Alerting effects of daytime light exposure a proposed link between light exposure and brain mechanisms

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Lighting Research and Technology, 2012, 44, 238-252.

#	Paper	IF	Citations
30	Lighting in educational environments: An example of a complete analysis of the effects of daylight and electric light on occupants. *Building and Environment*, **2013**, 68, 50-65	6.5	41
29	Photopic Perceptual Aspects of LED Lighting. **2014**, 233-336		1
28	Effects of blue light and caffeine on mood. *Psychopharmacology*, **2014**, 231, 3677-83	4.7	10
27	Importance of building orientation in determining daylighting quality in student dorm rooms: Physical and simulated daylighting parameters□values compared to subjective survey results. *Energy and Buildings*, **2014**, 77, 158-170	7	23
26	The Sixth Sense-Emotional Contagion; Review of Biophysical Mechanisms Influencing Information Transfer in Groups. *Journal of Behavioral and Brain Science*, **2014**, 04, 342-374	0.3	4
25	Comparison and Correction of the Light Sensor Output from 48 Wearable Light Exposure Devices by Using a Side-by-Side Field Calibration Method. *LEUKOS - Journal of Illuminating Engineering Society of North America*, **2015**, 11, 155-171	3.5	21
24	Considerations about the impact of public lighting on pedestrians□perception of safety and well-being. *Safety Science*, **2016**, 89, 315-318	5.8	7
23	Arbeitsplatzgestaltung bei □berwachungst□tigkeiten □Grundlagen f□r zuk□nftiges Handeln durch Vigilanzforschung. *Zeitschrift F□r Arbeitswissenschaft*, **2016**, 70, 108-114	0.7	
22	Exposure to Blue Light Increases Subsequent Functional Activation of the Prefrontal Cortex During Performance of a Working Memory Task. *Sleep*, **2016**, 39, 1671-80	1.1	36
21	A numerical analysis of recent colour rendition metrics. *Lighting Research and Technology*, **2017**, 49, 561-573	2	6
20	Human Centric Lighting and Color Quality. **2017**, 335-355		1
19	Regional gray matter changes in shift workers: a voxel-based morphometry study. *Sleep Medicine*, **2017**, 30, 185-188	4.6	4
18	Colour preference, naturalness, vividness and colour quality metrics, Part 4: Experiments with still life arrangements at different correlated colour temperatures. *Lighting Research and Technology*, **2018**, 50, 862-879	2	15
17	Lighting up the office: The effect of wall luminance on room appraisal, office workers' performance, and subjective alertness. *Building and Environment*, **2018**, 142, 534-543	6.5	28
16	Non-visual Biological Mechanism. **2019**, 137-168		1
15	An investigation of the impact of Building Azimuth on energy consumption in sizhai traditional dwellings. *Energy*, **2019**, 180, 594-614	7.9	8
14	The strategies and effectiveness of climate adaptation for the thousand pillars dwelling based on passive elements and passive spaces. *Energy and Buildings*, **2019**, 183, 17-44	7	11

13	Effects of light intervention on alertness and mental performance during the post-lunch dip: a multi-measure study. *Industrial Health*, **2019**, 57, 511-524	2.5	7
12	Non-image forming effects of illuminance and correlated color temperature of office light on alertness, mood, and performance across cognitive domains. *Building and Environment*, **2019**, 149, 253-263	6.5	41
11	Perceived well-being and light-reactive hormones: An exploratory study. *Lighting Research and Technology*, **2019**, 51, 184-205	2	6
10	Towards a user preference model for interior lighting, Part 3: An alternative model. *Lighting Research and Technology*, **2020**, 52, 189-201	2	1
9	An investigation of optimal window-to-wall ratio based on changes in building orientations for traditional dwellings. *Solar Energy*, **2020**, 195, 64-81	6.8	20
8	Exposure to Blue Wavelength Light Is Associated With Increases in Bidirectional Amygdala-DLPFC Connectivity at Rest. *Frontiers in Neurology*, **2021**, 12, 625443	4.1	2
7	The Effect of Blue-enriched White Light on Cognitive Performances and Sleepiness of Simulated Shift Workers: A Randomized Controlled Trial. *Journal of Occupational and Environmental Medicine*, **2021**, 63, 752-759	2	0
6	A comparison of blue light and caffeine effects on cognitive function and alertness in humans. *PLoS ONE*, **2013**, 8, e76707	3.7	36
5	Effects of light on alertness. *Advances in Psychological Science*, **2018**, 26, 1213	0.9	0
4	Influence of the perceived size of a light source on non-visual effects in humans. *Advanced Optical Technologies*, **2020**, 9, 385-393	0.9	0
3	Evaluation of Changes in Psychophysical Performance during the Afternoon Drop off in Work Capacity after the Exposure to Specific Color of Light. *Energies*, **2022**, 15, 350	3.1	
2	Bright light therapy as a non-pharmacological treatment option for multiple sclerosis-related fatigue: A randomized sham-controlled trial. **2022**, 8, 205521732211332		1
1	Diurnal effects of dynamic lighting on alertness, cognition, and mood of mentally fatigued individuals in a daylight deprived environment. 147715352211385		0