

Laura K Young

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3259973/publications.pdf>

Version: 2024-02-01

25
papers

285
citations

1307594

7
h-index

940533

16
g-index

26
all docs

26
docs citations

26
times ranked

397
citing authors

#	ARTICLE	IF	CITATIONS
1	British Congress of Optometry and Vision Science 2021. <i>Ophthalmic and Physiological Optics</i> , 2022, 42, 226-229.	2.0	0
2	Comparison between optical and digital blur using near visual acuity. <i>Scientific Reports</i> , 2021, 11, 3437.	3.3	4
3	Feature issue introduction: applications of adaptive optics. <i>Optics Express</i> , 2021, 29, 11533.	3.4	5
4	Magnifying Grains of Sand, Seeds, and Blades of Grass: Optical Effects in Robert Grosseteste's <i>De iride</i> (On the Rainbow) (circa 1228-1230). <i>Isis</i> , 2021, 112, 93-107.	0.5	0
5	Emulated retinal image capture (ERICA) to test, train and validate processing of retinal images. <i>Scientific Reports</i> , 2021, 11, 11225.	3.3	3
6	What makes a microsaccade? A review of 70 years research prompts a new detection method. <i>Journal of Eye Movement Research</i> , 2020, 12, .	0.8	13
7	Simultaneous Optimisation of Confocal and Non-confocal Images in an AOSLO with a Reconfigurable Aperture Pattern. <i>Communications in Computer and Information Science</i> , 2020, , 410-419.	0.5	0
8	Non-invasive in vivo quantification of the developing optical properties and graded index of the embryonic eye lens using SPIM. <i>Biomedical Optics Express</i> , 2018, 9, 2176.	2.9	8
9	Compact, modular and in-plane AOSLO for high-resolution retinal imaging. <i>Biomedical Optics Express</i> , 2018, 9, 4275.	2.9	6
10	A new concept of imaging system: telescope windows. , 2018, , .		0
11	Vision science and adaptive optics, the state of the field. <i>Vision Research</i> , 2017, 132, 3-33.	1.4	115
12	Precise spatio-temporal control of rapid optogenetic cell ablation with mem-KillerRed in Zebrafish. <i>Scientific Reports</i> , 2017, 7, 5096.	3.3	28
13	Telescope windows: development of a novel pixellated optical system. , 2017, , .		0
14	Recording fixational eye movements with a new AOSLO: simulation, measurement and evaluation. <i>Journal of Vision</i> , 2017, 17, 34.	0.3	1
15	Design, manufacture, and evaluation of prototype telescope windows for use in low-vision aids. , 2017, , .		1
16	In vivo, Ex Vivo, and In Vitro Approaches to Study Intermediate Filaments in the Eye Lens. <i>Methods in Enzymology</i> , 2016, 568, 581-611.	1.0	4
17	Using SPIM to track the development of the focal power of the zebrafish lens. <i>Proceedings of SPIE</i> , 2015, , .	0.8	1
18	Critical band masking reveals the effects of optical distortions on the channel mediating letter identification. <i>Frontiers in Psychology</i> , 2014, 5, 1060.	2.1	7

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19	Accounting for the phase, spatial frequency and orientation demands of the task improves metrics based on the visual Strehl ratio. <i>Vision Research</i> , 2013, 90, 57-67.	1.4	8
20	Different aberrations raise contrast thresholds for single-letter identification in line with their effect on cross-correlation-based confusability. <i>Journal of Vision</i> , 2013, 13, 12-12.	0.3	4
21	Not all aberrations are equal: Reading impairment depends on aberration type and magnitude. <i>Journal of Vision</i> , 2011, 11, 20-20.	0.3	11
22	Deformable mirror models for open-loop adaptive optics using non-parametric estimation techniques. , 2010, , .		0
23	Deformable mirror model for open-loop adaptive optics using multivariate adaptive regression splines. <i>Optics Express</i> , 2010, 18, 6492.	3.4	36
24	Deformable mirror controller for open-loop adaptive optics. <i>Proceedings of SPIE</i> , 2008, , .	0.8	4
25	CANARY: the on-sky NGS/LGS MOAO demonstrator for EAGLE. , 2008, , .		26