Sarah L Chellappa

List of Publications by Year
in descending order

36	1,820	331538	377752
papers	citations	21 h-index	34 g-index

36	36	36	2267
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Acute exposure to evening blueâ€enriched light impacts on human sleep. Journal of Sleep Research, 2013, 22, 573-580.	1.7	202
2	Impact of Circadian Disruption on Cardiovascular Function and Disease. Trends in Endocrinology and Metabolism, 2019, 30, 767-779.	3.1	170
3	Local modulation of human brain responses by circadian rhythmicity and sleep debt. Science, 2016, 353, 687-690.	6.0	149
4	Circadian regulation of human cortical excitability. Nature Communications, 2016, 7, 11828.	5.8	146
5	Effects of Artificial Dawn and Morning Blue Light on Daytime Cognitive Performance, Well-being, Cortisol and Melatonin Levels. Chronobiology International, 2013, 30, 988-997.	0.9	113
6	Sleep and anxiety: From mechanisms to interventions. Sleep Medicine Reviews, 2022, 61, 101583.	3.8	99
7	Human Melatonin and Alerting Response to Blue-Enriched Light Depend on a Polymorphism in the Clock Gene PER3. Journal of Clinical Endocrinology and Metabolism, 2012, 97, E433-E437.	1.8	91
8	Seasonality in human cognitive brain responses. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 3066-3071.	3.3	87
9	Light Modulation of Human Clocks, Wake, and Sleep. Clocks & Sleep, 2019, 1, 193-208.	0.9	76
10	Daily circadian misalignment impairs human cognitive performance task-dependently. Scientific Reports, 2018, 8, 3041.	1.6	72
11	Individual differences in light sensitivity affect sleep and circadian rhythms. Sleep, 2021, 44, .	0.6	67
12	Sex differences in light sensitivity impact on brightness perception, vigilant attention and sleep in humans. Scientific Reports, 2017, 7, 14215.	1.6	66
13	Effects of circadian misalignment on cognition in chronic shift workers. Scientific Reports, 2019, 9, 699.	1.6	61
14	Circadian dynamics in measures of cortical excitation and inhibition balance. Scientific Reports, 2016, 6, 33661.	1.6	58
15	Circadian misalignment increases mood vulnerability in simulated shift work. Scientific Reports, 2020, 10, 18614.	1.6	53
16	Daytime eating prevents internal circadian misalignment and glucose intolerance in night work. Science Advances, 2021, 7, eabg9910.	4.7	46
17	Dawn simulation light impacts on different cognitive domains under sleep restriction. Behavioural Brain Research, 2015, 281, 258-266.	1.2	38
18	Age-related decrease in cortical excitability circadian variations during sleep loss and its links with cognition. Neurobiology of Aging, 2019, 78, 52-63.	1.5	33

#	Article	IF	Citations
19	Light modulation of human sleep depends on a polymorphism in the clock gene Period3. Behavioural Brain Research, 2014, 271, 23-29.	1.2	31
20	In a Heartbeat: Light and Cardiovascular Physiology. Frontiers in Neurology, 2017, 8, 541.	1.1	25
21	Association of Intraocular Cataract Lens Replacement With Circadian Rhythms, Cognitive Function, and Sleep in Older Adults. JAMA Ophthalmology, 2019, 137, 878.	1.4	25
22	Circadian misalignment: A biological basis for mood vulnerability in shift work. European Journal of Neuroscience, 2020, 52, 3846-3850.	1.2	23
23	Human fronto-parietal response scattering subserves vigilance at night. NeuroImage, 2018, 175, 354-364.	2.1	18
24	Age effects on spectral electroencephalogram activity prior to dream recall. Journal of Sleep Research, 2012, 21, 247-256.	1.7	16
25	Impact of mental stress, the circadian system and their interaction on human cardiovascular function. Psychoneuroendocrinology, 2019, 103, 125-129.	1.3	12
26	Proofâ€ofâ€principle demonstration of endogenous circadian system and circadian misalignment effects on human oral microbiota. FASEB Journal, 2022, 36, e22043.	0.2	9
27	Age-related neuroendocrine and alerting responses to light. GeroScience, 2021, 43, 1767-1781.	2.1	8
28	Evaluation of Visual Comfort and Mental Effort Under Different Light Conditions for Ultraviolet-Absorbing and Additional Blue-Filtering Intraocular Lenses for Cataract Surgery. Klinische Monatsblatter Fur Augenheilkunde, 2019, 236, 398-404.	0.3	7
29	Subjective Mood in Young Unmedicated Depressed Women under High and Low Sleep Pressure Conditions. Biology, 2016, 5, 52.	1.3	6
30	Intraocular cataract lens replacement and light exposure potentially impact procedural learning in older adults. Journal of Sleep Research, 2021, 30, e13043.	1.7	5
31	Aging, light sensitivity and circadian health. Aging, 2021, 13, 25604-25606.	1.4	4
32	Eyes Open on Sleep and Wake: In Vivo to In Silico Neural Networks. Neural Plasticity, 2016, 2016, 1-13.	1.0	2
33	Reply to Bracke et al. Comment on â€œPrayag et al. Light Modulation of Human Clocks, Wake, and Sleep. Clocks&Sleep 2019, 1, 193â€“208â€. Clocks & Sleep, 2021, 3, 398-402.	0.9	1
34	Cross-sectional study of intraocular cataract lens replacement, circadian rest-activity rhythms and sleep quality in older adults. Sleep, 2022, , .	0.6	1
35	0050 Impact of the Circadian System and Circadian Misalignment on Human Salivary Microbiota. Sleep, 2019, 42, A20-A21.	0.6	0
36	Circadian and Sleep Modulation of Dreaming in Women with Major Depression. Clocks & Sleep, 2022, 4, 114-128.	0.9	0