

# Torsten Straßer

## List of Publications by Year in descending order

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papers

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citations

687363

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642732

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46  
docs citations

46  
times ranked

832  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of central and peripheral cone- and rod-specific stimulation on the pupillary light reflex. <i>International Ophthalmology</i> , 2022, 42, 1427-1436.	1.4	2
2	Redefining the role of Ca <sup>2+</sup> -permeable channels in photoreceptor degeneration using diltiazem. <i>Cell Death and Disease</i> , 2022, 13, 47.	6.3	15
3	Visualizing Cell Death in Live Retina: Using Calpain Activity Detection as a Biomarker for Retinal Degeneration. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3892.	4.1	1
4	Central Visual Function and Genotype-Phenotype Correlations in <i>PDE6A</i> -Associated Retinitis Pigmentosa. , 2022, 63, 9.		2
5	Comparison of CRT and LCD monitors for objective estimation of visual acuity using the sweep VEP. <i>Documenta Ophthalmologica</i> , 2022, 145, 133-145.	2.2	1
6	Cell-specific electrical stimulation of human retinal neurons assessed by pupillary response dynamics in vivo. <i>Experimental Eye Research</i> , 2022, 222, 109185.	2.6	3
7	Clinical Protocols for the Evaluation of Rod Function. <i>Ophthalmologica</i> , 2021, 244, 396-407.	1.9	11
8	PandAcuity in paediatrics: a novel clinical measure of visual function based on the panda illusion. <i>British Journal of Ophthalmology</i> , 2021, , bjophthalmol-2021-319935.	3.9	0
9	How lesions at different locations along the visual pathway influence pupillary reactions to chromatic stimuli. <i>Graef's Archive for Clinical and Experimental Ophthalmology</i> , 2021, 260, 1675.	1.9	2
10	The perception threshold of the panda illusion, a particular form of 2D pulse-width-modulated halftone, correlates with visual acuity. <i>Scientific Reports</i> , 2020, 10, 13095.	3.3	2
11	Review of the application of the open-source software CilOCT for semi-automatic segmentation and analysis of the ciliary muscle in OCT images. <i>PLoS ONE</i> , 2020, 15, e0234330.	2.5	8
12	Title is missing!. , 2020, 15, e0234330.		0
13	Title is missing!. , 2020, 15, e0234330.		0
14	Title is missing!. , 2020, 15, e0234330.		0
15	Title is missing!. , 2020, 15, e0234330.		0
16	Prolonged nearwork affects the ciliary muscle morphology. <i>Experimental Eye Research</i> , 2019, 186, 107741.	2.6	12
17	Response to comment on "Prolonged nearwork affects the ciliary muscle morphology"™ by Schachar & Schachar. <i>Experimental Eye Research</i> , 2019, 187, 107786.	2.6	0
18	Emmetropes and myopes differ little in their accommodation dynamics but strongly in their ciliary muscle morphology. <i>Vision Research</i> , 2019, 163, 42-51.	1.4	21

#	ARTICLE	IF	CITATIONS
19	Objective assessment of visual acuity: a refined model for analyzing the sweep VEP. Documenta Ophthalmologica, 2019, 138, 97-116.	2.2	15
20	Standards in Pupillography. Frontiers in Neurology, 2019, 10, 129.	2.4	124
21	Visual Evoked Potentials Used to Evaluate a Commercially Available Superabsorbent Polymer as a Cheap and Efficient Material for Preparation-Free Electrodes for Recording Electrical Potentials of the Human Visual Cortex. Sensors, 2019, 19, 4890.	3.8	1
22	Objective Measurement of Local Rod and Cone Function Using Gaze-Controlled Chromatic Pupil Campimetry in Healthy Subjects. Translational Vision Science and Technology, 2019, 8, 19.	2.2	28
23	Pupillographic campimetry: an objective method to measure the visual field. Biomedizinische Technik, 2018, 63, 729-734.	0.8	27
24	Combination of cGMP analogue and drug delivery system provides functional protection in hereditary retinal degeneration. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E2997-E3006.	7.1	90
25	The Tuebingen Scotopic Threshold Test (TSTT). IEEE Journal of Biomedical and Health Informatics, 2018, 22, 607-610.	6.3	0
26	ElVisML: an open data format for the exchange and storage of electrophysiological data in ophthalmology. Documenta Ophthalmologica, 2018, 136, 75-92.	2.2	1
27	Phosphene perception and pupillary responses to sinusoidal electrostimulation - For an objective measurement of retinal function. Experimental Eye Research, 2018, 176, 210-218.	2.6	7
28	Ciliary muscle thickness profiles derived from optical coherence tomography images. Biomedical Optics Express, 2018, 9, 5100.	2.9	22
29	Evaluation of polyesteramide (PEA) and polyester (PLGA) microspheres as intravitreal drug delivery systems in albino rats. Biomaterials, 2017, 124, 157-168.	11.4	37
30	The importance of electrode position in visual electrophysiology. Documenta Ophthalmologica, 2017, 134, 129-134.	2.2	16
31	Pupil response components: attention-light interaction in patients with Parinaudâ€™s syndrome. Scientific Reports, 2017, 7, 10283.	3.3	10
32	Chromatic pupillography in hemianopia patients with homonymous visual field defects. Graefe's Archive for Clinical and Experimental Ophthalmology, 2017, 255, 1837-1842.	1.9	22
33	Color Pupillography in Dorsal Midbrain Syndrome. Journal of Neuro-Ophthalmology, 2017, 37, 247-252.	0.8	4
34	Analysis of retinal function using chromatic pupillography in retinitis pigmentosa and the relationship to electrically evoked phosphene thresholds. Acta Ophthalmologica, 2017, 95, e261-e269.	1.1	24
35	Development of a Chromatic Pupillography Protocol for the First Gene Therapy Trial in Patients With <i>CNGA3</i> -Linked Achromatopsia. , 2017, 58, 1274.		29
36	The Clinical Phenotype of <i>CNGA3</i> -Related Achromatopsia: Pretreatment Characterization in Preparation of a Gene Replacement Therapy Trial. , 2017, 58, 821.		47

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37	Transfer characteristics of subretinal visual implants: corneally recorded implant responses. Documenta Ophthalmologica, 2016, 133, 81-90.	2.2	10
38	Pupillary responses driven by ipRGCs and classical photoreceptors are impaired in glaucoma. Graefe's Archive for Clinical and Experimental Ophthalmology, 2016, 254, 1361-1370.	1.9	47
39	Ophthalmological assessment of cannabis-induced persisting perception disorder: Is there a direct retinal effect?. Documenta Ophthalmologica, 2015, 130, 121-130.	2.2	17
40	Assessment of "non-recordable" electroretinograms by 9ÂHz flicker stimulation under scotopic conditions. Documenta Ophthalmologica, 2012, 124, 27-39.	2.2	7
41	An integrated domain specific language for post-processing and visualizing electrophysiological signals in Java. , 2010, 2010, 4687-90.		4
42	An epidemiological approach for the estimation of disease onset in Central Europe in central and peripheral monogenic retinal dystrophies. Graefe's Archive for Clinical and Experimental Ophthalmology, 2009, 247, 885-894.	1.9	10
43	Novel Three-Dimensional and Biocompatible Lift-Off Method for Selective Metallization of a Scleral Contact Lens Electrode for Biopotential Detection. Frontiers in Medical Technology, 0, 4, .	2.5	0