

Esther M Hoffmann

List of Publications by Year in descending order

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Version: 2024-02-01

72
papers

2,540
citations

279487

23
h-index

233125

45
g-index

94
all docs

94
docs citations

94
times ranked

2895
citing authors

#	ARTICLE	IF	CITATIONS
1	Explaining and overcoming barriers to climate change adaptation. <i>Nature Climate Change</i> , 2014, 4, 867-872.	8.1	402
2	Structure-Function Relationships Using Confocal Scanning Laser Ophthalmoscopy, Optical Coherence Tomography, and Scanning Laser Polarimetry. , 2006, 47, 2889.		174
3	Diagnostic ability of retinal ganglion cell complex, retinal nerve fiber layer, and optic nerve head measurements by Fourier-domain optical coherence tomography. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2011, 249, 1039-1045.	1.0	135
4	3D organotypic HepaRG cultures as in vitro model for acute and repeated dose toxicity studies. <i>Toxicology in Vitro</i> , 2014, 28, 104-112.	1.1	131
5	Optic Disk Size and Glaucoma. <i>Survey of Ophthalmology</i> , 2007, 52, 32-49.	1.7	126
6	Combining Structural and Functional Testing for Detection of Glaucoma. <i>Ophthalmology</i> , 2006, 113, 1593-1602.	2.5	112
7	The Diagnosis and Treatment of Glaucoma. <i>Deutsches A&#x0308;rztblatt International</i> , 2020, 117, 225-234.	0.6	106
8	Comparison of Dynamic Contour Tonometry and Goldmann Applanation Tonometry in Glaucoma Patients and Healthy Subjects. <i>American Journal of Ophthalmology</i> , 2006, 142, 583-590.	1.7	69
9	Intraocular pressure and ocular pulse amplitude using dynamic contour tonometry and contact lens tonometry. <i>BMC Ophthalmology</i> , 2004, 4, 4.	0.6	63
10	Investigation of intraocular pressure fluctuation as a risk factor of glaucoma progression. <i>Clinical Ophthalmology</i> , 2019, Volume 13, 9-16.	0.9	62
11	Adaptation to climate change in the transport sector: a review of actions and actors. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2012, 17, 451-469.	1.0	60
12	Comparison of the New Perimetric GATE Strategy with Conventional Full-Threshold and SITA Standard Strategies. , 2009, 50, 488.		58
13	Unsupervised Machine Learning with Independent Component Analysis to Identify Areas of Progression in Glaucomatous Visual Fields. , 2005, 46, 3684.		55
14	Distribution of Intraocular Pressure and Its Association with Ocular Features and Cardiovascular Risk Factors. <i>Ophthalmology</i> , 2013, 120, 961-968.	2.5	54
15	Distribution of Central Corneal Thickness and its Association with Ocular Parameters in a Large Central European Cohort: The Gutenberg Health Study. <i>PLoS ONE</i> , 2013, 8, e66158.	1.1	54
16	Agreement among 3 Optical Imaging Methods for the Assessment of Optic Disc Topography. <i>Ophthalmology</i> , 2005, 112, 2149-2156.	2.5	48
17	Relationship Between Patterns of Visual Field Loss and Retinal Nerve Fiber Layer Thickness Measurements. <i>American Journal of Ophthalmology</i> , 2006, 141, 463-471.e1.	1.7	48
18	Association of ocular, cardiovascular, morphometric and lifestyle parameters with retinal nerve fibre layer thickness. <i>PLoS ONE</i> , 2018, 13, e0197682.	1.1	47

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19	Irregularity of the Posterior Corneal Surface After Curved Interface Femtosecond Laser-Assisted Versus Microkeratome-Assisted Descemet Stripping Automated Endothelial Keratoplasty. <i>Cornea</i> , 2013, 32, 118-124.	0.9	44
20	Neuroprotection of medical IOP-lowering therapy. <i>Cell and Tissue Research</i> , 2013, 353, 245-251.	1.5	39
21	Structure-Function Relationship between FDF, FDT, SAP, and Scanning Laser Ophthalmoscopy in Glaucoma Patients. , 2012, 53, 7553.		35
22	Bruchâ€™s Membrane Opening-Minimum Rim Width Assessment With Spectral-Domain Optical Coherence Tomography Performs Better Than Confocal Scanning Laser Ophthalmoscopy in Discriminating Early Glaucoma Patients From Control Subjects. <i>Journal of Glaucoma</i> , 2017, 26, 27-33.	0.8	33
23	Reproducibility of ocular response analyzer measurements and their correlation with central corneal thickness. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2010, 248, 1617-1622.	1.0	32
24	Flap suture - a simple technique for the revision of hypotony maculopathy following trabeculectomy with mitomycin C. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2008, 246, 869-874.	1.0	27
25	Long-term results of cataract surgery combined with trabeculectomy. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2002, 240, 2-6.	1.0	26
26	Erdheim-Chester disease: A case report. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2004, 242, 803-807.	1.0	24
27	Suprachoroidal Bleeding After XEN Gel Implantation. <i>Journal of Glaucoma</i> , 2017, 26, e261-e263.	0.8	24
28	Correlations Between Central Corneal Thickness and General Anthropometric Characteristics and Cardiovascular Parameters in a Large European Cohort From the Gutenberg Health Study. <i>Cornea</i> , 2014, 33, 359-365.	0.9	23
29	Comparison of subconjunctival microinvasive glaucoma surgery and trabeculectomy. <i>Acta Ophthalmologica</i> , 2022, 100, .	0.6	22
30	Learning Curve and Fatigue Effect of Flicker Defined Form Perimetry. <i>American Journal of Ophthalmology</i> , 2011, 151, 1057-1064.e1.	1.7	21
31	Does general anesthesia have a clinical impact on intraocular pressure in children?. <i>Paediatric Anaesthesia</i> , 2016, 26, 936-941.	0.6	19
32	Optical Coherence Tomography Angiography of Optic Disc in Eyes With Primary Open-angle Glaucoma and Normal-tension Glaucoma. <i>Journal of Glaucoma</i> , 2019, 28, 243-251.	0.8	18
33	The distribution of retinal nerve fiber layer thickness and associations with age, refraction, and axial length: the Gutenberg health study. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2018, 256, 1685-1693.	1.0	16
34	Catheter-assisted 360-Degree Trabeculectomy for Congenital Glaucoma. <i>Journal of Glaucoma</i> , 2018, 27, 572-577.	0.8	16
35	Association of Birth Weight with Peripapillary Retinal Nerve Fiber Layer Thickness in Adulthoodâ€™Results from a Population-Based Study. , 2020, 61, 4.		16
36	XEN-augmented Baerveldt Implantation for Refractory Childhood Glaucoma: A Retrospective Case Series. <i>Journal of Glaucoma</i> , 2019, 28, 1015-1018.	0.8	15

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37	Competing priorities: how actors and institutions influence adaptation of the German railway system. <i>Climatic Change</i> , 2016, 137, 609-623.	1.7	14
38	Fluctuation of intraocular pressure in glaucoma patients before and after trabeculectomy with mitomycin C. <i>PLoS ONE</i> , 2017, 12, e0185246.	1.1	13
39	Optic Nerve Head Morphology in Adults Born Extreme, Very, and Moderate Preterm With and Without Retinopathy of Prematurity: Results From the Gutenberg Prematurity Eye Study. <i>American Journal of Ophthalmology</i> , 2022, 239, 212-222.	1.7	13
40	Comparison of Laser Scanning Diagnostic Devices for Early Glaucoma Detection. <i>Journal of Glaucoma</i> , 2015, 24, 442-447.	0.8	12
41	Inter-Eye Comparison of Patterns of Visual Field Loss in Patients With Glaucomatous Optic Neuropathy. <i>American Journal of Ophthalmology</i> , 2006, 141, 703-703.e7.	1.7	11
42	The Heidelberg retina tomograph ancillary study to the European glaucoma prevention study: study design and baseline factors. <i>Acta Ophthalmologica</i> , 2013, 91, e612-e619.	0.6	11
43	Results of an Adaptive Surgical Approach for Managing Late Onset Hypotony After Trabeculectomy With Mitomycin C. <i>Journal of Glaucoma</i> , 2018, 27, 307-314.	0.8	11
44	Outcome of Bleb Revision With Autologous Conjunctival Graft Alone or Combined With Donor Scleral Graft for Late-onset Bleb Leakage With Hypotony After Standard Trabeculectomy With Mitomycin C. <i>Journal of Glaucoma</i> , 2021, 30, 175-179.	0.8	10
45	Intereye Concordance in Locations of Visual Field Defects in Primary Open-Angle Glaucoma. <i>Ophthalmology</i> , 2006, 113, 918-923.	2.5	9
46	Bleb grading by photographs versus bleb grading by slit-lamp examination. <i>Acta Ophthalmologica</i> , 2020, 98, e607.	0.6	9
47	Safety and performance of a suprachoroidal sensor for telemetric measurement of intraocular pressure in the EYMATE-SC trial. <i>British Journal of Ophthalmology</i> , 2023, 107, 518-524.	2.1	9
48	Reply to 'Opening up the black box of adaptation decision-making'. <i>Nature Climate Change</i> , 2015, 5, 494-495.	8.1	8
49	Predictive Value of Heidelberg Retina Tomograph Parameters for the Development of Glaucoma in the European Glaucoma Prevention Study. <i>American Journal of Ophthalmology</i> , 2015, 159, 265-276.e1.	1.7	8
50	Intraocular Pressure and Its Relation to Ocular Geometry: Results From the Gutenberg Health Study. , 2022, 63, 40.		8
51	Maggot therapy following orbital exenteration. <i>British Journal of Ophthalmology</i> , 2007, 91, 1715-1716.	2.1	7
52	Reproducibility of Visual Field End Point Criteria for Standard Automated Perimetry, Full-Threshold, and Swedish Interactive Thresholding Algorithm Strategies: Diagnostic Innovations in Glaucoma Study. <i>American Journal of Ophthalmology</i> , 2007, 144, 908-913.e2.	1.7	7
53	First observation of secondary childhood glaucoma in Coffin-Siris syndrome: a case report and literature review. <i>BMC Ophthalmology</i> , 2021, 21, 28.	0.6	7
54	Inter-eye relationship of intraocular pressure change after unilateral trabeculectomy, filtering canaloplasty, or Preserfloacil microshunt implantation. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2021, 259, 3045-3053.	1.0	7

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55	Urrets-Zavalía Syndrome After Combined Trabeculectomy-Trabeculectomy Surgery. <i>Journal of Glaucoma</i> , 2018, 27, e80-e83.	0.8	6
56	Results of childhood glaucoma surgery over a long-term period. <i>Acta Ophthalmologica</i> , 2021, , .	0.6	6
57	First Results from the Prospective German Registry for Childhood Glaucoma: Phenotype-Genotype Association. <i>Journal of Clinical Medicine</i> , 2022, 11, 16.	1.0	6
58	Intereye Spatial Relationship of Abnormal Neuroretinal Rim Locations in Glaucoma Patients from the Diagnostic Innovations in Glaucoma Study. <i>American Journal of Ophthalmology</i> , 2007, 143, 781-787.	1.7	5
59	Standard Automated Perimetry versus Matrix Frequency Doubling Technology Perimetry in Subjects with Ocular Hypertension and Healthy Control Subjects. <i>PLoS ONE</i> , 2013, 8, e57663.	1.1	5
60	Repeatability and reproducibility of optic nerve head topography using the retinal thickness analyzer. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2006, 244, 192-198.	1.0	4
61	The Size of Subconjunctival Preparation Does Not Influence the Outcome of Trabeculectomy With Mitomycin C. <i>Journal of Glaucoma</i> , 2015, 24, e75-e79.	0.8	4
62	XEN-Baerveldt Implantation May Be Helpful to Avoid Late Corneal Complications. <i>Journal of Glaucoma</i> , 2017, 26, e258-e259.	0.8	4
63	Spontaneous Resolution of Delayed Suprachoroidal Hemorrhage in the Single Eye Following Needling in Congenital Glaucoma. <i>Journal of Glaucoma</i> , 2017, 26, e268-e270.	0.8	3
64	Suture Removal After Trabeculectomy With Fornix-based Conjunctival Flap Leads to Faster Visual Recovery but Not Reduced Astigmatism. <i>Journal of Glaucoma</i> , 2019, 28, 392-397.	0.8	3
65	Anaesthetic protocol for paediatric glaucoma examinations: the prospective EyeBIS Study protocol. <i>BMJ Open</i> , 2021, 11, e045906.	0.8	3
66	Birth weight and its association with optic nerve head morphology - results from the population-based German Gutenberg Health Study. <i>Acta Ophthalmologica</i> , 2021, , .	0.6	3
67	Childhood glaucoma registry in Germany: initial database, clinical care and research (pilot study). <i>BMC Research Notes</i> , 2022, 15, 32.	0.6	3
68	Proteomic Characterization of Primary Mouse Hepatocytes in Collagen Monolayer and Sandwich Culture. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 447-454.	1.2	2
69	Intraocular Pressure Measurement in Childhood Glaucoma under Standardized General Anaesthesia: The Prospective EyeBIS Study. <i>Journal of Clinical Medicine</i> , 2022, 11, 2846.	1.0	2
70	Adaptation of a digital camera for simultaneous stereophotography in ophthalmology. <i>British Journal of Ophthalmology</i> , 2010, 94, 1288-1290.	2.1	1
71	Venous stasis retinopathy in a ten-year-old boy with ocular hypertension: a case report. <i>BMC Ophthalmology</i> , 2020, 20, 428.	0.6	1
72	Response to Letter to the Editor: Outcome of Bleb Revision With Autologous Conjunctival Graft Alone or Combined With Donor Scleral Graft for Late-onset Bleb Leakage With Hypotony After Standard Trabeculectomy With Mitomycin C. <i>Journal of Glaucoma</i> , 2021, 30, e386-e387.	0.8	0