

Sarah L Chellappa

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

1,820
citations

331538

21
h-index

377752

34
g-index

36
all docs

36
docs citations

36
times ranked

2267
citing authors

#	ARTICLE	IF	CITATIONS
1	Proof of principle demonstration of endogenous circadian system and circadian misalignment effects on human oral microbiota. <i>FASEB Journal</i> , 2022, 36, e22043.	0.2	9
2	Sleep and anxiety: From mechanisms to interventions. <i>Sleep Medicine Reviews</i> , 2022, 61, 101583.	3.8	99
3	Cross-sectional study of intraocular cataract lens replacement, circadian rest-activity rhythms and sleep quality in older adults. <i>Sleep</i> , 2022, , .	0.6	1
4	Circadian and Sleep Modulation of Dreaming in Women with Major Depression. <i>Clocks & Sleep</i> , 2022, 4, 114-128.	0.9	0
5	Intraocular cataract lens replacement and light exposure potentially impact procedural learning in older adults. <i>Journal of Sleep Research</i> , 2021, 30, e13043.	1.7	5
6	Individual differences in light sensitivity affect sleep and circadian rhythms. <i>Sleep</i> , 2021, 44, .	0.6	67
7	Age-related neuroendocrine and alerting responses to light. <i>GeroScience</i> , 2021, 43, 1767-1781.	2.1	8
8	Reply to Bracke et al. Comment on "Prayag et al. Light Modulation of Human Clocks, Wake, and Sleep. <i>Clocks&Sleep</i> 2019, 1, 193" <i>Clocks & Sleep</i> , 2021, 3, 398-402.	0.9	1
9	Daytime eating prevents internal circadian misalignment and glucose intolerance in night work. <i>Science Advances</i> , 2021, 7, eabg9910.	4.7	46
10	Aging, light sensitivity and circadian health. <i>Aging</i> , 2021, 13, 25604-25606.	1.4	4
11	Circadian misalignment increases mood vulnerability in simulated shift work. <i>Scientific Reports</i> , 2020, 10, 18614.	1.6	53
12	Circadian misalignment: A biological basis for mood vulnerability in shift work. <i>European Journal of Neuroscience</i> , 2020, 52, 3846-3850.	1.2	23
13	Impact of Circadian Disruption on Cardiovascular Function and Disease. <i>Trends in Endocrinology and Metabolism</i> , 2019, 30, 767-779.	3.1	170
14	Effects of circadian misalignment on cognition in chronic shift workers. <i>Scientific Reports</i> , 2019, 9, 699.	1.6	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. <i>Klinische Monatsblätter Fur Augenheilkunde</i> , 2019, 236, 398-404.	0.3	7
16	Association of Intraocular Cataract Lens Replacement With Circadian Rhythms, Cognitive Function, and Sleep in Older Adults. <i>JAMA Ophthalmology</i> , 2019, 137, 878.	1.4	25
17	0050 Impact of the Circadian System and Circadian Misalignment on Human Salivary Microbiota. <i>Sleep</i> , 2019, 42, A20-A21.	0.6	0
18	Light Modulation of Human Clocks, Wake, and Sleep. <i>Clocks & Sleep</i> , 2019, 1, 193-208.	0.9	76

#	ARTICLE	IF	CITATIONS
19	Age-related decrease in cortical excitability circadian variations during sleep loss and its links with cognition. <i>Neurobiology of Aging</i> , 2019, 78, 52-63.	1.5	33
20	Impact of mental stress, the circadian system and their interaction on human cardiovascular function. <i>Psychoneuroendocrinology</i> , 2019, 103, 125-129.	1.3	12
21	Daily circadian misalignment impairs human cognitive performance task-dependently. <i>Scientific Reports</i> , 2018, 8, 3041.	1.6	72
22	Human fronto-parietal response scattering subserves vigilance at night. <i>NeuroImage</i> , 2018, 175, 354-364.	2.1	18
23	Sex differences in light sensitivity impact on brightness perception, vigilant attention and sleep in humans. <i>Scientific Reports</i> , 2017, 7, 14215.	1.6	66
24	In a Heartbeat: Light and Cardiovascular Physiology. <i>Frontiers in Neurology</i> , 2017, 8, 541.	1.1	25
25	Eyes Open on Sleep and Wake: In Vivo to In Silico Neural Networks. <i>Neural Plasticity</i> , 2016, 2016, 1-13.	1.0	2
26	Subjective Mood in Young Unmedicated Depressed Women under High and Low Sleep Pressure Conditions. <i>Biology</i> , 2016, 5, 52.	1.3	6
27	Circadian regulation of human cortical excitability. <i>Nature Communications</i> , 2016, 7, 11828.	5.8	146
28	Local modulation of human brain responses by circadian rhythmicity and sleep debt. <i>Science</i> , 2016, 353, 687-690.	6.0	149
29	Circadian dynamics in measures of cortical excitation and inhibition balance. <i>Scientific Reports</i> , 2016, 6, 33661.	1.6	58
30	Seasonality in human cognitive brain responses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 3066-3071.	3.3	87
31	Dawn simulation light impacts on different cognitive domains under sleep restriction. <i>Behavioural Brain Research</i> , 2015, 281, 258-266.	1.2	38
32	Light modulation of human sleep depends on a polymorphism in the clock gene <i>Period3</i> . <i>Behavioural Brain Research</i> , 2014, 271, 23-29.	1.2	31
33	Effects of Artificial Dawn and Morning Blue Light on Daytime Cognitive Performance, Well-being, Cortisol and Melatonin Levels. <i>Chronobiology International</i> , 2013, 30, 988-997.	0.9	113
34	Acute exposure to evening blue-enriched light impacts on human sleep. <i>Journal of Sleep Research</i> , 2013, 22, 573-580.	1.7	202
35	Human Melatonin and Alerting Response to Blue-Enriched Light Depend on a Polymorphism in the Clock Gene <i>PER3</i> . <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, E433-E437.	1.8	91
36	Age effects on spectral electroencephalogram activity prior to dream recall. <i>Journal of Sleep Research</i> , 2012, 21, 247-256.	1.7	16