

# Jonathan E Sears

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5749471/publications.pdf>

Version: 2024-02-01

89  
papers

3,379  
citations

201385

27  
h-index

174990

52  
g-index

93  
all docs

93  
docs citations

93  
times ranked

3446  
citing authors

#	ARTICLE	IF	CITATIONS
1	Acute endophthalmitis following intravitreal triamcinolone acetonide injection. American Journal of Ophthalmology, 2003, 136, 791-796.	1.7	400
2	Angiotensin II and Its Receptor Subtypes in the Human Retina. , 2007, 48, 3301.		198
3	Macular traction detachment and diabetic macular edema associated with posterior hyaloidal traction. American Journal of Ophthalmology, 2001, 131, 44-49.	1.7	171
4	Molecular basis for the redox control of nuclear transport of the structural chromatin protein Hmgb1. Experimental Cell Research, 2006, 312, 3526-3538.	1.2	169
5	Anatomical and visual outcomes following ocriplasmin treatment for symptomatic vitreomacular traction syndrome. British Journal of Ophthalmology, 2014, 98, 356-360.	2.1	115
6	Carboxyethylpyrrole oxidative protein modifications stimulate neovascularization: Implications for age-related macular degeneration. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 13480-13484.	3.3	107
7	Prolyl hydroxylase inhibition during hyperoxia prevents oxygen-induced retinopathy. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 19898-19903.	3.3	104
8	Comparative systems pharmacology of HIF stabilization in the prevention of retinopathy of prematurity. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E2516-25.	3.3	95
9	A Change in Oxygen Supplementation Can Decrease the Incidence of Retinopathy of Prematurity. Ophthalmology, 2009, 116, 513-518.	2.5	86
10	Vitreotomy for the Diagnosis and Management of Uveitis of Unknown Cause. Ophthalmology, 2007, 114, 1893-1897.	2.5	75
11	Retinal Pigment Epithelial Tears After Pegaptanib Injection for Exudative Age-related Macular Degeneration. American Journal of Ophthalmology, 2006, 142, 160-162.	1.7	70
12	ENDOPHTHALMITIS AFTER 25-GAUGE TRANSCONJUNCTIVAL SUTURELESS VITRECTOMY. Retina, 2006, 26, 830-831.	1.0	66
13	Clinicopathologic study after submacular removal of choroidal neovascular membranes treated with verteporfin ocular photodynamic therapy. American Journal of Ophthalmology, 2003, 135, 343-350.	1.7	65
14	Verteporfin photodynamic therapy of six eyes with retinal capillary haemangioma. Acta Ophthalmologica, 2010, 88, e334-40.	0.6	64
15	Triamcinolone Acetonide Inhibits IL-6 and VEGF-Induced Angiogenesis Downstream of the IL-6 and VEGF Receptors. , 2006, 47, 4935.		63
16	VESGEN 2D: Automated, User-Interactive Software for Quantification and Mapping of Angiogenic and Lymphangiogenic Trees and Networks. Anatomical Record, 2009, 292, 320-332.	0.8	63
17	Protein s-glutathionylation in retinal pigment epithelium converts heat shock protein 70 to an active chaperone. Experimental Eye Research, 2004, 78, 1085-1092.	1.2	60
18	Reopening of Previously Closed Macular Holes After Cataract Extraction. American Journal of Ophthalmology, 2007, 144, 252-259.	1.7	58

#	ARTICLE	IF	CITATIONS
19	Removal of retained subfoveal perfluoro-n-octane liquid. American Journal of Ophthalmology, 2004, 138, 287-289.	1.7	54
20	Surgical management of subfoveal neovascularization in children. Ophthalmology, 1999, 106, 920-924.	2.5	51
21	Adverse Events after Intravitreal Triamcinolone in Patients with and without Uveitis. Ophthalmology, 2007, 114, 1912-1918.	2.5	51
22	Triamcinolone Acetonide Destabilizes VEGF mRNA in Müller Cells under Continuous Cobalt Stimulation. , 2005, 46, 4336.		50
23	A Novel Segmentation Algorithm for Volumetric Analysis of Macular Hole Boundaries Identified with Optical Coherence Tomography. , 2013, 54, 163.		48
24	Oral eplerenone for the management of chronic central serous chorioretinopathy. International Journal of Ophthalmology, 2015, 8, 310-4.	0.5	48
25	Anatomic Success of Lens-Sparing Vitrectomy with and without Scleral Buckle for Stage 4 Retinopathy of Prematurity. American Journal of Ophthalmology, 2007, 143, 810-813.	1.7	43
26	Evolutionarily conserved long intergenic non-coding RNAs in the eye. Human Molecular Genetics, 2013, 22, 2992-3002.	1.4	41
27	Products of lipid peroxidation induce missorting of the principal lysosomal protease in retinal pigment epithelium. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2004, 1689, 33-41.	1.8	38
28	Predictive factors for short-term visual outcome after intravitreal triamcinolone acetonide injection for diabetic macular oedema: an optical coherence tomography study. British Journal of Ophthalmology, 2007, 91, 761-765.	2.1	36
29	Increased Neovascularization in Mice Lacking Tissue Inhibitor of Metalloproteinases-3. , 2011, 52, 6117.		34
30	Serine and 1-carbon metabolism are required for HIF-mediated protection against retinopathy of prematurity. JCI Insight, 2019, 4, .	2.3	34
31	Immediate Sequential Bilateral Pediatric Vitreoretinal Surgery. Ophthalmology, 2016, 123, 1802-1808.	2.5	32
32	Comparison of Biphasic vs Static Oxygen Saturation Targets Among Infants With Retinopathy of Prematurity. JAMA Ophthalmology, 2019, 137, 417.	1.4	31
33	TRANSIENT CLOSURE OF A RETINAL CAPILLARY HEMANGIOMA WITH VERTEPORFIN PHOTODYNAMIC THERAPY. Retina, 2005, 25, 1103-1104.	1.0	28
34	Tissue Inhibitor of Metalloproteinases-3 Peptides Inhibit Angiogenesis and Choroidal Neovascularization in Mice. PLoS ONE, 2013, 8, e55667.	1.1	28
35	Prolyl Hydroxylase Inhibition During Hyperoxia Prevents Oxygen-Induced Retinopathy in the Rat 50/10 Model. , 2013, 54, 4919.		27
36	Plexiform Pigmented Schwannoma of the Uvea. Survey of Ophthalmology, 2006, 51, 162-168.	1.7	26

#	ARTICLE	IF	CITATIONS
37	Multifocal Posterior Necrotizing Retinitis. American Journal of Ophthalmology, 2007, 143, 1003-1008.e2.	1.7	26
38	Evaluation of Fluocinolone Acetonide Sustained Release Implant (Retisert) Dissociation during Implant Removal and Exchange Surgery. American Journal of Ophthalmology, 2012, 154, 969-973.e1.	1.7	26
39	Inherited Retinal Arteriolar Tortuosity With Retinal Hemorrhages. JAMA Ophthalmology, 1998, 116, 1185.	2.6	25
40	Stickler syndrome. Current Opinion in Ophthalmology, 2019, 30, 306-313.	1.3	24
41	Splice site mutation in the peripherin/RDS gene associated with pattern dystrophy of the retina. American Journal of Ophthalmology, 2001, 132, 693-699.	1.7	23
42	Anti-vascular endothelial growth factor and retinopathy of prematurity. British Journal of Ophthalmology, 2008, 92, 1437-1438.	2.1	23
43	Comparison of anti-VEGF therapies on fibrovascular pigment epithelial detachments in age-related macular degeneration. British Journal of Ophthalmology, 2017, 101, 970-975.	2.1	23
44	Appositional suprachoroidal hemorrhage: A case-control study. American Journal of Ophthalmology, 2004, 138, 959-963.	1.7	22
45	Thirty-year follow-up of a patient with leber congenital amaurosis and novel RPE65 mutations. American Journal of Ophthalmology, 2004, 137, 375-377.	1.7	21
46	Comparison of intravitreal ranibizumab and bevacizumab for the treatment of macular edema secondary to retinal vein occlusion. International Journal of Ophthalmology, 2014, 7, 86-91.	0.5	21
47	Diurnal rhythm of the chromatin protein Hmgb1 in rat photoreceptors is under circadian regulation. Journal of Comparative Neurology, 2007, 501, 219-230.	0.9	20
48	Hyperoxia induces glutamine-fuelled anaplerosis in retinal Müller cells. Nature Communications, 2020, 11, 1277.	5.8	20
49	Macular Hole in the Shaken Baby Syndrome. JAMA Ophthalmology, 2006, 124, 913.	2.6	19
50	Novel mutation in <i>CTNNB1</i> causes familial exudative vitreoretinopathy (FEVR) and microcephaly: case report and review of the literature. Ophthalmic Genetics, 2020, 41, 63-68.	0.5	19
51	Reversal of protein S-glutathiolation by glutaredoxin in the retinal pigment epithelium. Experimental Eye Research, 2003, 76, 155-159.	1.2	17
52	Management of macular hole and submacular hemorrhage in the same eye. Graefe's Archive for Clinical and Experimental Ophthalmology, 2007, 245, 609-611.	1.0	16
53	Aniridia with Preserved Visual Function: A Report of Four Cases with No Mutations in PAX6. American Journal of Ophthalmology, 2008, 145, 760-764.	1.7	16
54	High glucose concentration induces elevated expression of anti-oxidant and proteolytic enzymes in cultured human retinal pigment epithelial cells. Experimental Eye Research, 2006, 83, 602-609.	1.2	15

#	ARTICLE	IF	CITATIONS
55	Acute idiopathic frosted branch angiitis. Journal of AAPOS, 2007, 11, 286-287.	0.2	15
56	Adrenergic-mediated connexin43 phosphorylation in the ocular ciliary epithelium. Current Eye Research, 1998, 17, 104-107.	0.7	14
57	Inducing a Visceral Organ to Protect a Peripheral Capillary Bed. American Journal of Pathology, 2014, 184, 1890-1899.	1.9	14
58	Reduction of Glut1 in the Neural Retina But Not the RPE Alleviates Polyol Accumulation and Normalizes Early Characteristics of Diabetic Retinopathy. Journal of Neuroscience, 2021, 41, 3275-3299.	1.7	14
59	Ocular Findings in IgA Nephropathy With Renal Failure and Hypertension. Journal of Pediatric Ophthalmology and Strabismus, 2006, 43, 378-380.	0.3	14
60	Coats' Disease, Megalopapilla and Cornelia De Lange Syndrome. Ophthalmic Genetics, 2009, 30, 106-108.	0.5	13
61	Long-term Clinical Outcomes of Pars Plana Versus Anterior Chamber Placement of Glaucoma Implant Tubes. Journal of Glaucoma, 2018, 27, 440-444.	0.8	13
62	Transepithelial Transport of Ascorbic Acid by the Isolated Intact Ciliary Epithelial Bilayer of the Rabbit Eye. Journal of Ocular Pharmacology and Therapeutics, 1996, 12, 253-258.	0.6	12
63	Long-Term Assessment of Macular Atrophy in Patients with Age-Related Macular Degeneration Receiving Anti-vascular Endothelial Growth Factor. Ophthalmology Retina, 2018, 2, 550-557.	1.2	12
64	Carboxyethylpyrrole Adducts, Age-related Macular Degeneration and Neovascularization. Advances in Experimental Medicine and Biology, 2008, 613, 261-267.	0.8	12
65	SURGICAL DRAINAGE OF CHRONIC SEROUS RETINAL DETACHMENT ASSOCIATED WITH UVEITIS. Retina, 2008, 28, 282-288.	1.0	11
66	A Novel Case of Bilateral High Myopia, Cataract, and Total Retinal Detachment Associated with Interstitial 11q Deletion. Ophthalmic Genetics, 2010, 31, 84-88.	0.5	11
67	EARLY TREATMENT RESPONSE OF FLUOCINOLONE (RETISERT) IMPLANTATION IN PATIENTS WITH UVEITIC MACULAR EDEMA. Retina, 2013, 33, 873-877.	1.0	11
68	Optical coherence tomography of outer retinal holes in senile retinoschisis and schisis-detachment. British Journal of Ophthalmology, 2017, 101, 445-448.	2.1	10
69	Congenital Optic Nerve Malformations. International Ophthalmology Clinics, 2011, 51, 49-76.	0.3	9
70	3-Hydroxypyruvate Destabilizes Hypoxia Inducible Factor and Induces Angiostasis. , 2018, 59, 3440.		9
71	Intravitreal Bevacizumab for Macular Edema due to Occlusive Vasculitis. Seminars in Ophthalmology, 2007, 22, 105-108.	0.8	8
72	SUBMACULAR SURGERY FOR CHOROIDAL NEOVASCULARIZATION FOLLOWING NOCARDIAL ENDOPHTHALMITIS. Retina, 2004, 24, 161-164.	1.0	7

#	ARTICLE	IF	CITATIONS
73	Rank Order of Small Molecule Induced Hypoxiamimesis to Prevent Retinopathy of Prematurity. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 488.	1.8	7
74	Circadian Aqueous Flow Mediated by $\beta^2$ -arrestin Induced Homologous Desensitization. <i>Experimental Eye Research</i> , 1997, 64, 1005-1011.	1.2	6
75	TRANS-TAMPONADE OPTICAL COHERENCE TOMOGRAPHY. <i>Retina</i> , 2013, 33, 1172-1178.	1.0	6
76	The U.S. National Trend for Retinopathy of Prematurity. <i>American Journal of Perinatology</i> , 2022, 29, 1569-1576.	0.6	6
77	Ciliary body endophotocoagulation during pars plana vitrectomy for pediatric patients with vitreoretinal disorders and glaucoma. <i>American Journal of Ophthalmology</i> , 1998, 126, 723-725.	1.7	5
78	Endogenous oxidoreductase expression is induced by aminoglycosides. <i>Archives of Biochemistry and Biophysics</i> , 2003, 414, 19-23.	1.4	5
79	Stimulating Angiogenesis to Prevent Ischemic Retinopathy. <i>Ophthalmology</i> , 2009, 116, 1597-1598.	2.5	5
80	Indirect Cyclopexy for Repair of Cyclodialysis Clefts. <i>Retina</i> , 2019, 39, S177-S181.	1.0	5
81	Excellent visual outcome following <i>Aspergillus</i> endogenous endophthalmitis in farmer's lung disease. <i>International Ophthalmology</i> , 2010, 30, 99-101.	0.6	4
82	Hyperoxia Inhibits Proliferation of Retinal Endothelial Cells in a Myc-Dependent Manner. <i>Life</i> , 2021, 11, 614.	1.1	4
83	Stimulating retinal blood vessel protection with hypoxia-inducible factor stabilization: identification of novel small-molecule hydrazones to inhibit hypoxia-inducible factor prolyl hydroxylase (an) Tj ETQq1 1 0.784314 rgBT / Overlock 10 1.4 4	1.4	4
84	Oxygen and Retinopathy of Prematurity. <i>International Ophthalmology Clinics</i> , 2011, 51, 17-31.	0.3	3
85	CATT: Into the eye of a tiger. <i>British Journal of Ophthalmology</i> , 2011, 95, 761-761.	2.1	2
86	Pre-Retinal Surgery Identification of Novel Anticoagulation and Antiplatelet Agents. <i>Ophthalmology Retina</i> , 2018, 2, 254-255.	1.2	1
87	MANAGEMENT OF POSTERIORLY DISLOCATED ENDOTHELIAL KERATOPLASTY DONOR LENTICULE. <i>Retinal Cases and Brief Reports</i> , 2011, 5, 163-164.	0.3	0
88	Oxygen Saturation in Infants With Retinopathy of Prematurity—Reply. <i>JAMA Ophthalmology</i> , 2019, 137, 1092.	1.4	0
89	Optic Nerve Compression From MIRAgel Implant Migration in a Monocular Patient. <i>Ophthalmic Surgery Lasers and Imaging Retina</i> , 2018, 49, 815-818.	0.4	0