4	5
32	Resistive Index of Ophthalmic Artery as a Bioimaging Biomarker for the Severity of Diabetic Retinopathy. <i>Biomarkers Journal</i> , 2017, 03, .	0.2	4
33	Spectral Domain Optical Coherence Tomography-Based Imaging Biomarkers and Hyperspectral Imaging. , 2017, , 109-114.		2
34	Evaluation of retinal nerve fiber layer thickness profile in thyroid ophthalmopathy without optic nerve dysfunction. <i>International Journal of Ophthalmology</i> , 2016, 9, 1634-1637.	1.1	7
35	Increased levels of N <sup>ε</sup> -Carboxy methyl lysine (N <sup>ε</sup> -CML) are associated with topographic alterations in retinal pigment epithelium: A preliminary study. <i>Journal of Diabetes and Its Complications</i> , 2016, 30, 868-872.	2.3	6
36	Correlation of biomarkers thiobarbituric acid reactive substance, nitric oxide and central subfield and cube average thickness in diabetic retinopathy: a cross-sectional study. <i>International Journal of Retina and Vitreous</i> , 2016, 2, 8.	1.9	12

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37	Antimyeloperoxidase antibody is a biomarker for progression of diabetic retinopathy. Journal of Diabetes and Its Complications, 2016, 30, 700-704.	2.3	10
38	Association of serum N <sup>ε</sup> -Carboxy methyl lysine with severity of diabetic retinopathy. Journal of Diabetes and Its Complications, 2016, 30, 511-517.	2.3	23
39	In vivo early retinal structural alterations following laser photocoagulation using three-dimensional spectral domain optical coherence tomography. BMJ Case Reports, 2016, 2016, bcr2016215743.	0.5	3
40	Increased serum level of homocysteine correlates with retinal nerve fiber layer thinning in diabetic retinopathy. Molecular Vision, 2016, 22, 1352-1360.	1.1	24
41	Nitric oxide and oxidative stress is associated with severity of diabetic retinopathy and retinal structural alterations. Clinical and Experimental Ophthalmology, 2015, 43, 429-436.	2.6	58
42	Interrelationship of elevated serum Advanced Glycation End-product levels and malnutrition (Subjective Global Assessment) scores with the severity of retinopathy in type II diabetes. Clinical Nutrition ESPEN, 2015, 10, e42-e48.	1.2	6
43	Peripapillary astrocytic hamartomas evolve from the optic nerve. BMJ Case Reports, 2015, 2015, bcr2014207275-bcr2014207275.	0.5	6
44	Spectral Domain Optical Coherence Tomography Based Alterations in Macular Thickness and Inner Segment Ellipsoid are Associated with Severity of Diabetic Retinopathy. International Journal of Ophthalmology and Clinical Research, 2015, 2, .	0.0	3
45	Photoreceptor inner segment ellipsoid band integrity on spectral domain optical coherence tomography. Clinical Ophthalmology, 2014, 8, 2507.	1.8	42
46	Three-dimensional spectral domain optical coherence tomography in vitreomacular traction. BMJ Case Reports, 2014, 2014, bcr2013202065-bcr2013202065.	0.5	3
47	Three-dimensional spectral domain optical coherence tomography in X linked foveal retinoschisis. BMJ Case Reports, 2013, 2013, bcr2012007661-bcr2012007661.	0.5	4
48	Three-dimensional spectral domain optical coherence tomography imaging of the retina in choroidal tuberculoma. BMJ Case Reports, 2013, 2013, bcr2012008156-bcr2012008156.	0.5	12
49	Ischaemia-reperfusion injury in central retinal artery occlusion. BMJ Case Reports, 2013, 2013, bcr2013201415-bcr2013201415.	0.5	9
50	Status of serum VEGF and ICAM-1 and its association with external limiting membrane and inner segment-outer segment junction disruption in type 2 diabetes mellitus. Molecular Vision, 2013, 19, 1760-8.	1.1	86
51	Three-dimensional spectral domain optical coherence tomography of retina in choroidal metastasis due to uterine endometrial carcinoma. BMJ Case Reports, 2012, 2012, bcr2012006599-bcr2012006599.	0.5	5
52	Three-dimensional spectral domain optical coherence tomography of retina in choroidal metastasis due to breast and lung carcinoma. Journal of Ocular Biology, Diseases, and Informatics, 2012, 5, 9-12.	0.2	4
53	Three-dimensional spectral domain optical coherence tomography in Stargardt disease and fundus flavimaculatus. Journal of Ocular Biology, Diseases, and Informatics, 2012, 5, 13-18.	0.2	3
54	Advanced glycation end products and diabetic retinopathy. Journal of Ocular Biology, Diseases, and Informatics, 2012, 5, 63-69.	0.2	44

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55	3D spectral domain OCT in spontaneous retinal pigment epithelial tear. Journal of Ocular Biology, Diseases, and Informatics, 2012, 5, 70-76.	0.2	2
56	Post-trabeculectomy topical bevacizumab preventing bleb failure: a preliminary study. Journal of Ocular Biology, Diseases, and Informatics, 2012, 5, 89-95.	0.2	1
57	Protein-ligand interaction studies of retinol-binding protein 3 with herbal molecules using AutoDock for the management of Eales' disease. Journal of Ocular Biology, Diseases, and Informatics, 2012, 5, 40-43.	0.2	7
58	Topographic assessment of retinal pigment epithelium detachment in central serous chorioretinopathy by three-dimensional optical coherence tomography single-layer retinal pigment epithelium map. Journal of Ocular Biology, Diseases, and Informatics, 2012, 5, 44-47.	0.2	0
59	Vitreopapillary and vitreomacular traction in proliferative Eales' disease. BMJ Case Reports, 2012, 2012, bcr-2012-007231-bcr-2012-007231.	0.5	5
60	Alterations in <i>in vivo</i> histology of retina in bilateral chronic central serous chorioretinopathy after intravitreal bevacizumab. Journal of Ocular Biology, Diseases, and Informatics, 2011, 4, 137-140.	0.2	1
61	Three-dimensional optical coherence tomography of the optic nerve head with myelinated nerve fibers. Journal of Ocular Biology, Diseases, and Informatics, 2011, 4, 145-148.	0.2	3
62	Three-dimensional imaging by spectral domain optical coherence tomography in central serous chorioretinopathy with fibrin. Journal of Ocular Biology, Diseases, and Informatics, 2011, 4, 149-153.	0.2	6
63	Elevated Tumor Necrosis Factor in Serum Is Associated with Increased Retinal Ischemia in Proliferative Eales' Disease. Pathobiology, 2011, 78, 261-265.	3.8	13
64	Tumor necrosis factor- $\alpha$ -mediated severity of idiopathic retinal periphlebitis in young adults (Eales' disease). Tj ETQq0 0.0 rgBT /Overlock 10 3, 35-38.	0.2	11
65	Association of contrast sensitivity with LogMAR visual acuity and glycosylated hemoglobin in non-insulin dependent diabetes mellitus. Journal of Ocular Biology, Diseases, and Informatics, 2010, 3, 60-63.	0.2	18
66	Elevated lipid peroxides induced angiogenesis in proliferative diabetic retinopathy. Journal of Ocular Biology, Diseases, and Informatics, 2010, 3, 85-87.	0.2	3
67	Comparative modeling of retinol-binding protein-3 and retinal S-antigen in Eales' disease and prediction of their binding sites using computational methods. Journal of Ocular Biology, Diseases, and Informatics, 2010, 3, 88-91.	0.2	8
68	Spectral-domain optical coherence tomography in healed ocular toxoplasmosis. Journal of Ocular Biology, Diseases, and Informatics, 2010, 3, 109-111.	0.2	9
69	Three-dimensional spectral-domain optical coherence tomography of melanocytoma of the optic nerve head. Journal of Ocular Biology, Diseases, and Informatics, 2010, 3, 112-116.	0.2	5
70	Antioxidant Supplementation Improves Platelet Membrane Fluidity in Idiopathic Retinal Periphlebitis (Eales' Disease). Journal of Ocular Pharmacology and Therapeutics, 2010, 26, 623-626.	1.4	8
71	Multiple subconjunctival bevacizumab for advanced primary pterygium. Annals of Ophthalmology, 2010, 42 Spec No, 28-30.	0.0	2
72	Topical Bevacizumab for Corneal Neovascularization after Penetrating Keratoplasty. European Journal of Ophthalmology, 2009, 19, 870-872.	1.3	11

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73	Interleukin-1 and Tumor Necrosis Factor-Alpha: Novel Targets for Immunotherapy in Eales Disease. Ocular Immunology and Inflammation, 2009, 17, 201-206.	1.8	18
74	Combined oral corticosteroid-methotrexate therapy in Eales' disease. Annals of Ophthalmology, 2009, 41, 93-7.	0.0	0
75	New classification system-based visual outcome in Eales' disease. Indian Journal of Ophthalmology, 2007, 55, 267.	1.1	25
76	Decreased Platelet Membrane Fluidity in Retinal Periphlebitis in Eales' Disease. Ocular Immunology and Inflammation, 2006, 14, 113-116.	1.8	15
77	The Topographic Distribution of Retinal Neovascularization in Eales' Disease. Annals of Ophthalmology, 2005, 37, 273-276.	0.0	3
78	Human S-antigen: peptide determinant recognition in uveitis patients. Experimental and Molecular Pathology, 2004, 76, 122-128.	2.1	17
79	Impaired Anti-oxidant Defense Mechanism in Central Eales Disease. Annals of Ophthalmology, 2004, 36, 29-31.	0.0	7
80	Retinal Neovascularization in Eales Disease. Annals of Ophthalmology, 2003, 35, 25-27.	0.0	4
81	Management of vitreous haemorrhage. Indian Journal of Ophthalmology, 2003, 51, 189-96.	1.1	15
82	Visual outcome of patients with central eales disease. Annals of Ophthalmology, 2001, 33, 300-302.	0.0	7
83	Enhanced oxidative stress in eales disease. Annals of Ophthalmology, 2001, 33, 40-42.	0.0	12
84	Efficacy of oral methotrexate pulsed therapy in eales disease. Annals of Ophthalmology, 2000, 32, 60-62.	0.0	4
85	Macular involvement in eales disease. Annals of Ophthalmology, 2000, 32, 98-100.	0.0	12
86	Three-dimensional Retinal Imaging. , 0, , 25-25.		1
87	External Limiting Membrane, Photoreceptor Ellipsoid Zone Disruption, and Retinal Pigment Epithelium Alterations in Diabetic Retinopathy. Annals of the National Academy of Medical Sciences (India), 0, , .	0.3	0