

# Steven E Feldon

## List of Publications by Year in descending order

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118  
papers

5,133  
citations

81900

39  
h-index

98798

67  
g-index

121  
all docs

121  
docs citations

121  
times ranked

3566  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of Acetazolamide on Visual Function in Patients With Idiopathic Intracranial Hypertension and Mild Visual Loss. <i>JAMA - Journal of the American Medical Association</i> , 2014, 311, 1641.	7.4	383
2	The Idiopathic Intracranial Hypertension Treatment Trial. <i>JAMA Neurology</i> , 2014, 71, 693.	9.0	336
3	Topography of the retinal projection upon the superior colliculus of the cat. <i>Vision Research</i> , 1970, 10, 135-143.	1.4	317
4	The fellow eye in naion: report from the ischemic optic neuropathy decompression trial follow-up study. <i>American Journal of Ophthalmology</i> , 2002, 134, 317-328.	3.3	284
5	Thy-1 Expression in Human Fibroblast Subsets Defines Myofibroblastic or Lipofibroblastic Phenotypes. <i>American Journal of Pathology</i> , 2003, 163, 1291-1300.	3.8	237
6	Immune Mechanisms in Thyroid Eye Disease. <i>Thyroid</i> , 2008, 18, 959-965.	4.5	140
7	Clinical Classification of Graves' Ophthalmopathy. <i>JAMA Ophthalmology</i> , 1984, 102, 1469.	2.4	112
8	Clinical Significance of Extraocular Muscle Volumes in Graves' Ophthalmopathy. <i>JAMA Ophthalmology</i> , 1982, 100, 1266.	2.4	104
9	Quantitative Computed Tomography of Graves' Ophthalmopathy. <i>JAMA Ophthalmology</i> , 1985, 103, 213.	2.4	102
10	More Than Structural Cells, Fibroblasts Create and Orchestrate the Tumor Microenvironment. <i>Immunological Investigations</i> , 2006, 35, 297-325.	2.0	99
11	The epidemiology of giant cell arteritis. <i>Ophthalmology</i> , 2001, 108, 1145-1149.	5.2	96
12	Activated Human T Lymphocytes Express Cyclooxygenase-2 and Produce Proadipogenic Prostaglandins that Drive Human Orbital Fibroblast Differentiation to Adipocytes. <i>American Journal of Pathology</i> , 2006, 169, 1183-1193.	3.8	93
13	Baseline OCT Measurements in the Idiopathic Intracranial Hypertension Treatment Trial, Part II: Correlations and Relationship to Clinical Features. <i>Investigative Ophthalmology and Visual Science</i> , 2014, 55, 8173-8179.	3.3	89
14	Visual outcomes comparing surgical techniques for management of severe idiopathic intracranial hypertension. <i>Neurosurgical Focus</i> , 2007, 23, E6.	2.3	85
15	Graves' ophthalmopathy: II. Correlation of clinical signs with measures derived from computed tomography.. <i>British Journal of Ophthalmology</i> , 1988, 72, 678-682.	3.9	79
16	Correction of restricted extraocular muscle motility in surgical management of strabismus in gravesâ€™™ ophthalmopathy1 1The authors have no proprietary interest in any of the materials used in this study.. <i>Ophthalmology</i> , 2002, 109, 384-388.	5.2	76
17	Graves Exophthalmos Unrelated to Extraocular Muscle Enlargement. <i>Ophthalmology</i> , 1991, 98, 1495-1499.	5.2	74
18	Late Overcorrection of Hypotropia in Graves Ophthalmopathy. <i>Ophthalmology</i> , 1992, 99, 356-360.	5.2	74

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19	Baseline OCT Measurements in the Idiopathic Intracranial Hypertension Treatment Trial, Part I: Quality Control, Comparisons, and Variability. <i>Investigative Ophthalmology and Visual Science</i> , 2014, 55, 8180-8188.	3.3	74
20	Retinal and Choroidal Folds in Papilledema. , 2015, 56, 5670.		74
21	Graves' ophthalmopathy: I. Simple CT estimates of extraocular muscle volume.. <i>British Journal of Ophthalmology</i> , 1988, 72, 674-677.	3.9	70
22	The Idiopathic Intracranial Hypertension Treatment Trial. <i>Journal of Neuro-Ophthalmology</i> , 2014, 34, 107-117.	0.8	69
23	Papilledema Outcomes from the Optical Coherence Tomography Substudy of the Idiopathic Intracranial Hypertension Treatment Trial. <i>Ophthalmology</i> , 2015, 122, 1939-1945.e2.	5.2	66
24	Age-related deterioration of motion perception and detection. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 1998, 236, 269-273.	1.9	65
25	The eye and thyroid disease. <i>Current Opinion in Ophthalmology</i> , 2008, 19, 499-506.	2.9	64
26	Isolation and Phenotypic Characterization of Lung Fibroblasts. , 2005, 117, 115-127.		63
27	Bromocriptine Treatment of Prolactin-secreting Tumors: Surgical Implications. <i>Neurosurgery</i> , 1983, 12, 640-642.	1.1	60
28	Thy1 (CD90) controls adipogenesis by regulating activity of the Src family kinase, Fyn. <i>FASEB Journal</i> , 2015, 29, 920-931.	0.5	55
29	Sweep Visual Evoked Potential Evaluation of Contrast Sensitivity in Alzheimer's Dementia. , 2003, 44, 875.		54
30	Late Onset Optic Neuropathy in Methylmalonic and Propionic Acidemia. <i>American Journal of Ophthalmology</i> , 2009, 147, 929-933.	3.3	53
31	The role of restricted motility in determining outcomes for vertical strabismus surgery in graves' ophthalmopathy. <i>Ophthalmology</i> , 2000, 107, 545-549.	5.2	52
32	The Aryl Hydrocarbon Receptor Ligand ITE Inhibits TGF $\beta$ 1-Induced Human Myofibroblast Differentiation. <i>American Journal of Pathology</i> , 2011, 178, 1556-1567.	3.8	51
33	Visual Loss Caused by Rapidly Progressive Intracranial Meningiomas During Pregnancy. <i>Ophthalmology</i> , 1990, 97, 18-21.	5.2	48
34	Corneal Topographic Changes Following Strabismus Surgery in Graves' Disease. <i>Cornea</i> , 1992, 11, 36-40.	1.7	48
35	Orbital Fibroblasts From Thyroid Eye Disease Patients Differ in Proliferative and Adipogenic Responses Depending on Disease Subtype. , 2013, 54, 7370.		48
36	Orbital presentations of giant cell arteritis. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2001, 239, 509-513.	1.9	46

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37	Reliability of Estimating Ductions in Thyroid Eye Disease. <i>Ophthalmology</i> , 2012, 119, 382-389.	5.2	45
38	Choroidal Effusion as a Mechanism for Transient Myopia Induced by Hydrochlorothiazide and Triamterene. <i>American Journal of Ophthalmology</i> , 1995, 120, 395-397.	3.3	44
39	Ocular Fibroblast Diversity: Implications for Inflammation and Ocular Wound Healing. , 2011, 52, 4859.		44
40	Spatial frequency selectivity of periodic complex cells in the visual cortex of the cat. <i>Vision Research</i> , 1978, 18, 665-682.	1.4	43
41	Ophthalmic Manifestations of Maxillary Sinus Mucocoeles. <i>Ophthalmology</i> , 1987, 94, 1013-1019.	5.2	43
42	Graves' ophthalmopathy: V. Aetiology of upper eyelid retraction in Graves' ophthalmopathy.. <i>British Journal of Ophthalmology</i> , 1990, 74, 484-485.	3.9	42
43	Efficacy of Corticosteroids and External Beam Radiation in the Management of Moderate to Severe Thyroid Eye Disease. <i>Journal of Neuro-Ophthalmology</i> , 2007, 27, 205-214.	0.8	42
44	Graves' ophthalmopathy: III. Effect of transantral orbital decompression on optic neuropathy.. <i>British Journal of Ophthalmology</i> , 1988, 72, 683-687.	3.9	40
45	TSHR Signaling Stimulates Proliferation Through PI3K/Akt and Induction of miR-146a and miR-155 in Thyroid Eye Disease Orbital Fibroblasts. , 2019, 60, 4336.		39
46	Visual Fields at Follow-up in the Ischemic Optic Neuropathy Decompression Trial. <i>Ophthalmology</i> , 2008, 115, 1809-1817.	5.2	36
47	Mast Cell-derived Prostaglandin D2 Controls Hyaluronan Synthesis in Human Orbital Fibroblasts via DP1 Activation. <i>Journal of Biological Chemistry</i> , 2010, 285, 15794-15804.	3.4	34
48	Novel anti-adipogenic activity produced by human fibroblasts. <i>American Journal of Physiology - Cell Physiology</i> , 2010, 299, C672-C681.	4.6	33
49	Salinomycin and Other Polyether Ionophores Are a New Class of Antiscarring Agent. <i>Journal of Biological Chemistry</i> , 2015, 290, 3563-3575.	3.4	32
50	The Aryl Hydrocarbon Receptor and Its Ligands Inhibit Myofibroblast Formation and Activation. <i>American Journal of Pathology</i> , 2016, 186, 3189-3202.	3.8	31
51	Clinical Manifestations of Brawny Scleritis. <i>American Journal of Ophthalmology</i> , 1978, 85, 781-787.	3.3	30
52	Anterior ischemic optic neuropathy: Classification of field defects by Octopusâ„¢ automated static perimetry. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 1988, 226, 206-212.	1.9	30
53	DISORDERED INHIBITION IN INTERNUCLEAR OPTHALMOPLEGIA. <i>Brain</i> , 1980, 103, 113-137.	7.6	29
54	Peroxisome Proliferator-activated Receptor Î³ Ligands Inhibit Transforming Growth Factor-Î²-induced, Hyaluronan-dependent, T Cell Adhesion to Orbital Fibroblasts. <i>Journal of Biological Chemistry</i> , 2011, 286, 18856-18867.	3.4	29

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55	Oculomotor Effects of Intermittent Conduction Block in Myasthenia Gravis and Guillain-Barré Syndrome. <i>Archives of Neurology</i> , 1982, 39, 497.	4.5	27
56	Comparison of information obtained by operative note abstraction with that recorded on a standardized data collection form. <i>Surgery</i> , 2003, 133, 324-330.	1.9	27
57	The relation of Graves' ophthalmopathy to circulating thyroid hormone status. <i>British Journal of Ophthalmology</i> , 2004, 88, 72-74.	3.9	27
58	Radiation therapy for Graves' ophthalmopathy: trick or treat?. <i>Ophthalmology</i> , 2001, 108, 1521-1522.	5.2	26
59	Probability of Success in the Ophthalmology Residency Match: Three-Year Outcomes Analysis of San Francisco Matching Program Data. <i>Journal of Academic Ophthalmology (2017)</i> , 2018, 10, e150-e157.	0.5	25
60	Photographic Reading Center of the Idiopathic Intracranial Hypertension Treatment Trial (IIHTT): Methods and Baseline Results. , 2015, 56, 3292.		24
61	Electrophilic PPAR $\beta$ ligands inhibit corneal fibroblast to myofibroblast differentiation in vitro: A potentially novel therapy for corneal scarring. <i>Experimental Eye Research</i> , 2012, 94, 136-145.	2.6	22
62	The Effect of Treatment of Idiopathic Intracranial Hypertension on Prevalence of Retinal and Choroidal Folds. <i>American Journal of Ophthalmology</i> , 2017, 176, 77-86.	3.3	22
63	Extraocular muscle changes in experimental orbital venous stasis: some similarities to graves' orbitopathy. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 1996, 234, 331-336.	1.9	21
64	Utilization, Diagnosis, Treatment and Cost of Migraine Treatment in the Emergency Department. <i>Headache</i> , 2009, 49, 1163-1173.	3.9	21
65	Monocularly and binocularly evoked visual responses to patterned half-field stimulation. <i>Journal of the Neurological Sciences</i> , 1980, 46, 281-290.	0.6	20
66	Graves' Ophthalmopathy. <i>JAMA Ophthalmology</i> , 1990, 108, 1568.	2.4	18
67	Lemierre Syndrome Causing Bilateral Cavernous Sinus Thrombosis. <i>Journal of Neuro-Ophthalmology</i> , 2012, 32, 341-344.	0.8	18
68	Mapracorat, a selective glucocorticoid receptor agonist, upregulates RelB, an anti-inflammatory nuclear factor-kappaB protein, in human ocular cells. <i>Experimental Eye Research</i> , 2014, 127, 290-298.	2.6	18
69	The aryl hydrocarbon receptor pathway controls matrix metalloproteinase-1 and collagen levels in human orbital fibroblasts. <i>Scientific Reports</i> , 2020, 10, 8477.	3.3	18
70	Clinical and Computed Tomographic Findings in the Foster Kennedy Syndrome. <i>American Journal of Ophthalmology</i> , 1982, 93, 317-322.	3.3	16
71	Cause of Enophthalmos Secondary to Maxillary Sinus Mucocele. <i>American Journal of Ophthalmology</i> , 1983, 95, 838-840.	3.3	16
72	A novel ELISpot method for adherent cells. <i>Journal of Immunological Methods</i> , 2004, 291, 63-70.	1.4	16

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73	Late Onset Dysthyroid Optic Neuropathy. <i>Thyroid</i> , 1994, 4, 213-216.	4.5	15
74	The Relationship Between Optic Disc Volume, Area, and Fris�n Score in Patients With Idiopathic Intracranial Hypertension. <i>American Journal of Ophthalmology</i> , 2018, 195, 101-109.	3.3	15
75	Improvement of Thyroid Eye Disease Following Treatment with the Cyclooxygenase-2 Selective Inhibitor Celecoxib. <i>Thyroid</i> , 2008, 18, 911-914.	4.5	14
76	Proton pump inhibitors attenuate myofibroblast formation associated with thyroid eye disease through the aryl hydrocarbon receptor. <i>PLoS ONE</i> , 2019, 14, e0222779.	2.5	14
77	MicroRNA-130a Is Elevated in Thyroid Eye Disease and Increases Lipid Accumulation in Fibroblasts Through the Suppression of AMPK. , 2021, 62, 29.		14
78	Exudative retinal detachment in relapsing polychondritis. <i>Ophthalmology</i> , 2001, 108, 1156-1159.	5.2	12
79	Development and validation of a computerized expert system for evaluation of automated visual fields from the Ischemic Optic Neuropathy Decompression Trial. <i>BMC Ophthalmology</i> , 2006, 6, 34.	1.4	11
80	The polyether ionophore salinomycin targets multiple cellular pathways to block proliferative vitreoretinopathy pathology. <i>PLoS ONE</i> , 2019, 14, e0222596.	2.5	11
81	Septic cavernous sinus thrombosis following transsphenoidal craniotomy. <i>Journal of Neurosurgery</i> , 1996, 85, 949-952.	1.6	10
82	Surgical quality assurance in the Ischemic Optic Neuropathy Decompression Trial (IONDT). <i>Contemporary Clinical Trials</i> , 2003, 24, 294-305.	1.9	10
83	The Eger Macular Stressometer: pilot study. <i>American Journal of Ophthalmology</i> , 2003, 136, 314-317.	3.3	8
84	Rationale for Radiotherapy in Thyroid Eye Disease. <i>American Journal of Ophthalmology</i> , 2009, 148, 818-819.	3.3	8
85	Integrating the Internship into Ophthalmology Residency Programs. <i>Ophthalmology</i> , 2016, 123, 2037-2041.	5.2	8
86	More than Meets the Eye: The Aryl Hydrocarbon Receptor is an Environmental Sensor, Physiological Regulator and a Therapeutic Target in Ocular Disease. <i>Frontiers in Toxicology</i> , 2022, 4, 791082.	3.1	8
87	Graves' Ophthalmopathy. <i>Archives of Internal Medicine</i> , 1990, 150, 948.	3.8	7
88	Computerized expert system for evaluation of automated visual fields from the Ischemic Optic Neuropathy Decompression Trial: methods, baseline fields, and six-month longitudinal follow-up. <i>Transactions of the American Ophthalmological Society</i> , 2004, 102, 269-303.	1.4	7
89	Reversible choroidal vascular insufficiency without infarction in temporal arteritis. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 1982, 218, 327-330.	1.9	6
90	Variability of Retinal Vessel Tortuosity Measurements Using a Semiautomated Method Applied to Fundus Images in Subjects With Papilledema. <i>Translational Vision Science and Technology</i> , 2021, 10, 32.	2.2	6

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91	Periodic complex cells in cortical area 19 of the cat. <i>Vision Research</i> , 1978, 18, 347-350.	1.4	5
92	Retinal Arteriolar Spasm During Transient Monocular Visual Loss in Eosinophilic Vasculitis. <i>Journal of Neuro-Ophthalmology</i> , 2009, 29, 58-61.	0.8	5
93	Coup de Sabre Presenting With Worsening Diplopia and Enophthalmos. <i>Ophthalmic Plastic and Reconstructive Surgery</i> , 2011, 27, e97-e98.	0.8	5
94	Assessment of disease severity. , 2000, , 39-57.		5
95	Salinomycin inhibits proliferative vitreoretinopathy formation in a mouse model. <i>PLoS ONE</i> , 2020, 15, e0243626.	2.5	5
96	Classification of Graves' Ophthalmopathy. <i>Thyroid</i> , 1993, 3, 171-171.	4.5	4
97	Retinal vessel diameter changes after 6 months of treatment in the Idiopathic Intracranial Hypertension Treatment Trial. <i>British Journal of Ophthalmology</i> , 2020, 104, 1430-1434.	3.9	4
98	Amaurosis fugax due to isolated atherosclerotic carotid artery disease in a young woman. <i>Annals of Neurology</i> , 1977, 2, 541-542.	5.3	3
99	Reverse Collier's Sign: Pseudoblepharoptosis Associated With Downgaze Paralysis. <i>American Journal of Ophthalmology</i> , 1983, 95, 120-121.	3.3	3
100	Relaxed Muscle Positioning Technique. <i>Ophthalmology</i> , 2007, 114, 2104-2105.	5.2	3
101	The Neuro-Ophthalmology Research Disease Investigator Consortium (NORDIC). <i>Journal of Neuro-Ophthalmology</i> , 2009, 29, 259-261.	0.8	3
102	Thinking inside the box: Current insights into targeting orbital tissue remodeling and inflammation in thyroid eye disease. <i>Survey of Ophthalmology</i> , 2022, 67, 858-874.	4.0	3
103	Orbital lymphoma in a patient with Felty's syndrome.. <i>British Journal of Ophthalmology</i> , 1992, 76, 173-174.	3.9	2
104	Management of Graves' Ophthalmopathy With Optic Nerve Involvement. <i>Mayo Clinic Proceedings</i> , 1993, 68, 616-617.	3.0	2
105	Refractive changes induced by electrocautery of the rabbit anterior lens capsule. <i>Journal of Cataract and Refractive Surgery</i> , 1994, 20, 132-137.	1.5	2
106	Optic neuritis and the risk of multiple sclerosisâ€”what can we learn from a brain MRI scan?. <i>Nature Clinical Practice Neurology</i> , 2008, 4, 532-533.	2.5	2
107	The Immunopathology of Giant Cell Arteritis. <i>Journal of Neuro-Ophthalmology</i> , 2014, 34, 100-101.	0.8	1
108	Eye movement recordings in gyrate atrophy of the retina. <i>Experimental Eye Research</i> , 1982, 34, 293-295.	2.6	0

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109	Macular degeneration secondary to benign orbital mass. Orbit, 1991, 10, 1-3.	0.8	0
110	North American Neuro-Ophthalmology Fellowships to Begin Voluntary Participation in Standard Guidelines Program in July 2006. Journal of Neuro-Ophthalmology, 2006, 26, 81.	0.8	0
111	Sinus Opacification Associated With Exacerbation of Thyroid Eye Disease. Ophthalmic Plastic and Reconstructive Surgery, 2010, 26, 233-237.	0.8	0
112	Reply re: "Sinus Opacification Associated With Exacerbation of Thyroid Eye Disease". Ophthalmic Plastic and Reconstructive Surgery, 2011, 27, 304-305.	0.8	0
113	Visual Fields in Retinal Disease. , 2013, , 307-328.		0
114	Author Response: Choroidal Folds in Astronauts. , 2016, 57, 593.		0
115	Current Shortcomings of Camera Screening. JAMA Internal Medicine, 2017, 177, 1539.	5.1	0
116	THE EPIDEMIOLOGY OF GIANT CELL ARTERITIS. Evidence-Based Eye Care, 2002, 3, 16-17.	0.2	0
117	Visual Fields in Retinal Disease. , 2006, , 235-252.		0
118	Re: Fairless et al.: Ophthalmology departments remain among the least diverse clinical departments at United States medical schools (Ophthalmology. 2021;128:1129-1134). Ophthalmology, 2022, 129, e7-e8.	5.2	0