

Steffen Hamann

List of Publications by Year in descending order

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93
papers

4,350
citations

201385

27
h-index

110170

64
g-index

98
all docs

98
docs citations

98
times ranked

4282
citing authors

#	ARTICLE	IF	CITATIONS
1	American College of Rheumatology classification criteria for Sjögren's syndrome: A data-driven, expert consensus approach in the Sjögren's International Collaborative Clinical Alliance Cohort. <i>Arthritis Care and Research</i> , 2012, 64, 475-487.	1.5	1,127
2	A Simplified Quantitative Method for Assessing Keratoconjunctivitis Sicca From the Sjögren's Syndrome International Registry. <i>American Journal of Ophthalmology</i> , 2010, 149, 405-415.	1.7	373
3	Aquaporins in complex tissues: distribution of aquaporins 1-5 in human and rat eye. <i>American Journal of Physiology - Cell Physiology</i> , 1998, 274, C1332-C1345.	2.1	262
4	Associations between salivary gland histopathologic diagnoses and phenotypic features of Sjögren's syndrome among 1,726 registry participants. <i>Arthritis and Rheumatism</i> , 2011, 63, 2021-2030.	6.7	237
5	Artificial Intelligence to Detect Papilledema from Ocular Fundus Photographs. <i>New England Journal of Medicine</i> , 2020, 382, 1687-1695.	13.9	214
6	Measurement of Cell Volume Changes by Fluorescence Self-Quenching. <i>Journal of Fluorescence</i> , 2002, 12, 139-145.	1.3	145
7	The Optic Disc Drusen Studies Consortium Recommendations for Diagnosis of Optic Disc Drusen Using Optical Coherence Tomography. <i>Journal of Neuro-Ophthalmology</i> , 2018, 38, 299-307.	0.4	140
8	Water transport in the brain: Role of cotransporters. <i>Neuroscience</i> , 2004, 129, 1029-1042.	1.1	105
9	Cotransport of water by the Na ⁺ -K ⁺ -2Cl ⁻ cotransporter NKCC1 in mammalian epithelial cells. <i>Journal of Physiology</i> , 2010, 588, 4089-4101.	1.3	100
10	Molecular mechanisms of water transport in the eye. <i>International Review of Cytology</i> , 2002, 215, 395-431.	6.2	92
11	Optic disc drusen: understanding an old problem from a new perspective. <i>Acta Ophthalmologica</i> , 2018, 96, 673-684.	0.6	85
12	Cotransport of H ⁺ , lactate and H ₂ O by membrane proteins in retinal pigment epithelium of bullfrog. <i>Journal of Physiology</i> , 1996, 497, 3-17.	1.3	80
13	The course of headache in idiopathic intracranial hypertension: a 12-month prospective follow-up study. <i>European Journal of Neurology</i> , 2014, 21, 1458-1464.	1.7	75
14	Cotransport of H ⁺ , lactate, and H ₂ O in porcine retinal pigment epithelial cells. <i>Experimental Eye Research</i> , 2003, 76, 493-504.	1.2	72
15	The SSB-positive/SSA-negative antibody profile is not associated with key phenotypic features of Sjögren's syndrome. <i>Annals of the Rheumatic Diseases</i> , 2015, 74, 1557-1561.	0.5	71
16	Water permeability of Na ⁺ -K ⁺ -2Cl ⁻ cotransporters in mammalian epithelial cells. <i>Journal of Physiology</i> , 2005, 568, 123-135.	1.3	63
17	Human retinal pigment epithelial cell-induced apoptosis in activated T cells. <i>Investigative Ophthalmology and Visual Science</i> , 1998, 39, 1590-9.	3.3	55
18	Peripapillary Retinal Nerve Fiber Layer Thickness Corresponds to Drusen Location and Extent of Visual Field Defects in Superficial and Buried Optic Disc Drusen. <i>Journal of Neuro-Ophthalmology</i> , 2016, 36, 41-45.	0.4	53

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19	Optic Disc Drusen in Children: The Copenhagen Child Cohort 2000 Eye Study. <i>Journal of Neuro-Ophthalmology</i> , 2018, 38, 140-146.	0.4	52
20	Optic Disc Classification by Deep Learning versus Expert Neuro-Ophthalmologists. <i>Annals of Neurology</i> , 2020, 88, 785-795.	2.8	48
21	Natural History and Predictors of Progression to Sjögren's Syndrome Among Participants of the Sjögren's International Collaborative Clinical Alliance Registry. <i>Arthritis Care and Research</i> , 2018, 70, 284-294.	1.5	43
22	Young Adults With Anterior Ischemic Optic Neuropathy: A Multicenter Optic Disc Drusen Study. <i>American Journal of Ophthalmology</i> , 2020, 217, 174-181.	1.7	41
23	Peripapillary Hyper-reflective Ovoid Mass-like Structure (PHOMS): An Optical Coherence Tomography Marker of Axoplasmic Stasis in the Optic Nerve Head. <i>Journal of Neuro-Ophthalmology</i> , 2021, 41, 431-441.	0.4	41
24	Quantitatively Measured Anatomic Location and Volume of Optic Disc Drusen: An Enhanced Depth Imaging Optical Coherence Tomography Study. , 2017, 58, 2491.		40
25	Aquaporins 6-12 in the human eye. <i>Acta Ophthalmologica</i> , 2013, 91, 557-563.	0.6	34
26	Peripapillary Ovoid Hyperreflectivity in Optic Disc Edema and Pseudopapilledema. <i>Ophthalmology</i> , 2018, 125, 1662-1664.	2.5	33
27	Artificial intelligence extension of the OSCAR criteria. <i>Annals of Clinical and Translational Neurology</i> , 2021, 8, 1528-1542.	1.7	33
28	Long-term evolution of superficial optic disc drusen. <i>Acta Ophthalmologica</i> , 2017, 95, 352-356.	0.6	32
29	Prevalence of Optic Disc Drusen in Young Patients With Nonarteritic Anterior Ischemic Optic Neuropathy: A 10-Year Retrospective Study. <i>Journal of Neuro-Ophthalmology</i> , 2021, 41, 200-205.	0.4	29
30	Combined central retinal artery and vein occlusion in Churg-Strauss syndrome: case report. <i>Acta Ophthalmologica</i> , 2006, 84, 703-706.	0.4	28
31	Prevalence and histopathological signatures of optic disc drusen based on microscopy of 1713 enucleated eyes. <i>Acta Ophthalmologica</i> , 2020, 98, 195-200.	0.6	28
32	Transport of protons and lactate in cultured human fetal retinal pigment epithelial cells. <i>Pflügers Archiv European Journal of Physiology</i> , 2000, 440, 84-92.	1.3	24
33	The Role of Optical Coherence Tomography in Differentiating Optic Disc Drusen from Optic Disc Edema. <i>Asia-Pacific Journal of Ophthalmology</i> , 2019, 7, 271-279.	1.3	24
34	Oxidative Stress in Optic Neuropathies. <i>Antioxidants</i> , 2021, 10, 1538.	2.2	24
35	Anterior Lamina Cribrosa Surface Position in Idiopathic Intracranial Hypertension and Glaucoma. <i>European Journal of Ophthalmology</i> , 2017, 27, 55-61.	0.7	21
36	Peripapillary Hyperreflective Ovoid Mass-Like Structures: Is It Optic Disc Drusen or Not?: Response. <i>Journal of Neuro-Ophthalmology</i> , 2018, 38, 568-570.	0.4	21

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37	Longitudinal Development of Peripapillary Hyperreflective Ovoid Masslike Structures Suggests a Novel Pathological Pathway in Multiple Sclerosis. <i>Annals of Neurology</i> , 2020, 88, 309-319.	2.8	21
38	Microcystic macular oedema in optic neuropathy: case series and literature review. <i>Clinical and Experimental Ophthalmology</i> , 2018, 46, 1075-1086.	1.3	19
39	Progression Over 5 Years of Prelaminar Hyperreflective Lines to Optic Disc Drusen in the Copenhagen Child Cohort 2000 Eye Study. <i>Journal of Neuro-Ophthalmology</i> , 2020, 40, 315-321.	0.4	19
40	Altered aquaporin expression in glaucoma eyes. <i>Apmis</i> , 2014, 122, 772-780.	0.9	18
41	Long-term visual outcome in a Danish population of patients with idiopathic intracranial hypertension. <i>Acta Ophthalmologica</i> , 2018, 96, 719-723.	0.6	18
42	An ontological foundation for ocular phenotypes and rare eye diseases. <i>Orphanet Journal of Rare Diseases</i> , 2019, 14, 8.	1.2	18
43	Optic Disc Drusen Associated Anterior Ischemic Optic Neuropathy: Prevalence of Comorbidities and Vascular Risk Factors. <i>Journal of Neuro-Ophthalmology</i> , 2020, 40, 356-361.	0.4	16
44	Quantification of retinal layer thickness changes in acute macular neuroretinopathy. <i>British Journal of Ophthalmology</i> , 2017, 101, 160-165.	2.1	15
45	The Influence of Volume and Anatomic Location of Optic Disc Drusen on the Sensitivity of Autofluorescence. <i>Journal of Neuro-Ophthalmology</i> , 2019, 39, 23-27.	0.4	15
46	Multirater Validation of Peripapillary Hyperreflective Ovoid Mass-like Structures (PHOMS). <i>Neuro-Ophthalmology</i> , 2020, 44, 413-414.	0.4	15
47	Non-invasive measurement techniques for quantitative assessment of optic nerve head blood flow. <i>European Journal of Ophthalmology</i> , 2020, 30, 235-244.	0.7	14
48	RE: Traber et al.: Enhanced depth imaging optical coherence tomography of optic nerve head drusen: a comparison of cases with and without visual field loss (<i>Ophthalmology</i> . 2017;124:66-73). <i>Ophthalmology</i> , 2017, 124, e55-e56.	2.5	13
49	Aquaporins in the Eye. <i>Advances in Experimental Medicine and Biology</i> , 2017, 969, 193-198.	0.8	10
50	Seasonal variation in biopsy-proven giant cell arteritis in Eastern Denmark from 1990 to 2018. <i>Acta Ophthalmologica</i> , 2021, 99, 527-532.	0.6	10
51	Osmolality of Cerebrospinal Fluid from Patients with Idiopathic Intracranial Hypertension (IIH). <i>PLoS ONE</i> , 2016, 11, e0146793.	1.1	9
52	Comparison of temporal artery ultrasound versus biopsy in the diagnosis of giant cell arteritis. <i>Eye</i> , 2023, 37, 344-349.	1.1	9
53	Optical coherence tomography documenting retinal nerve fiber loss in traumatic optic chiasmal syndrome. <i>Acta Ophthalmologica</i> , 2012, 90, 792-794.	0.6	8
54	Exploring the methods of data analysis in multifocal visual evoked potentials. <i>Documenta Ophthalmologica</i> , 2016, 133, 41-48.	1.0	8

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55	Unilateral Optic Nerve Sheath Fenestration in Idiopathic Intracranial Hypertension: A 6-Month Follow-Up Study on Visual Outcome and Prognostic Markers. <i>Life</i> , 2021, 11, 778.	1.1	8
56	The impact of obesity-related raised intracranial pressure in rodents. <i>Scientific Reports</i> , 2022, 12, .	1.6	8
57	Binasal hemianopia due to bilateral internal carotid artery atherosclerosis. <i>Acta Ophthalmologica</i> , 2015, 93, 486-487.	0.6	7
58	Aquaporin-1 Expression in Retinal Pigment Epithelial Cells Overlying Retinal Drusen. <i>Ophthalmic Research</i> , 2016, 55, 180-184.	1.0	7
59	An Estimation of the Risk of Pseudotumor Cerebri among Users of the Levonorgestrel Intrauterine Device. <i>Neuro-Ophthalmology</i> , 2017, 41, 192-197.	0.4	7
60	Determination of peripapillary vessel density in optic disc drusen using EDI-OCT and OCT angiography. <i>Experimental Eye Research</i> , 2020, 197, 108123.	1.2	7
61	A 360-degree peripapillary hyper-reflective ovoid mass-like structure (PHOMS). <i>Canadian Journal of Ophthalmology</i> , 2021, 56, 146.	0.4	7
62	Multifocal visual evoked potentials for quantifying optic nerve dysfunction in patients with optic disc drusen. <i>Acta Ophthalmologica</i> , 2017, 95, 357-362.	0.6	6
63	OCT based interpretation of the optic nerve head anatomy in young adults with retinal vascular occlusions and ischemic optic neuropathy. <i>European Journal of Ophthalmology</i> , 2021, 31, 2563-2570.	0.7	6
64	Branch retinal vein occlusion precipitated by compression between a major retinal artery and underlying optic disc drusen. <i>Acta Ophthalmologica</i> , 2021, 99, 931-933.	0.6	6
65	Detection of oedema on optical coherence tomography images using deep learning model trained on noisy clinical data. <i>Acta Ophthalmologica</i> , 2022, 100, 103-110.	0.6	6
66	OCT Based Interpretation of the Optic Nerve Head Anatomy and Prevalence of Optic Disc Drusen in Patients with Idiopathic Intracranial Hypertension (IIH). <i>Life</i> , 2021, 11, 584.	1.1	6
67	Awareness, Diagnosis and Management of Idiopathic Intracranial Hypertension. <i>Life</i> , 2021, 11, 718.	1.1	6
68	Bilateral optic neuropathy in a patient with familial amyloidotic polyneuropathy. <i>BMJ Case Reports</i> , 2013, 2013, bcr2013200445-bcr2013200445.	0.2	6
69	Transorbital sonography: A non-invasive bedside screening tool for detection of pseudotumor cerebri syndrome. <i>Cephalalgia</i> , 2022, 42, 1116-1126.	1.8	6
70	Volumetric Measurement of Peripapillary Hyperreflective Ovoid Masslike Structures in Patients with Optic Disc Drusen. <i>Ophthalmology Science</i> , 2022, 2, 100096.	1.0	5
71	Automated artificial intelligence-based system for clinical follow-up of patients with age-related macular degeneration. <i>Acta Ophthalmologica</i> , 2022, 100, 927-936.	0.6	5
72	Water homeostasis in the ischaemic retina: is aquaporin-4 involved?. <i>Acta Ophthalmologica</i> , 2005, 83, 523-525.	0.4	4

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73	Photographic Documentation of Optic Disc Drusen Over More Than 50 Years. <i>JAMA Ophthalmology</i> , 2017, 135, e165470.	1.4	4
74	Comment on: Morphologic Features of Buried Optic Disc Drusen on En Face Optical Coherence Tomography and Optical Coherence Tomography Angiography. <i>American Journal of Ophthalmology</i> , 2020, 219, 369-370.	1.7	4
75	Optic Nerve Head Blood Flow Analysis in Patients with Optic Disc Drusen Using Laser Speckle Flowgraphy. <i>Neuro-Ophthalmology</i> , 2021, 45, 92-98.	0.4	4
76	The Angioarchitecture of the Optic Nerve Head in Patients with Optic Disc Drusen. <i>Neuro-Ophthalmology</i> , 2020, 44, 5-10.	0.4	3
77	Evolving Evidence in Idiopathic Intracranial Hypertension. <i>Life</i> , 2021, 11, 1225.	1.1	3
78	Substantial Visual Field Loss Associated With Giant Optic Disc Drusen. <i>JAMA Ophthalmology</i> , 2017, 135, e174778.	1.4	2
79	Bilateral Vertebral Artery Vasculitis—A Rare Manifestation of Giant Cell Arteritis and a Difficult Diagnosis Made Possible by 2-[18F]FDG PET/CT. <i>Diagnostics</i> , 2021, 11, 879.	1.3	2
80	Chloride Transporters as Water Pumps. , 2010, , 545-568.		2
81	Profound bilateral visual loss after hysterectomy indicated for severe postpartum haemorrhage. <i>BMJ Case Reports</i> , 2014, 2014, bcr2013201173-bcr2013201173.	0.2	2
82	Enhanced depth imaging optical coherence tomography of the optic nerve head improves correct diagnosis in glaucoma suspects without glaucomatous optic disc morphology. <i>BMJ Case Reports</i> , 2022, 15, e248109.	0.2	2
83	An update on the clinical approach to giant cell arteritis. <i>Clinical Medicine</i> , 2022, 22, 107-111.	0.8	2
84	Optic Nerve Head Anatomy and Vascular Risk Factors in Patients With Optic Disc Drusen Associated Anterior Ischemic Optic Neuropathy. <i>American Journal of Ophthalmology</i> , 2022, 242, 156-164.	1.7	2
85	The Melanopsin-Mediated Pupillary Light Response Is Not Changed in Patients with Newly Diagnosed Idiopathic Intracranial Hypertension. <i>Neuro-Ophthalmology</i> , 2018, 42, 65-72.	0.4	1
86	Peripapillary Vessel Density in Relation to Optic Disc Drusen: A Multimodal Optical Coherence Tomography Study. <i>Journal of Neuro-Ophthalmology</i> , 2023, 43, 185-190.	0.4	1
87	APICAL ATROPHY OF RETINAL PIGMENT EPITHELIAL DETACHMENTS IN CENTRAL SEROUS CHORIORETINOPATHY. <i>Retinal Cases and Brief Reports</i> , 2012, 6, 116-121.	0.3	0
88	Identical Horner Syndrome in Homozygotic Twins Caused by Non-Traumatic Internal Carotid Artery Dissection. <i>Neuro-Ophthalmology</i> , 2020, 44, 24-27.	0.4	0
89	Ipsilateral Recurrence of Optic Disc Drusen—Associated Anterior Ischemic Optic Neuropathy in a 15-Year-Old Boy. <i>Journal of Neuro-Ophthalmology</i> , 2021, 41, e36-e38.	0.4	0
90	Optic disc drusen diagnosed by optical coherence tomography in a 3-year-old child. <i>Acta Ophthalmologica</i> , 2021, 99, e972.	0.6	0

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91	Multiplexed optical coherence tomography imaging of optic disc drusen. Indian Journal of Ophthalmology, 2020, 68, 2531.	0.5	0
92	Diabetic papillopathy in patients with optic disc drusen: Description of two different phenotypes. European Journal of Ophthalmology, 2022, , 112067212211009.	0.7	0
93	Intracranial pressure and optic disc changes in a rat model of obstructive hydrocephalus. BMC Neuroscience, 2022, 23, .	0.8	0