Esther M Hoffmann

List of Publications by Year
in descending order

72	2,540	279798	233421
papers	citations	23 h-index	45 g-index

94	94	94	2895
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Explaining and overcoming barriers to climate change adaptation. Nature Climate Change, 2014, 4, 867-872.	18.8	402
2	Structureâ€“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. Graefe's Archive for Clinical and Experimental Ophthalmology, 2011, 249, 1039-1045.	1.9	135
4	3D organotypic HepaRG cultures as in vitro model for acute and repeated dose toxicity studies. Toxicology in Vitro, 2014, 28, 104-112.	2.4	131
5	Optic Disk Size and Glaucoma. Survey of Ophthalmology, 2007, 52, 32-49.	4.0	126
6	Combining Structural and Functional Testing for Detection of Glaucoma. Ophthalmology, 2006, 113, 1593-1602.	5.2	112
7	The Diagnosis and Treatment of Glaucoma. Deutsches Ärzteblatt International, 2020, 117, 225-234.	0.9	106
8	Comparison of Dynamic Contour Tonometry and Goldmann Applanation Tonometry in Glaucoma Patients and Healthy Subjects. American Journal of Ophthalmology, 2006, 142, 583-590.	3.3	69
9	Intraocular pressure and ocular pulse amplitude using dynamic contour tonometry and contact lens tonometry. BMC Ophthalmology, 2004, 4, 4.	1.4	63
10	Investigation of intraocular pressure fluctuation as a risk factor of glaucoma progression. Clinical Ophthalmology, 2019, Volume 13, 9-16.	1.8	62
11	Adaptation to climate change in the transport sector: a review of actions and actors. Mitigation and Adaptation Strategies for Global Change, 2012, 17, 451-469.	2.1	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. Ophthalmology, 2013, 120, 961-968.	5.2	54
15	Distribution of Central Corneal Thickness and its Association with Ocular Parameters in a Large Central European Cohort: The Gutenberg Health Study. PLoS ONE, 2013, 8, e66158.	2.5	54
16	Agreement among 3 Optical Imaging Methods for the Assessment of Optic Disc Topography. Ophthalmology, 2005, 112, 2149-2156.	5.2	48
17	Relationship Between Patterns of Visual Field Loss and Retinal Nerve Fiber Layer Thickness Measurements. American Journal of Ophthalmology, 2006, 141, 463-471.e1.	3.3	48
18	Association of ocular, cardiovascular, morphometric and lifestyle parameters with retinal nerve fibre layer thickness. PLoS ONE, 2018, 13, e0197682.	2.5	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. Cornea, 2013, 32, 118-124.	1.7	44
20	Neuroprotection of medical IOP-lowering therapy. Cell and Tissue Research, 2013, 353, 245-251.	2.9	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. Journal of Glaucoma, 2017, 26, 27-33.	1.6	33
23	Reproducibility of ocular response analyzer measurements and their correlation with central corneal thickness. Graefe's Archive for Clinical and Experimental Ophthalmology, 2010, 248, 1617-1622.	1.9	32
24	Flap suture - a simple technique for the revision of hypotony maculopathy following trabeculectomy with mitomycin C. Graefe's Archive for Clinical and Experimental Ophthalmology, 2008, 246, 869-874.	1.9	27
25	Long-term results of cataract surgery combined with trabeculotomy. Graefe's Archive for Clinical and Experimental Ophthalmology, 2002, 240, 2-6.	1.9	26
26	Erdheim-Chester disease: A case report. Graefe's Archive for Clinical and Experimental Ophthalmology, 2004, 242, 803-807.	1.9	24
27	Suprachoroidal Bleeding After XEN Gel Implantation. Journal of Glaucoma, 2017, 26, e261-e263.	1.6	24
28	Correlations Between Central Corneal Thickness and General Anthropometric Characteristics and Cardiovascular Parameters in a Large European Cohort From the Gutenberg Health Study. Cornea, 2014, 33, 359-365.	1.7	23
29	Comparison of subconjunctival microinvasive glaucoma surgery and trabeculectomy. Acta Ophthalmologica, 2022, 100, .	1.1	22
30	Learning Curve and Fatigue Effect of Flicker Defined Form Perimetry. American Journal of Ophthalmology, 2011, 151, 1057-1064.e1.	3.3	21
31	Does general anesthesia have a clinical impact on intraocular pressure in children?. Paediatric Anaesthesia, 2016, 26, 936-941.	1.1	19
32	Optical Coherence Tomography Angiography of Optic Disc in Eyes With Primary Open-angle Glaucoma and Normal-tension Glaucoma. Journal of Glaucoma, 2019, 28, 243-251.	1.6	18
33	The distribution of retinal nerve fiber layer thickness and associations with age, refraction, and axial length: the Gutenberg health study. Graefe's Archive for Clinical and Experimental Ophthalmology, 2018, 256, 1685-1693.	1.9	16
34	Catheter-assisted 360-Degree Trabeculotomy for Congenital Glaucoma. Journal of Glaucoma, 2018, 27, 572-577.	1.6	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. Journal of Glaucoma, 2019, 28, 1015-1018.	1.6	15

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37	Competing priorities: how actors and institutions influence adaptation of the German railway system. Climatic Change, 2016, 137, 609-623.	3.6	14
38	Fluctuation of intraocular pressure in glaucoma patients before and after trabeculectomy with mitomycin C. PLoS ONE, 2017, 12, e0185246.	2.5	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. American Journal of Ophthalmology, 2022, 239, 212-222.	3.3	13
40	Comparison of Laser Scanning Diagnostic Devices for Early Glaucoma Detection. Journal of Glaucoma, 2015, 24, 442-447.	1.6	12
41	Inter-Eye Comparison of Patterns of Visual Field Loss in Patients With Glaucomatous Optic Neuropathy. American Journal of Ophthalmology, 2006, 141, 703-703.e7.	3.3	11
42	The Heidelberg retina tomograph ancillary study to the European glaucoma prevention study: study design and baseline factors. Acta Ophthalmologica, 2013, 91, e612-e619.	1.1	11
43	Results of an Adaptive Surgical Approach for Managing Late Onset Hypotony After Trabeculectomy With Mitomycin C. Journal of Glaucoma, 2018, 27, 307-314.	1.6	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. Journal of Glaucoma, 2021, 30, 175-179.	1.6	10
45	Intereye Concordance in Locations of Visual Field Defects in Primary Open-Angle Glaucoma. Ophthalmology, 2006, 113, 918-923.	5.2	9
46	Bleb grading by photographs versus bleb grading by slitâ€lamp examination. Acta Ophthalmologica, 2020, 98, e607.	1.1	9
47	Safety and performance of a suprachoroidal sensor for telemetric measurement of intraocular pressure in the EYEMATE-SC trial. British Journal of Ophthalmology, 2023, 107, 518-524.	3.9	9
48	Reply to 'Opening up the black box of adaptation decision-making'. Nature Climate Change, 2015, 5, 494-495.	18.8	8
49	Predictive Value of Heidelberg Retina Tomograph Parameters for the Development of Glaucoma in the European Glaucoma Prevention Study. American Journal of Ophthalmology, 2015, 159, 265-276.e1.	3.3	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. British Journal of Ophthalmology, 2007, 91, 1715-1716.	3.9	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. American Journal of Ophthalmology, 2007, 144, 908-913.e2.	3.3	7
53	First observation of secondary childhood glaucoma in Coffin-Siris syndrome: a case report and literature review. BMC Ophthalmology, 2021, 21, 28.	1.4	7
54	Inter-eye relationship of intraocular pressure change after unilateral trabeculectomy, filtering canaloplasty, or PreserFloâ„¢ microshunt implantation. Graefe's Archive for Clinical and Experimental Ophthalmology, 2021, 259, 3045-3053.	1.9	7

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55	Urrets-Zavalia Syndrome After Combined Trabeculotomy-Trabeculectomy Surgery. Journal of Glaucoma, 2018, 27, e80-e83.	1.6	6
56	Results of childhood glaucoma surgery over a longâ€term period. Acta Ophthalmologica, 2021, , .	1.1	6
57	First Results from the Prospective German Registry for Childhood Glaucoma: Phenotypeâ€“Genotype Association. Journal of Clinical Medicine, 2022, 11, 16.	2.4	6
58	Intereye Spatial Relationship of Abnormal Neuroretinal Rim Locations in Glaucoma Patients from the Diagnostic Innovations in Glaucoma Study. American Journal of Ophthalmology, 2007, 143, 781-787.	3.3	5
59	Standard Automated Perimetry versus Matrix Frequency Doubling Technology Perimetry in Subjects with Ocular Hypertension and Healthy Control Subjects. PLoS ONE, 2013, 8, e57663.	2.5	5
60	Repeatability and reproducibility of optic nerve head topography using the retinal thickness analyzer. Graefe's Archive for Clinical and Experimental Ophthalmology, 2006, 244, 192-198.	1.9	4
61	The Size of Subconjunctival Preparation Does Not Influence the Outcome of Trabeculectomy With Mitomycin C. Journal of Glaucoma, 2015, 24, e75-e79.	1.6	4
62	XEN-Baerveldt Implantation May Be Helpful to Avoid Late Corneal Complications. Journal of Glaucoma, 2017, 26, e258-e259.	1.6	4
63	Spontaneous Resolution of Delayed Suprachoroidal Hemorrhage in the Single Eye Following Needling in Congenital Glaucoma. Journal of Glaucoma, 2017, 26, e268-e270.	1.6	3
64	Suture Removal After Trabeculectomy With Fornix-based Conjunctival Flap Leads to Faster Visual Recovery but Not Reduced Astigmatism. Journal of Glaucoma, 2019, 28, 392-397.	1.6	3
65	Anaesthetic protocol for paediatric glaucoma examinations: the prospective EyeBIS Study protocol. BMJ Open, 2021, 11, e045906.	1.9	3
66	Birth weight and its association with optic nerve head morphology â€“ results from the populationâ€based German Gutenberg Health Study. Acta Ophthalmologica, 2021, , .	1.1	3
67	Childhood glaucoma registry in Germany: initial database, clinical care and research (pilot study). BMC Research Notes, 2022, 15, 32.	1.4	3
68	Proteomic Characterization of Primary Mouse Hepatocytes in Collagen Monolayer and Sandwich Culture. Journal of Cellular Biochemistry, 2018, 119, 447-454.	2.6	2
69	Intraocular Pressure Measurement in Childhood Glaucoma under Standardized General Anaesthesia: The Prospective EyeBIS Study. Journal of Clinical Medicine, 2022, 11, 2846.	2.4	2
70	Adaptation of a digital camera for simultaneous stereophotography in ophthalmology. British Journal of Ophthalmology, 2010, 94, 1288-1290.	3.9	1
71	Venous stasis retinopathy in a ten-year-old boy with ocular hypertension: a case report. BMC Ophthalmology, 2020, 20, 428.	1.4	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. Journal of Glaucoma, 2021, 30, e386-e387.	1.6	0