

# Torsten Straßer

## List of Publications by Year in descending order

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43  
papers

685  
citations

687363

13  
h-index

642732

23  
g-index

46  
all docs

46  
docs citations

46  
times ranked

832  
citing authors

#	ARTICLE	IF	CITATIONS
1	Standards in Pupillography. <i>Frontiers in Neurology</i> , 2019, 10, 129.	2.4	124
2	Combination of cGMP analogue and drug delivery system provides functional protection in hereditary retinal degeneration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E2997-E3006.	7.1	90
3	Pupillary responses driven by ipRGCs and classical photoreceptors are impaired in glaucoma. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2016, 254, 1361-1370.	1.9	47
4	The Clinical Phenotype of <i>CNGA3</i> -Related Achromatopsia: Pretreatment Characterization in Preparation of a Gene Replacement Therapy Trial. , 2017, 58, 821.		47
5	Evaluation of poly(esteramide) (PEA) and poly(ester) (PLGA) microspheres as intravitreal drug delivery systems in albino rats. <i>Biomaterials</i> , 2017, 124, 157-168.	11.4	37
6	Development of a Chromatic Pupillography Protocol for the First Gene Therapy Trial in Patients With <i>CNGA3</i> -Linked Achromatopsia. , 2017, 58, 1274.		29
7	Objective Measurement of Local Rod and Cone Function Using Gaze-Controlled Chromatic Pupil Campimetry in Healthy Subjects. <i>Translational Vision Science and Technology</i> , 2019, 8, 19.	2.2	28
8	Pupillographic campimetry: an objective method to measure the visual field. <i>Biomedizinische Technik</i> , 2018, 63, 729-734.	0.8	27
9	Analysis of retinal function using chromatic pupillography in retinitis pigmentosa and the relationship to electrically evoked phosphene thresholds. <i>Acta Ophthalmologica</i> , 2017, 95, e261-e269.	1.1	24
10	Chromatic pupillography in hemianopia patients with homonymous visual field defects. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2017, 255, 1837-1842.	1.9	22
11	Ciliary muscle thickness profiles derived from optical coherence tomography images. <i>Biomedical Optics Express</i> , 2018, 9, 5100.	2.9	22
12	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
13	Ophthalmological assessment of cannabis-induced persisting perception disorder: Is there a direct retinal effect?. <i>Documenta Ophthalmologica</i> , 2015, 130, 121-130.	2.2	17
14	The importance of electrode position in visual electrophysiology. <i>Documenta Ophthalmologica</i> , 2017, 134, 129-134.	2.2	16
15	Objective assessment of visual acuity: a refined model for analyzing the sweep VEP. <i>Documenta Ophthalmologica</i> , 2019, 138, 97-116.	2.2	15
16	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
17	Prolonged nearwork affects the ciliary muscle morphology. <i>Experimental Eye Research</i> , 2019, 186, 107741.	2.6	12
18	Clinical Protocols for the Evaluation of Rod Function. <i>Ophthalmologica</i> , 2021, 244, 396-407.	1.9	11

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19	An epidemiological approach for the estimation of disease onset in Central Europe in central and peripheral monogenic retinal dystrophies. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2009, 247, 885-894.	1.9	10
20	Transfer characteristics of subretinal visual implants: corneally recorded implant responses. <i>Documenta Ophthalmologica</i> , 2016, 133, 81-90.	2.2	10
21	Pupil response components: attention-light interaction in patients with Parinaudâ€™s syndrome. <i>Scientific Reports</i> , 2017, 7, 10283.	3.3	10
22	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
23	Assessment of "non-recordable" electroretinograms by 9ÂˆHz flicker stimulation under scotopic conditions. <i>Documenta Ophthalmologica</i> , 2012, 124, 27-39.	2.2	7
24	Phosphene perception and pupillary responses to sinusoidal electrostimulation - For an objective measurement of retinal function. <i>Experimental Eye Research</i> , 2018, 176, 210-218.	2.6	7
25	An integrated domain specific language for post-processing and visualizing electrophysiological signals in Java. , 2010, 2010, 4687-90.		4
26	Color Pupillography in Dorsal Midbrain Syndrome. <i>Journal of Neuro-Ophthalmology</i> , 2017, 37, 247-252.	0.8	4
27	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
28	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
29	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
30	How lesions at different locations along the visual pathway influence pupillary reactions to chromatic stimuli. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2021, 260, 1675.	1.9	2
31	Central Visual Function and Genotypeâ€™Phenotype Correlations in <i>PDE6A</i>-Associated Retinitis Pigmentosa. , 2022, 63, 9.		2
32	ELVisML: an open data format for the exchange and storage of electrophysiological data in ophthalmology. <i>Documenta Ophthalmologica</i> , 2018, 136, 75-92.	2.2	1
33	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. <i>Sensors</i> , 2019, 19, 4890.	3.8	1
34	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
35	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
36	The Tuebingen Scotopic Threshold Test (TSTT). <i>IEEE Journal of Biomedical and Health Informatics</i> , 2018, 22, 607-610.	6.3	0

#	ARTICLE	IF	CITATIONS
37	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
38	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
39	Title is missing!. , 2020, 15, e0234330.		0
40	Title is missing!. , 2020, 15, e0234330.		0
41	Title is missing!. , 2020, 15, e0234330.		0
42	Title is missing!. , 2020, 15, e0234330.		0
43	Novel Three-Dimensional and Biocompatible Lift-Off Method for Selective Metallization of a Scleral Contact Lens Electrode for Biopotential Detection. <i>Frontiers in Medical Technology</i> , 0, 4, .	2.5	0