Sarah L Chellappa

List of Publications by Year
in descending order

36 papers	1,820 citations	331670 21 h-index	377865 34 g-index
36 all docs	36 docs citations	36 times ranked	2267 citing authors

#	Article	IF	Citations
1	Proofâ€ofâ€principle demonstration of endogenous circadian system and circadian misalignment effects on human oral microbiota. FASEB Journal, 2022, 36, e22043.	0.5	9
2	Sleep and anxiety: From mechanisms to interventions. Sleep Medicine Reviews, 2022, 61, 101583.	8.5	99
3	Cross-sectional study of intraocular cataract lens replacement, circadian rest-activity rhythms and sleep quality in older adults. Sleep, 2022, , .	1.1	1
4	Circadian and Sleep Modulation of Dreaming in Women with Major Depression. Clocks & Sleep, 2022, 4, 114-128.	2.0	0
5	Intraocular cataract lens replacement and light exposure potentially impact procedural learning in older adults. Journal of Sleep Research, 2021, 30, e13043.	3.2	5
6	Individual differences in light sensitivity affect sleep and circadian rhythms. Sleep, 2021, 44, .	1.1	67
7	Age-related neuroendocrine and alerting responses to light. GeroScience, 2021, 43, 1767-1781.	4.6	8
8	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.	2.0	1
9	Daytime eating prevents internal circadian misalignment and glucose intolerance in night work. Science Advances, 2021, 7, eabg9910.	10.3	46
10	Aging, light sensitivity and circadian health. Aging, 2021, 13, 25604-25606.	3.1	4
11	Circadian misalignment increases mood vulnerability in simulated shift work. Scientific Reports, 2020, 10, 18614.	3.3	53
12	Circadian misalignment: A biological basis for mood vulnerability in shift work. European Journal of Neuroscience, 2020, 52, 3846-3850.	2.6	23
13	Impact of Circadian Disruption on Cardiovascular Function and Disease. Trends in Endocrinology and Metabolism, 2019, 30, 767-779.	7.1	170
14	Effects of circadian misalignment on cognition in chronic shift workers. Scientific Reports, 2019, 9, 699.	3.3	61
15	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.	0.5	7
16	Association of Intraocular Cataract Lens Replacement With Circadian Rhythms, Cognitive Function, and Sleep in Older Adults. JAMA Ophthalmology, 2019, 137, 878.	2.5	25
17	0050 Impact of the Circadian System and Circadian Misalignment on Human Salivary Microbiota. Sleep, 2019, 42, A20-A21.	1.1	0
18	Light Modulation of Human Clocks, Wake, and Sleep. Clocks & Sleep, 2019, 1, 193-208.	2.0	76

#	Article	IF	Citations
19	Age-related decrease in cortical excitability circadian variations during sleep loss and its links with cognition. Neurobiology of Aging, 2019, 78, 52-63.	3.1	33
20	Impact of mental stress, the circadian system and their interaction on human cardiovascular function. Psychoneuroendocrinology, 2019, 103, 125-129.	2.7	12
21	Daily circadian misalignment impairs human cognitive performance task-dependently. Scientific Reports, 2018, 8, 3041.	3.3	72
22	Human fronto-parietal response scattering subserves vigilance at night. NeuroImage, 2018, 175, 354-364.	4.2	18
23	Sex differences in light sensitivity impact on brightness perception, vigilant attention and sleep in humans. Scientific Reports, 2017, 7, 14215.	3.3	66
24	In a Heartbeat: Light and Cardiovascular Physiology. Frontiers in Neurology, 2017, 8, 541.	2.4	25
25	Eyes Open on Sleep and Wake: In Vivo to In Silico Neural Networks. Neural Plasticity, 2016, 2016, 1-13.	2.2	2
26	Subjective Mood in Young Unmedicated Depressed Women under High and Low Sleep Pressure Conditions. Biology, 2016, 5, 52.	2.8	6
27	Circadian regulation of human cortical excitability. Nature Communications, 2016, 7, 11828.	12.8	146
28	Local modulation of human brain responses by circadian rhythmicity and sleep debt. Science, 2016, 353, 687-690.	12.6	149
29	Circadian dynamics in measures of cortical excitation and inhibition balance. Scientific Reports, 2016, 6, 33661.	3.3	58
30	Seasonality in human cognitive brain responses. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 3066-3071.	7.1	87
31	Dawn simulation light impacts on different cognitive domains under sleep restriction. Behavioural Brain Research, 2015, 281, 258-266.	2.2	38
32	Light modulation of human sleep depends on a polymorphism in the clock gene Period3. Behavioural Brain Research, 2014, 271, 23-29.	2.2	31
33	Effects of Artificial Dawn and Morning Blue Light on Daytime Cognitive Performance, Well-being, Cortisol and Melatonin Levels. Chronobiology International, 2013, 30, 988-997.	2.0	113
34	Acute exposure to evening blueâ€enriched light impacts on human sleep. Journal of Sleep Research, 2013, 22, 573-580.	3.2	202
35	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.	3.6	91
36	Age effects on spectral electroencephalogram activity prior to dream recall. Journal of Sleep Research, 2012, 21, 247-256.	3.2	16