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Lighting quality and office work: two field simulation experin

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Lighting Research and Technology, 2006, 38, 191-223.

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#	Paper	IF	Citations
132	Authors' response. <i>Lighting Research and Technology</i> , 2006 , 38, 377-378	2	
131	Effect of daylight saving time on lighting energy use: A literature review. 2008 , 36, 1858-1866		66
130	Lighting appraisal, well-being and performance in open-plan offices: A linked mechanisms approach. <i>Lighting Research and Technology</i> , 2008 , 40, 133-151	2	130
129	Individual control of electric lighting in a daylit space. <i>Lighting Research and Technology</i> , 2008 , 40, 25-41	2	61
128	Detection and Acceptance of Demand-Responsive Lighting in Offices with and without Daylight. 2008 , 4, 139-156		13
127	Control strategies for lighting and ventilation in offices: effects on energy and occupants. 2009 , 1, 101-121		14
126	Measurement and specification of lighting: A look at the future. <i>Lighting Research and Technology</i> , 2009 , 41, 229-243	2	13
125	Field-Measured Performance Evaluation of a Digital Daylighting System. 2010 , 7, 85-101		13
124	Bright light and night work: effects on selective and divided attention in elderly persons. <i>Lighting Research and Technology</i> , 2011 , 43, 473-486	2	7
123	Effects of glazing colour type on perception of daylight quality, arousal, and switch-on patterns of electric light in office rooms. <i>Building and Environment</i> , 2012 , 56, 223-231	6.5	40
122	A visual ergonomics intervention in mail sorting facilities: effects on eyes, muscles and productivity. 2012 , 43, 217-29		39
121	Lighting does Matter: Preliminary Assessment on Office Workers. 2013 , 97, 638-647		23
120	Linking Lighting Appraisals to Work Behaviors. 2013 , 45, 198-214		61
119	Transient effects of harsh luminous conditions on the visual performance of aviators in a civil aircraft cockpit. 2013 , 44, 185-91		6
118	Subjective Responses to Changes in Spectral Power Distributions of LED Light. 2013 , 22, 226-234		3
117	Effects on different age levels of distinct lighting environment design. 2013 , 30, 488-494		3
116	Validation of an online protocol for assessing the luminous environment. <i>Lighting Research and Technology</i> , 2013 , 45, 401-420	2	11

115	Multi-objective optimisation of lighting installations taking into account user preferences in a pilot study. <i>Lighting Research and Technology</i> , 2013 , 45, 176-196	2	24
114	Psychologische Befunde zu Licht und seiner Wirkung auf den Menschen Ein Überblick. 2013 , 35, 193-204		6
113	Analyses on Human Responses to Illuminance Variations for Resident-Friendly Lighting Environment in a Small Office. 2013 , 22, 535-550		10
112	Preferred Chromaticity of Color-Tunable LED Lighting. 2014 , 10, 101-115		60
111	Analysis of Occupants' Visual Perception to Refine Indoor Lighting Environment for Office Tasks. <i>Energies</i> , 2014 , 7, 4116-4139	3.1	28
110	Subjective evaluation of luminance distribution for intelligent outdoor lighting. <i>Lighting Research and Technology</i> , 2014 , 46, 421-433	2	10
109	A METHOD OF OPTIMIZING FENESTRATION DESIGN FOR DAYLIGHTING TO REDUCE HEATING AND COOLING LOADS IN OFFICES. 2014 , 20, 714-723		7
108	Discomfort glare perception of non-uniform light sources in an office setting. 2014 , 39, 5-13		23
107	Solving complex design problems through multiobjective optimisation taking into account judgements of users. 2014 , 25, 223-239		3
106	Illumination, lighting technologies, and indoor environmental quality. 2014 , 24, 225-6		7
105	Lighting at computer workstations. <i>Work</i> , 2015 , 52, 315-28	1.6	8
104	A Multidimensional Continuous Contextual Lighting Control System Using Google Glass. 2015 ,		5
103	User acceptance studies for LED office lighting: Lamp spectrum, spatial brightness and illuminance. <i>Lighting Research and Technology</i> , 2015 , 47, 54-79	2	33
102	Personal environmental control: Effects of pre-set conditions for heating and lighting on personal settings, task performance and comfort experience. <i>Building and Environment</i> , 2015 , 86, 166-176	6.5	34
101	Virtual, Augmented and Mixed Reality. <i>Lecture Notes in Computer Science</i> , 2015 ,	0.9	5
100	Psychovisual evaluations of many luminous environments on the internet. <i>Lighting Research and Technology</i> , 2015 , 47, 405-418	2	
99	Effects of realistic office daylighting and electric lighting conditions on visual comfort, alertness and mood. <i>Lighting Research and Technology</i> , 2015 , 47, 192-209	2	83
98	Effects of LED lighting on office work performance. 2016 ,		4

97	Satisfying light conditions: A field study on perception of consensus light in Dutch open office environments. <i>Building and Environment</i> , 2016 , 105, 116-127	6.5	24
96	Effects of different ambient environments on human responses and work performance. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2016 , 7, 865-874	3.7	5
95	A cross-cultural study on perceived lighting quality and occupants' well-being between UK and South Korea. <i>Energy and Buildings</i> , 2016 , 119, 211-217	7	15
94	Glare and cognitive performance in screen work in the presence of sunlight. <i>Lighting Research and Technology</i> , 2016 , 48, 221-238	2	19
93	Temporal variables and personal factors in glare sensation. <i>Lighting Research and Technology</i> , 2016 , 48, 689-710	2	8
92	Integrative algorithm to optimize skylights considering fully impacts of daylight on energy. <i>Energy and Buildings</i> , 2017 , 138, 655-665	7	20
91	Energy saving potential and visual comfort of task light usage for offices in Malaysia. <i>Energy and Buildings</i> , 2017 , 147, 166-175	7	12
90	Lighting preference profiles of users in an open office environment. <i>Building and Environment</i> , 2017 , 116, 89-107	6.5	41
89	Influence of wall luminance and uniformity on preferred task illuminance. <i>Building and Environment</i> , 2017 , 117, 24-35	6.5	13
88	Lighting energy efficiency in offices under different control strategies. <i>Energy and Buildings</i> , 2017 , 138, 127-139	7	37
87	The Impact of Lighting Simulation Discrepancies on Human Visual Perception and Energy Behavior Simulations in Immersive Virtual Environment. 2017 ,		3
86	Gaze and discomfort glare, Part 1: Development of a gaze-driven photometry. <i>Lighting Research and Technology</i> , 2017 , 49, 845-865	2	11
85	Subjectivity of Lighting Perception and Comfort: The Role of Preferences and Expectations. 2017 , 49, 1105-1127		2
84	Mediated Atmospheres. 2017 , 1, 1-23		13
83	Measuring light in field experiments using dummies and objects: A study of concert lighting. <i>Lighting Research and Technology</i> , 2018 , 50, 827-841	2	4
82	Development of a psychological pathway model linking lighting quality to well-being in indoor café environments. 2018 , 27, 390-401		5
81	Visual discomfort indoors. <i>Lighting Research and Technology</i> , 2018 , 50, 98-114	2	23
80	Inferring personalized visual satisfaction profiles in daylit offices from comparative preferences using a Bayesian approach. <i>Building and Environment</i> , 2018 , 138, 74-88	6.5	12

79	Reflections on a retrofit: Organizational commitment, perceived productivity and controllability in a building lighting project in the United States. 2018 , 38, 154-164		14
78	Intellectual productivity under task ambient lighting. <i>Lighting Research and Technology</i> , 2018 , 50, 237-252		11
77	Sensor-driven, human-in-the-loop lighting control. <i>Lighting Research and Technology</i> , 2018 , 50, 660-680	2	13
76	Users' experiences of lighting controls: A case-study. <i>Lighting Research and Technology</i> , 2018 , 50, 1091-1106		4
75	Emotion Enhancement through Ubiquitous Media Technology in a Smart Kitchen Environment. 2018 ,		1
74	Morning boost on individuals' psychophysiological wellbeing indicators with supportive, dynamic lighting in windowless open-plan workplace in Malaysia. 2018 , 13, e0207488		6
73	Measurements of workplace productivity in the office context. 2018 , 20, 281-301		12
72	Emotional evaluation of lighting in university classrooms: A preliminary study. 2018 , 7, 600-609		16
71	Video Display Operator Complaints: A 10-Year Follow-Up of Visual Fatigue and Refractive Disorders. 2019 , 16,		14
70	Design Aspects. 2019 , 407-429		
69	Strategic Office Lighting. 2019 , 183-214		
68	An applied framework to evaluate the impact of indoor office environmental factors on occupants' comfort and working conditions. 2019 , 46, 101447		35
67	A review of factors affecting occupant comfort in multi-unit residential buildings. <i>Building and Environment</i> , 2019 , 160, 106182	6.5	64
66	Light as a positive situational cue at work: Satisfaction with light relates to judgements of other's warmth and competence. 2019 , 62, 995-1007		3
65	Illumination simulation of working environment during the testing of cutting materials durability. 2019 , 10, 161-169		11
64	Visual discomfort and glare assessment in office environments: A review of light-induced physiological and perceptual responses. <i>Building and Environment</i> , 2019 , 153, 267-280	6.5	27
63	Judging the Scientific Quality of Applied Lighting Research. 2019 , 15, 97-114		24
62	Decoupling Office Energy Efficiency From Employees' Well-Being and Performance: A Systematic Review. 2019 , 10, 293		6

61	Building value proposition for interactive lighting systems in the workplace: Combining energy and occupant perspectives. 2019 , 24, 100752		10
60	Subjective Assessments of Lighting Quality: A Measurement Review. 2019 , 15, 115-126		15
59	New Building Cladding System Using Independent Tilted BIPV Panels with Battery Storage Capability. 2019 , 11, 5546		6
58	Development and field testing of a multi-dimensional tool for benchmarking knowledge worker productivity. 2019 , 11, 227-247		2
57	The importance of including position and viewing direction when measuring and assessing the lighting conditions of office workers. <i>Work</i> , 2019 , 64, 877-895	1.6	4
56	The effect of illuminance and correlated colour temperature on perceived comfort according to reading behaviour in a capsule hotel. <i>Building and Environment</i> , 2019 , 148, 384-393	6.5	20
55	Visual Performance in Office. 2019 , 215-239		0
54	Lighting Systems. 2019 , 371-404		
53	Sharing lighting control in an open office: Doing one's best to avoid conflict. <i>Building and Environment</i> , 2019 , 148, 1-10	6.5	12
52	Lighting for work: A study of the relationships among discomfort glare, physiological responses and visual performance. <i>Building and Environment</i> , 2020 , 167, 106478	6.5	14
51	A method to assess lighting quality in educational rooms using analytic hierarchy process. <i>Building and Environment</i> , 2020 , 168, 106501	6.5	37
50	Criteria for occupant well-being: A qualitative study of Malaysian office buildings. <i>Building and Environment</i> , 2020 , 186, 107364	6.5	7
49	Flow of Light: Balancing Directionality and CCT in the Office Environment. 2020 , 1-22		2
48	Ten questions concerning well-being in the built environment. <i>Building and Environment</i> , 2020 , 180, 106949	6.5	47
47	Assessment of daylight performance of Advanced Daylighting Strategies in Large University Classrooms; Case Study Classrooms at JUST. 2020 , 59, 791-802		7
46	Revealing the relationships between luminous environment characteristics and physiological, ocular and performance measures: An experimental study. <i>Building and Environment</i> , 2020 , 172, 106702	6.5	5
45	Towards better lighting recommendations for open surgery. <i>Lighting Research and Technology</i> , 2020 , 52, 856-882	2	3
44	Real-time work environment optimization using multimodal media and body sensor network. 2021 , 19, 100164		3

43	Identifying supportive daytime lighting characteristics for enhancing individuals' psychophysiological wellbeing in windowless workplace in tropical Malaysia. 2021 , 30, 298-312		3
42	Research Methods in Daylighting and Electric Lighting. 2021 , 71-93		
41	Diurnal effects of illuminance on performance: Exploring the moderating role of cognitive domain and task difficulty. <i>Lighting Research and Technology</i> , 147715352199064	2	3
40	An experiment of double dynamic lighting in an office responding to sky and daylight: Perceived effects on comfort, atmosphere and work engagement. 1420326X2199119		5
39	Task-related Luminance Distributions for Office Lighting Scenarios. 2021 , 115-128		5
38	Evaluating the overall impression of concert lighting: An integrated approach. <i>Lighting Research and Technology</i> , 147715352110147	2	
37	Analyzing occupants' control over lighting systems in office settings using immersive virtual environments. <i>Building and Environment</i> , 2021 , 196, 107823	6.5	4
36	Research on a Visual Comfort Model Based on Individual Preference in China through Machine Learning Algorithm. 2021 , 13, 7602		4
35	Putting the ceiling center stage The impact of direct/indirect lighting on room appraisal. <i>Building and Environment</i> , 2021 , 201, 107989	6.5	2
34	Design of lighting system for sacred places with the approach of improving technical and economic conditions. 2021 , 12, 2899-2905		1
33	Energy management of HVAC systems in smart buildings by using fuzzy logic and M2M communication. 2021 , 44, 102606		7
32	Desktop lighting for comfortable use of a computer screen. <i>Work</i> , 2021 , 68, S209-S221	1.6	1
31	In Situ Approaches to Studying Occupants. 2018 , 129-167		2
30	Ceiling and Wall Illumination, Utilance, and Power in Interior Lighting. <i>Energies</i> , 2020 , 13, 4744	3.1	4
29	Diseño de oficinas en el Mediterráneo. La importancia del bienestar, la salud y el rendimiento de los usuarios. <i>Informes De La Construcción</i> , 2018 , 70, 235	0.4	2
28	Comportamiento del usuario en Oficinas Inteligentes y Sostenibles (SSO). <i>Informes De La Construcción</i> , 2017 , 69, 005	0.4	1
27	The Effects of the Visual Environment on K-12 Student Achievement. <i>Buildings</i> , 2021 , 11, 498	3.2	
26	Evaluating Comfort Levels of a Workstation with an Individually Controlled Heating and Lighting System. <i>Lecture Notes in Computer Science</i> , 2013 , 213-222	0.9	0

25 References. **2014**, 611-666

- | | | | |
|----|---|------|---|
| 24 | Research on the Visual Comfort for Small Spaces in Different Illuminance Environments. <i>Lecture Notes in Computer Science</i> , 2015 , 67-73 | 0.9 | |
| 23 | Assessment and Design of Illumination in a Steel Manufacturing Company in Ahvaz, Iran. <i>Jundishapur Journal of Health Sciences</i> , 2017 , In Press, | 0.5 | 1 |
| 22 | The effects of light on social cognition and social behavior. <i>Advances in Psychological Science</i> , 2018 , 26, 1083 | 0.9 | |
| 21 | The physical office workplace as a resource for mental health A systematic scoping review. <i>Building and Environment</i> , 2021 , 108505 | 6.5 | 7 |
| 20 | Visuelle Kommunikation bei Veranstaltungen. 2021 , 201-230 | | |
| 19 | LightCloud: Future of Dynamic Lighting in the Shared Space. <i>Advances in Intelligent Systems and Computing</i> , 2021 , 1008-1017 | 0.4 | |
| 18 | Holistic Building Performance Evaluation: An Integrated Post-Occupancy Evaluation and Energy Modeling (POEEM) Framework. 2020 , | | 0 |
| 17 | Low-cost smart solutions for daylight and electric lighting integration in historical buildings. <i>Journal of Physics: Conference Series</i> , 2021 , 2069, 012157 | 0.3 | 1 |
| 16 | Effects of lighting CCT and illuminance on visual perception and task performance in immersive virtual environments. <i>Building and Environment</i> , 2022 , 209, 108678 | 6.5 | 3 |
| 15 | Effect of Enclosed Lighting Environment on Work Performance and Visual Perception. 2020 , | | |
| 14 | Multiplexed lighting system using time-division multiplexing.. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2022 , 1-15 | 3.7 | |
| 13 | Table_1.pdf. 2019 , | | |
| 12 | The impact of woven shade fabrics on correlated colour temperature and illuminance with daylighting. <i>Lighting Research and Technology</i> , 147715352210773 | 2 | |
| 11 | Effects of lighting conditions on user preferences in retail apparel stores, within the cultural context of India. <i>Building and Environment</i> , 2022 , 221, 109270 | 6.5 | |
| 10 | Mediated Atmosphere Table (MAT): Adaptive Multimodal Media System for Stress Restoration. <i>IEEE Internet of Things Journal</i> , 2022 , 1-1 | 10.7 | |
| 9 | Effectiveness of low-cost non-invasive solutions for daylight and electric lighting integration to improve energy efficiency in historical buildings. <i>Energy and Buildings</i> , 2022 , 270, 112281 | 7 | 0 |
| 8 | Perceived visual comfort and usefulness of a circadian lighting system implemented at a nursing home. | | |

- 7 Indoor lighting effects on subjective impressions and mood states: A critical review. **2022**, 224, 109591 1
- 6 The physical office work environment and employee wellbeing: Current state of research and future research agenda. 0
- 5 Key Factors for Evaluating Visual Perception Responses to Social Media Video Communication. **2022**, 14, 13019 0
- 4 A Comparative Field Study of Indoor Environment Quality and Work Productivity between Job Types in a Research Institute in Korea. **2022**, 19, 14332 0
- 3 Using the DEMATEL Method to Explore Influencing Factors for Video Communication and Visual Perceptions in Social Media. **2022**, 14, 15164 0
- 2 Identifying Nurses' Perception of a Lighting Installation in a Newly Built Hospital. **2022**, 1099, 012027 0
- 1 Study of the Effects of Daylighting and Artificial Lighting at 59° Latitude on Mental States, Behaviour and Perception. **2023**, 15, 1144 0