

Wolf M Harmening

List of Publications by Year in descending order

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35
papers

857
citations

567281

15
h-index

580821

25
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46
all docs

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docs citations

46
times ranked

784
citing authors

#	ARTICLE	IF	CITATIONS
1	Supernormal foveal photoreceptor density in Alport syndrome: A case report. <i>European Journal of Ophthalmology</i> , 2023, 33, NP51-NP54.	1.3	2
2	Ophthalmic phenotyping: <i>Imaging.</i> , 2022, , 53-62.		0
3	Foveal vision. <i>Current Biology</i> , 2021, 31, R701-R703.	3.9	3
4	The Relationship Between Visual Sensitivity and Eccentricity, Cone Density and Outer Segment Length in the Human Foveola. , 2021, 62, 31.		10
5	Human gaze is systematically offset from the center of cone topography. <i>Current Biology</i> , 2021, 31, 4188-4193.e3.	3.9	21
6	Effect of cone spectral topography on chromatic detection sensitivity. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2020, 37, A244.	1.5	12
7	Habitual higher order aberrations affect Landolt but not Vernier acuity. <i>Journal of Vision</i> , 2019, 19, 11.	0.3	7
8	Optical coherence tomography angiography (OCT-A) in an animal model of laser-induced choroidal neovascularization. <i>Experimental Eye Research</i> , 2019, 184, 162-171.	2.6	13
9	MINIMAL OPTICAL COHERENCE TOMOGRAPHY B-SCAN DENSITY FOR RELIABLE DETECTION OF INTRARETINAL AND SUBRETINAL FLUID IN MACULAR DISEASES. <i>Retina</i> , 2019, 39, 150-156.	1.7	6
10	Adaptive Optics for Photoreceptor-Targeted Psychophysics. , 2019, , 359-375.		2
11	Eye tracking-based estimation and compensation of chromatic offsets for multi-wavelength retinal microstimulation with foveal cone precision. <i>Biomedical Optics Express</i> , 2019, 10, 4126.	2.9	9
12	Ultra-high contrast retinal display system for single photoreceptor psychophysics. <i>Biomedical Optics Express</i> , 2018, 9, 157.	2.9	19
13	Test-Retest Reliability of Scotopic and Mesopic Fundus-Controlled Perimetry Using a Modified MAIA (Macular Integrity Assessment) in Normal Eyes. <i>Ophthalmologica</i> , 2017, 237, 42-54.	1.9	34
14	Spatiochromatic Interactions between Individual Cone Photoreceptors in the Human Retina. <i>Journal of Neuroscience</i> , 2017, 37, 9498-9509.	3.6	35
15	Benefits of retinal image motion at the limits of spatial vision. <i>Journal of Vision</i> , 2017, 17, 30.	0.3	59
16	Retinal Injury Following Laser Pointer Exposure. <i>Deutsches A&#x0308;rztblatt International</i> , 2017, 114, 831-837.	0.9	32
17	Effective Dynamic Range and Retest Reliability of Dark-Adapted Two-Color Fundus-Controlled Perimetry in Patients With Macular Diseases. , 2017, 58, BIO158.		40
18	Perception of Haidinger Brushes in Macular Disease Depends on Macular Pigment Density and Visual Acuity. , 2016, 57, 1448.		24

#	ARTICLE	IF	CITATIONS
19	Functional Imaging of Cone Photoreceptors. , 2016, , 71-104.		4
20	Normal Perceptual Sensitivity Arising From Weakly Reflective Cone Photoreceptors. , 2015, 56, 4431.		61
21	Fixational eye movements improve visual performance at the sampling limit. Journal of Vision, 2015, 15, 1272.	0.3	1
22	Mapping the Perceptual Grain of the Human Retina. Journal of Neuroscience, 2014, 34, 5667-5677.	3.6	93
23	Evaluation of two minimally invasive techniques for electroencephalogram recording in wild or freely behaving animals. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2013, 199, 183-189.	1.6	19
24	Measuring Color Vision on a Cellular Scale in an Adaptive Optics Scanning Laser Ophthalmoscope. , 2013, , .		2
25	Night vision in barn owls: Visual acuity and contrast sensitivity under dark adaptation. Journal of Vision, 2012, 12, 4-4.	0.3	42
26	Measurement and correction of transverse chromatic offsets for multi-wavelength retinal microscopy in the living eye. Biomedical Optics Express, 2012, 3, 2066.	2.9	67
27	Measurement and Correction of Transverse Chromatic Aberration with the Adaptive Optics Scanning Laser Ophthalmoscope. , 2012, , .		0
28	Disparity sensitivity in man and owl: Psychophysical evidence for equivalent perception of shape-from-stereo. Journal of Vision, 2011, 10, 10-10.	0.3	32
29	From optics to attention: visual perception in barn owls. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2011, 197, 1031-1042.	1.6	27
30	Overt attention toward oriented objects in free-viewing barn owls. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 8461-8466.	7.1	29
31	Spatial contrast sensitivity and grating acuity of barn owls. Journal of Vision, 2009, 9, 13-13.	0.3	57
32	A Case of Quasi-Infinite Visual Acuity and Illusory Size. Perception, 2009, 38, 781-783.	1.2	0
33	Through a barn owl's eyes: interactions between scene content and visual attention. Biological Cybernetics, 2008, 98, 115-132.	1.3	32
34	Vernier acuity in barn owls. Vision Research, 2007, 47, 1020-1026.	1.4	17
35	Ocular aberrations in barn owl eyes. Vision Research, 2007, 47, 2934-2942.	1.4	19