

Jonathan E Sears

List of Publications by Year in descending order

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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	The U.S. National Trend for Retinopathy of Prematurity. American Journal of Perinatology, 2022, 29, 1569-1576.	0.6	6
2	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
3	Hyperoxia Inhibits Proliferation of Retinal Endothelial Cells in a Myc-Dependent Manner. Life, 2021, 11, 614.	1.1	4
4	Hyperoxia induces glutamine-fuelled anaplerosis in retinal Müller cells. Nature Communications, 2020, 11, 1277.	5.8	20
5	Rank Order of Small Molecule Induced Hypoxiamimesis to Prevent Retinopathy of Prematurity. Frontiers in Cell and Developmental Biology, 2020, 8, 488.	1.8	7
6	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
7	Oxygen Saturation in Infants With Retinopathy of Prematurity—Reply. JAMA Ophthalmology, 2019, 137, 1092.	1.4	0
8	Comparison of Biphasic vs Static Oxygen Saturation Targets Among Infants With Retinopathy of Prematurity. JAMA Ophthalmology, 2019, 137, 417.	1.4	31
9	Stickler syndrome. Current Opinion in Ophthalmology, 2019, 30, 306-313.	1.3	24
10	Indirect Cyclohexy for Repair of Cyclodialysis Clefts. Retina, 2019, 39, S177-S181.	1.0	5
11	Serine and 1-carbon metabolism are required for HIF-mediated protection against retinopathy of prematurity. JCI Insight, 2019, 4, .	2.3	34
12	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
13	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
14	Retinal Surgery Identification of Novel Anticoagulation and Antiplatelet Agents. Ophthalmology Retina, 2018, 2, 254-255.	1.2	1
15	3-Hydroxypyruvate Destabilizes Hypoxia Inducible Factor and Induces Angiostasis. , 2018, 59, 3440.		9
16	Optic Nerve Compression From MIRAgel Implant Migration in a Monocular Patient. Ophthalmic Surgery Lasers and Imaging Retina, 2018, 49, 815-818.	0.4	0
17	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
18	Optical coherence tomography of outer retinal holes in senile retinoschisis and schisis-detachment. British Journal of Ophthalmology, 2017, 101, 445-448.	2.1	10

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19	Immediate Sequential Bilateral Pediatric Vitreoretinal Surgery. <i>Ophthalmology</i> , 2016, 123, 1802-1808.	2.5	32
20	Comparative systems pharmacology of HIF stabilization in the prevention of retinopathy of prematurity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E2516-25.	3.3	95
21	Oral eplerenone for the management of chronic central serous chorioretinopathy. <i>International Journal of Ophthalmology</i> , 2015, 8, 310-4.	0.5	48
22	Anatomical and visual outcomes following ocriplasmin treatment for symptomatic vitreomacular traction syndrome. <i>British Journal of Ophthalmology</i> , 2014, 98, 356-360.	2.1	115
23	Inducing a Visceral Organ to Protect a Peripheral Capillary Bed. <i>American Journal of Pathology</i> , 2014, 184, 1890-1899.	1.9	14
24	Comparison of intravitreal ranibizumab and bevacizumab for the treatment of macular edema secondary to retinal vein occlusion. <i>International Journal of Ophthalmology</i> , 2014, 7, 86-91.	0.5	21
25	Prolyl Hydroxylase Inhibition During Hyperoxia Prevents Oxygen-Induced Retinopathy in the Rat 50/10 Model. , 2013, 54, 4919.		27
26	A Novel Segmentation Algorithm for Volumetric Analysis of Macular Hole Boundaries Identified with Optical Coherence Tomography. , 2013, 54, 163.		48
27	Evolutionarily conserved long intergenic non-coding RNAs in the eye. <i>Human Molecular Genetics</i> , 2013, 22, 2992-3002.	1.4	41
28	EARLY TREATMENT RESPONSE OF FLUOCINOLONE (RETISERT) IMPLANTATION IN PATIENTS WITH UVEITIC MACULAR EDEMA. <i>Retina</i> , 2013, 33, 873-877.	1.0	11
29	TRANS-TAMPONADE OPTICAL COHERENCE TOMOGRAPHY. <i>Retina</i> , 2013, 33, 1172-1178.	1.0	6
30	Tissue Inhibitor of Metalloproteinases-3 Peptides Inhibit Angiogenesis and Choroidal Neovascularization in Mice. <i>PLoS ONE</i> , 2013, 8, e55667.	1.1	28
31	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 2013. 111. 169-79.	1.4	4
32	Evaluation of Fluocinolone Acetonide Sustained Release Implant (Retisert) Dissociation during Implant Removal and Exchange Surgery. <i>American Journal of Ophthalmology</i> , 2012, 154, 969-973.e1.	1.7	26
33	MANAGEMENT OF POSTERIORLY DISLOCATED ENDOTHELIAL KERATOPLASTY DONOR LENTICULE. <i>Retinal Cases and Brief Reports</i> , 2011, 5, 163-164.	0.3	0
34	Oxygen and Retinopathy of Prematurity. <i>International Ophthalmology Clinics</i> , 2011, 51, 17-31.	0.3	3
35	Increased Neovascularization in Mice Lacking Tissue Inhibitor of Metalloproteinases-3. , 2011, 52, 6117.		34
36	CATT: Into the eye of a tiger. <i>British Journal of Ophthalmology</i> , 2011, 95, 761-761.	2.1	2

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37	Congenital Optic Nerve Malformations. <i>International Ophthalmology Clinics</i> , 2011, 51, 49-76.	0.3	9
38	Excellent visual outcome following <i>Aspergillus</i> endogenous endophthalmitis in a farmer's lung disease. <i>International Ophthalmology</i> , 2010, 30, 99-101.	0.6	4
39	A Novel Case of Bilateral High Myopia, Cataract, and Total Retinal Detachment Associated with Interstitial 11q Deletion. <i>Ophthalmic Genetics</i> , 2010, 31, 84-88.	0.5	11
40	Verteporfin photodynamic therapy of six eyes with retinal capillary haemangioma. <i>Acta Ophthalmologica</i> , 2010, 88, e334-40.	0.6	64
41	Coats' Disease, Megalopapilla and Cornelia De Lange Syndrome. <i>Ophthalmic Genetics</i> , 2009, 30, 106-108.	0.5	13
42	VESGEN 2D: Automated, User-Interactive Software for Quantification and Mapping of Angiogenic and Lymphangiogenic Trees and Networks. <i>Anatomical Record</i> , 2009, 292, 320-332.	0.8	63
43	A Change in Oxygen Supplementation Can Decrease the Incidence of Retinopathy of Prematurity. <i>Ophthalmology</i> , 2009, 116, 513-518.	2.5	86
44	Stimulating Angiogenesis to Prevent Ischemic Retinopathy. <i>Ophthalmology</i> , 2009, 116, 1597-1598.	2.5	5
45	Aniridia with Preserved Visual Function: A Report of Four Cases with No Mutations in PAX6. <i>American Journal of Ophthalmology</i> , 2008, 145, 760-764.	1.7	16
46	Prolyl hydroxylase inhibition during hyperoxia prevents oxygen-induced retinopathy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 19898-19903.	3.3	104
47	Anti-vascular endothelial growth factor and retinopathy of prematurity. <i>British Journal of Ophthalmology</i> , 2008, 92, 1437-1438.	2.1	23
48	SURGICAL DRAINAGE OF CHRONIC SEROUS RETINAL DETACHMENT ASSOCIATED WITH UVEITIS. <i>Retina</i> , 2008, 28, 282-288.	1.0	11
49	Carboxyethylpyrrole Adducts, Age-related Macular Degeneration and Neovascularization. <i>Advances in Experimental Medicine and Biology</i> , 2008, 613, 261-267.	0.8	12
50	Intravitreal Bevacizumab for Macular Edema due to Occlusive Vasculitis. <i>Seminars in Ophthalmology</i> , 2007, 22, 105-108.	0.8	8
51	Predictive factors for short-term visual outcome after intravitreal triamcinolone acetonide injection for diabetic macular oedema: an optical coherence tomography study. <i>British Journal of Ophthalmology</i> , 2007, 91, 761-765.	2.1	36
52	Vitrectomy for the Diagnosis and Management of Uveitis of Unknown Cause. <i>Ophthalmology</i> , 2007, 114, 1893-1897.	2.5	75
53	Adverse Events after Intravitreal Triamcinolone in Patients with and without Uveitis. <i>Ophthalmology</i> , 2007, 114, 1912-1918.	2.5	51
54	Anatomic Success of Lens-Sparing Vitrectomy with and without Scleral Buckle for Stage 4 Retinopathy of Prematurity. <i>American Journal of Ophthalmology</i> , 2007, 143, 810-813.	1.7	43

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55	Multifocal Posterior Necrotizing Retinitis. American Journal of Ophthalmology, 2007, 143, 1003-1008.e2.	1.7	26
56	Reopening of Previously Closed Macular Holes After Cataract Extraction. American Journal of Ophthalmology, 2007, 144, 252-259.	1.7	58
57	Acute idiopathic frosted branch angiitis. Journal of AAPOS, 2007, 11, 286-287.	0.2	15
58	Angiotensin II and Its Receptor Subtypes in the Human Retina. , 2007, 48, 3301.		198
59	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
60	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
61	Retinal Pigment Epithelial Tears After Pegaptanib Injection for Exudative Age-related Macular Degeneration. American Journal of Ophthalmology, 2006, 142, 160-162.	1.7	70
62	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
63	Plexiform Pigmented Schwannoma of the Uvea. Survey of Ophthalmology, 2006, 51, 162-168.	1.7	26
64	Macular Hole in the Shaken Baby Syndrome. JAMA Ophthalmology, 2006, 124, 913.	2.6	19
65	ENDOPHTHALMITIS AFTER 25-GAUGE TRANSCONJUNCTIVAL SUTURELESS VITRECTOMY. Retina, 2006, 26, 830-831.	1.0	66
66	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
67	Triamcinolone Acetonide Inhibits IL-6 and VEGF-Induced Angiogenesis Downstream of the IL-6 and VEGF Receptors. , 2006, 47, 4935.		63
68	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
69	Ocular Findings in IgA Nephropathy With Renal Failure and Hypertension. Journal of Pediatric Ophthalmology and Strabismus, 2006, 43, 378-380.	0.3	14
70	TRANSIENT CLOSURE OF A RETINAL CAPILLARY HEMANGIOMA WITH VERTEPORFIN PHOTODYNAMIC THERAPY. Retina, 2005, 25, 1103-1104.	1.0	28
71	Triamcinolone Acetonide Destabilizes VEGF mRNA in Müller Cells under Continuous Cobalt Stimulation. , 2005, 46, 4336.		50
72	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

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73	Products of lipid peroxidation induce missorting of the principal lysosomal protease in retinal pigment epithelium. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2004, 1689, 33-41.	1.8	38
74	Thirty-year follow-up of a patient with leber congenital amaurosis and novel RPE65 mutations. <i>American Journal of Ophthalmology</i> , 2004, 137, 375-377.	1.7	21
75	Removal of retained subfoveal perfluoro-n-octane liquid. <i>American Journal of Ophthalmology</i> , 2004, 138, 287-289.	1.7	54
76	Appositional suprachoroidal hemorrhage: A case-control study. <i>American Journal of Ophthalmology</i> , 2004, 138, 959-963.	1.7	22
77	SUBMACULAR SURGERY FOR CHOROIDAL NEOVASCULARIZATION FOLLOWING NOCARDIAL ENDOPHTHALMITIS. <i>Retina</i> , 2004, 24, 161-164.	1.0	7
78	Clinicopathologic study after submacular removal of choroidal neovascular membranes treated with verteporfin ocular photodynamic therapy. <i>American Journal of Ophthalmology</i> , 2003, 135, 343-350.	1.7	65
79	Acute endophthalmitis following intravitreal triamcinolone acetonide injection. <i>American Journal of Ophthalmology</i> , 2003, 136, 791-796.	1.7	400
80	Reversal of protein S-glutathiolation by glutaredoxin in the retinal pigment epithelium. <i>Experimental Eye Research</i> , 2003, 76, 155-159.	1.2	17
81	Endogenous oxidoreductase expression is induced by aminoglycosides. <i>Archives of Biochemistry and Biophysics</i> , 2003, 414, 19-23.	1.4	5
82	Macular traction detachment and diabetic macular edema associated with posterior hyaloidal traction. <i>American Journal of Ophthalmology</i> , 2001, 131, 44-49.	1.7	171
83	Splice site mutation in the peripherin/RDS gene associated with pattern dystrophy of the retina. <i>American Journal of Ophthalmology</i> , 2001, 132, 693-699.	1.7	23
84	Surgical management of subfoveal neovascularization in children. <i>Ophthalmology</i> , 1999, 106, 920-924.	2.5	51
85	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
86	Adrenergic-mediated connexin43 phosphorylation in the ocular ciliary epithelium. <i>Current Eye Research</i> , 1998, 17, 104-107.	0.7	14
87	Inherited Retinal Arteriolar Tortuosity With Retinal Hemorrhages. <i>JAMA Ophthalmology</i> , 1998, 116, 1185.	2.6	25
88	Circadian Aqueous Flow Mediated by β^2 -arrestin Induced Homologous Desensitization. <i>Experimental Eye Research</i> , 1997, 64, 1005-1011.	1.2	6
89	Transepithelial Transport of Ascorbic Acid by the Isolated Intact Ciliary Epithelial Bilayer of the Rabbit Eye. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 1996, 12, 253-258.	0.6	12