

# Manuel Spitschan

## List of Publications by Year in descending order

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Version: 2024-02-01

45  
papers

1,593  
citations

471061

17  
h-index

360668

35  
g-index

66  
all docs

66  
docs citations

66  
times ranked

1129  
citing authors

#	ARTICLE	IF	CITATIONS
1	Individual differences and diversity in human physiological responses to light. <i>EBioMedicine</i> , 2022, 75, 103640.	2.7	20
2	Sex differences and sex bias in human circadian and sleep physiology research. <i>ELife</i> , 2022, 11, .	2.8	14
3	Towards “Fourth Paradigm”™ Spectral Sensing. <i>Sensors</i> , 2022, 22, 2377.	2.1	2
4	White Paper: Open Digital Health “accelerating transparent and scalable health promotion and treatment. <i>Health Psychology Review</i> , 2022, 16, 475-491.	4.4	16
5	Duration invariance and intensity dependence of the human circadian system phase shifting response to brief light flashes. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2022, 289, 20211943.	1.2	6
6	Recommendations for daytime, evening, and nighttime indoor light exposure to best support physiology, sleep, and wakefulness in healthy adults. <i>PLoS Biology</i> , 2022, 20, e3001571.	2.6	158
7	PyPIr: A versatile, integrated system of hardware and software for researching the human pupillary light reflex. <i>Behavior Research Methods</i> , 2022, 54, 2720-2739.	2.3	4
8	luxo: novel open-access and open-source web platform for calculating and sharing physiologically relevant quantities for light and lighting. <i>Wellcome Open Research</i> , 2021, 6, 69.	0.9	9
9	luxo: novel validated open-access and open-source web platform for calculating and sharing physiologically relevant quantities for light and lighting. <i>Wellcome Open Research</i> , 2021, 6, 69.	0.9	9
10	Time-Varying Light Exposure in Chronobiology and Sleep Research Experiments. <i>Frontiers in Neurology</i> , 2021, 12, 654158.	1.1	8
11	Editorial: Translation and Processing of Light by the Non-image Forming Visual System“Context, Mechanisms and Applications. <i>Frontiers in Neurology</i> , 2021, 12, 727849.	1.1	0
12	Sleep and circadian phenotype in people without cone-mediated vision: a case series of five <i>CNGB3</i> and two <i>CNGB3</i> patients. <i>Brain Communications</i> , 2021, 3, fcab159.	1.5	8
13	46“...The sleep, circadian rhythms and mental health in schools (SCRAMS) feasibility study. , 2021, , .		0
14	Effects of Cage Position and Light Transmission on Home Cage Activity and Circadian Entrainment in Mice. <i>Frontiers in Neuroscience</i> , 2021, 15, 832535.	1.4	5
15	Night Matters“Why the Interdisciplinary Field of “Night Studies”Is Needed. <i>J</i> , 2020, 3, 1-6.	0.6	26
16	Principles of open, transparent and reproducible science in author guidelines of sleep research and chronobiology journals. <i>Wellcome Open Research</i> , 2020, 5, 172.	0.9	12
17	Transparency and open science principles in reporting guidelines in sleep research and chronobiology journals. <i>Wellcome Open Research</i> , 2020, 5, 172.	0.9	10
18	Demonstrating a multi-primary high dynamic range display system for vision experiments. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2020, 37, A271.	0.8	22

#	ARTICLE	IF	CITATIONS
19	Photoreceptor inputs to pupil control. <i>Journal of Vision</i> , 2019, 19, 5.	0.1	57
20	What is the "spectral diet"™ of humans?. <i>Current Opinion in Behavioral Sciences</i> , 2019, 30, 80-86.	2.0	46
21	Melanopsin contributions to non-visual and visual function. <i>Current Opinion in Behavioral Sciences</i> , 2019, 30, 67-72.	2.0	75
22	Binocular facilitation in light-mediated melatonin suppression?. <i>Journal of Pineal Research</i> , 2019, 67, e12602.	3.4	12
23	How to Report Light Exposure in Human Chronobiology and Sleep Research Experiments. <i>Clocks &amp; Sleep</i> , 2019, 1, 280-289.	0.9	82
24	Visual and non-visual properties of filters manipulating short-wavelength light. <i>Ophthalmic and Physiological Optics</i> , 2019, 39, 459-468.	1.0	11
25	Auswirkungen von Licht auf zirkadiane Rhythmen, Schlaf und die Stimmung bei Menschen. <i>Somnologie</i> , 2019, 23, 147-156.	0.9	283
26	Opinion: Future-proofing circadian research. <i>Lighting Research and Technology</i> , 2019, 51, 818-819.	1.2	8
27	Auditory psychomotor vigilance testing in older and young adults: a revised threshold setting procedure. <i>Sleep and Breathing</i> , 2019, 23, 1021-1025.	0.9	7
28	Pupil responses to hidden photoreceptor-specific modulations in movies. <i>PLoS ONE</i> , 2019, 14, e0216307.	1.1	6
29	The Neon Fruit Illusion: A Fresh Recipe for Colour Science Demonstrations. <i>Perception</i> , 2019, 48, 242-247.	0.5	3
30	Differences in rod sensitivity due to photic history?. <i>Pain</i> , 2019, 160, 2409-2409.	2.0	1
31	No evidence for an S cone contribution to acute neuroendocrine and alerting responses to light. <i>Current Biology</i> , 2019, 29, R1297-R1298.	1.8	45
32	Comment on "Domestic light at night and breast cancer risk: a prospective analysis of 105000 UK women in the Generations Study". <i>British Journal of Cancer</i> , 2019, 120, 276-277.	2.9	4
33	The Method of Silent Substitution for Examining Melanopsin Contributions to Pupil Control. <i>Frontiers in Neurology</i> , 2018, 9, 941.	1.1	64
34	Pulses of Melanopsin-Directed Contrast Produce Highly Reproducible Pupil Responses That Are Insensitive to a Change in Background Radiance. , 2018, 59, 5615.		7
35	The population mean pupil response to melanopsin stimulation is reliable across sessions and background light levels. <i>Journal of Vision</i> , 2018, 18, 878.	0.1	0
36	Chromatic clocks: Color opponency in non-image-forming visual function. <i>Neuroscience and Biobehavioral Reviews</i> , 2017, 78, 24-33.	2.9	34

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37	The human visual cortex response to melanopsin-directed stimulation is accompanied by a distinct perceptual experience. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 12291-12296.	3.3	87
38	Vision: Melanopsin as a Raumgeber. Current Biology, 2017, 27, R644-R646.	1.8	1
39	The relative amplitude of pupil response to melanopsin stimulation is a stable individual difference. Journal of Vision, 2017, 17, 14.	0.1	1
40	Variation of outdoor illumination as a function of solar elevation and light pollution. Scientific Reports, 2016, 6, 26756.	1.6	131
41	Human Visual Cortex Responses to Rapid Cone and Melanopsin-Directed Flicker. Journal of Neuroscience, 2016, 36, 1471-1482.	1.7	35
42	Selective Stimulation of Penumbra Cones Reveals Perception in the Shadow of Retinal Blood Vessels. PLoS ONE, 2015, 10, e0124328.	1.1	47
43	Perceptual integration across natural monocular regions. Journal of Vision, 2014, 14, 5-5.	0.1	2
44	Opponent melanopsin and S-cone signals in the human pupillary light response. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 15568-15572.	3.3	161
45	lux: validated reference open-access and open-source web platform for calculating and sharing physiologically relevant quantities for light and lighting. Wellcome Open Research, 0, 6, 69.	0.9	7