

# 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	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. <i>Molecular Vision</i> , 2013, 19, 1760-8.	1.1	86
2	Nitric oxide in the pathophysiology of retinopathy: evidences from preclinical and clinical researches. <i>Acta Ophthalmologica</i> , 2018, 96, 222-231.	1.1	62
3	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
4	Nitric oxide and oxidative stress is associated with severity of diabetic retinopathy and retinal structural alterations. <i>Clinical and Experimental Ophthalmology</i> , 2015, 43, 429-436.	2.6	58
5	Advanced glycation end products and diabetic retinopathy. <i>Journal of Ocular Biology, Diseases, and Informatics</i> , 2012, 5, 63-69.	0.2	44
6	Photoreceptor inner segment ellipsoid band integrity on spectral domain optical coherence tomography. <i>Clinical Ophthalmology</i> , 2014, 8, 2507.	1.8	42
7	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
8	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
9	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
10	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
11	New classification system-based visual outcome in Eales's disease. <i>Indian Journal of Ophthalmology</i> , 2007, 55, 267.	1.1	25
12	Increased serum level of homocysteine correlates with retinal nerve fiber layer thinning in diabetic retinopathy. <i>Molecular Vision</i> , 2016, 22, 1352-1360.	1.1	24
13	Association of serum N <sup>ε</sup> -Carboxy methyl lysine with severity of diabetic retinopathy. <i>Journal of Diabetes and Its Complications</i> , 2016, 30, 511-517.	2.3	23
14	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
15	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
16	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
17	Interleukin-1 and Tumor Necrosis Factor-Alpha: Novel Targets for Immunotherapy in Eales Disease. <i>Ocular Immunology and Inflammation</i> , 2009, 17, 201-206.	1.8	18
18	Association of contrast sensitivity with LogMAR visual acuity and glycosylated hemoglobin in non-insulin dependent diabetes mellitus. <i>Journal of Ocular Biology, Diseases, and Informatics</i> , 2010, 3, 60-63.	0.2	18

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19	Human S-antigen: peptide determinant recognition in uveitis patients. <i>Experimental and Molecular Pathology</i> , 2004, 76, 122-128.	2.1	17
20	Decreased Platelet Membrane Fluidity in Retinal Periphlebitis in Eales' Disease. <i>Ocular Immunology and Inflammation</i> , 2006, 14, 113-116.	1.8	15
21	Management of vitreous haemorrhage. <i>Indian Journal of Ophthalmology</i> , 2003, 51, 189-96.	1.1	15
22	Elevated Tumor Necrosis Factor in Serum Is Associated with Increased Retinal Ischemia in Proliferative Eales's Disease. <i>Pathobiology</i> , 2011, 78, 261-265.	3.8	13
23	Macular involvement in eales disease. <i>Annals of Ophthalmology</i> , 2000, 32, 98-100.	0.0	12
24	Enhanced oxidative stress in eales disease. <i>Annals of Ophthalmology</i> , 2001, 33, 40-42.	0.0	12
25	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
26	Spectral domain optical coherence tomography based imaging biomarkers for diabetic retinopathy. <i>Endocrine</i> , 2019, 66, 509-516.	2.3	12
27	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
28	Three-dimensional spectral domain optical coherence tomography imaging of the retina in choroidal tuberculoma. <i>BMJ Case Reports</i> , 2013, 2013, bcr2012008156-bcr2012008156.	0.5	12
29	Topical Bevacizumab for Corneal Neovascularization after Penetrating Keratoplasty. <i>European Journal of Ophthalmology</i> , 2009, 19, 870-872.	1.3	11
30	Tumor necrosis factor- $\alpha$ -mediated severity of idiopathic retinal periphlebitis in young adults (Eales's Disease). <i>Journal of Ophthalmology</i> , 2003, 35, 35-38.	0.2	11
31	Antimyeloperoxidase antibody is a biomarker for progression of diabetic retinopathy. <i>Journal of Diabetes and Its Complications</i> , 2016, 30, 700-704.	2.3	10
32	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
33	Spectral-domain optical coherence tomography in healed ocular toxoplasmosis. <i>Journal of Ocular Biology, Diseases, and Informatics</i> , 2010, 3, 109-111.	0.2	9
34	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
35	Safety and efficacy of Razumab (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
36	Ischaemia-reperfusion injury in central retinal artery occlusion. <i>BMJ Case Reports</i> , 2013, 2013, bcr2013201415-bcr2013201415.	0.5	9

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37	Comparative modeling of retinol-binding protein-3 and retinal S-antigen in Eales'™ disease and prediction of their binding sites using computational methods. <i>Journal of Ocular Biology, Diseases, and Informatics</i> , 2010, 3, 88-91.	0.2	8
38	Antioxidant Supplementation Improves Platelet Membrane Fluidity in Idiopathic Retinal Periphlebitis (Eales' Disease). <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2010, 26, 623-626.	1.4	8
39	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
40	External limiting membrane: retinal structural barrier in diabetic macular edema. <i>International Journal of Retina and Vitreous</i> , 2021, 7, 16.	1.9	8
41	Visual outcome of patients with central eales disease. <i>Annals of Ophthalmology</i> , 2001, 33, 300-302.	0.0	7
42	Impaired Anti-oxidant Defense Mechanism in Central Eales Disease. <i>Annals of Ophthalmology</i> , 2004, 36, 29-31.	0.0	7
43	Protein-ligand interaction studies of retinol-binding protein 3 with herbal molecules using AutoDock for the management of Eales'™ disease. <i>Journal of Ocular Biology, Diseases, and Informatics</i> , 2012, 5, 40-43.	0.2	7
44	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
45	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
46	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
47	Three-dimensional imaging by spectral domain optical coherence tomography in central serous chorioretinopathy with fibrin. <i>Journal of Ocular Biology, Diseases, and Informatics</i> , 2011, 4, 149-153.	0.2	6
48	Interrelationship of elevated serum Advanced Glycation End-product levels and malnutrition (Subjective Global Assessment) scores with the severity of retinopathy in type II diabetes. <i>Clinical Nutrition ESPEN</i> , 2015, 10, e42-e48.	1.2	6
49	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
50	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
51	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
52	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
53	Peripapillary astrocytic hamartomas evolve from the optic nerve. <i>BMJ Case Reports</i> , 2015, 2015, bcr2014207275-bcr2014207275.	0.5	6
54	Three-dimensional spectral-domain optical coherence tomography of melanocytoma of the optic nerve head. <i>Journal of Ocular Biology, Diseases, and Informatics</i> , 2010, 3, 112-116.	0.2	5

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55	Three-dimensional spectral domain optical coherence tomography of retina in choroidal metastasis due to uterine endometrial carcinoma. <i>BMJ Case Reports</i> , 2012, 2012, bcr2012006599-bcr2012006599.	0.5	5
56	Vitreopapillary and vitreomacular traction in proliferative Eales' disease. <i>BMJ Case Reports</i> , 2012, 2012, bcr-2012-007231-bcr-2012-007231.	0.5	5
57	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
58	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
59	Efficacy of oral methotrexate pulsed therapy in eales disease. <i>Annals of Ophthalmology</i> , 2000, 32, 60-62.	0.0	4
60	Retinal Neovascularization in Eales Disease. <i>Annals of Ophthalmology</i> , 2003, 35, 25-27.	0.0	4
61	Three-dimensional spectral domain optical coherence tomography of retina in choroidal metastasis due to breast and lung carcinoma. <i>Journal of Ocular Biology, Diseases, and Informatics</i> , 2012, 5, 9-12.	0.2	4
62	Resistive Index of Ophthalmic Artery as a Bioimaging Biomarker for the Severity of Diabetic Retinopathy. <i>Biomarkers Journal</i> , 2017, 03, .	0.2	4
63	Vitamin D supplementation in diabetic retinopathy in the era of COVID-19. <i>Indian Journal of Ophthalmology</i> , 2021, 69, 483.	1.1	4
64	Three-dimensional spectral domain optical coherence tomography in X linked foveal retinoschisis. <i>BMJ Case Reports</i> , 2013, 2013, bcr2012007661-bcr2012007661.	0.5	4
65	The Topographic Distribution of Retinal Neovascularization in Eales' Disease. <i>Annals of Ophthalmology</i> , 2005, 37, 273-276.	0.0	3
66	Elevated lipid peroxides induced angiogenesis in proliferative diabetic retinopathy. <i>Journal of Ocular Biology, Diseases, and Informatics</i> , 2010, 3, 85-87.	0.2	3
67	Three-dimensional optical coherence tomography of the optic nerve head with myelinated nerve fibers. <i>Journal of Ocular Biology, Diseases, and Informatics</i> , 2011, 4, 145-148.	0.2	3
68	Three-dimensional spectral domain optical coherence tomography in Stargardt disease and fundus flavimaculatus. <i>Journal of Ocular Biology, Diseases, and Informatics</i> , 2012, 5, 13-18.	0.2	3
69	Three-dimensional spectral domain optical coherence tomography in vitreomacular traction. <i>BMJ Case Reports</i> , 2014, 2014, bcr2013202065-bcr2013202065.	0.5	3
70	In vivo early retinal structural alterations following laser photocoagulation using three-dimensional spectral domain optical coherence tomography. <i>BMJ Case Reports</i> , 2016, 2016, bcr2016215743.	0.5	3
71	Spectral Domain Optical Coherence Tomography Based Alterations in Macular Thickness and Inner Segment Ellipsoidare Associated with Severity of Diabetic Retinopathy. <i>International Journal of Ophthalmology and Clinical Research</i> , 2015, 2, .	0.0	3
72	3D spectral domain OCT in spontaneous retinal pigment epithelial tear. <i>Journal of Ocular Biology, Diseases, and Informatics</i> , 2012, 5, 70-76.	0.2	2

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73	Otological and Visual Implications of Diabetes Mellitus in North Indian Population. Indian Journal of Otolaryngology and Head and Neck Surgery, 2019, 71, 1639-1651.	0.9	2
74	Increased serum cortisol is associated with alterations in cross-sectional and topographic OCT parameters in diabetic retinopathy: a preliminary study. International Ophthalmology, 2021, 41, 3623-3630.	1.4	2
75	Spectral Domain Optical Coherence Tomography-Based Imaging Biomarkers and Hyperspectral Imaging. , 2017, , 109-114.		2
76	Serum cortisol is a biomolecular biomarker for severity of diabetic retinopathy. Molecular Vision, 2021, 27, 429-437.	1.1	2
77	Elevated advanced glycation end products are associated with subfoveal ellipsoid zone disruption in diabetic macular edema. Indian Journal of Ophthalmology, 2021, 69, 3199.	1.1	2
78	Multiple subconjunctival bevacizumab for advanced primary pterygium. Annals of Ophthalmology, 2010, 42 Spec No, 28-30.	0.0	2
79	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
80	Post-trabeculectomy topical bevacizumab preventing bleb failure: a preliminary study. Journal of Ocular Biology, Diseases, and Informatics, 2012, 5, 89-95.	0.2	1
81	Three-dimensional Retinal Imaging. , 0, , 25-25.		1
82	Focus on external limiting membrane and ellipsoid zone in diabetic macular edema. Indian Journal of Ophthalmology, 2021, 69, 2925.	1.1	1
83	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
84	Vitreoretinal Surgery in Eales'™ Disease. , 2021, , 209-215.		0
85	Eales'™ Disease. Retina Atlas, 2020, , 77-83.	0.0	0
86	Combined oral corticosteroid-methotrexate therapy in Eales' disease. Annals of Ophthalmology, 2009, 41, 93-7.	0.0	0
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