

Alexander Rosemann

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

895
citations

516215

16
h-index

580395

25
g-index

35
all docs

35
docs citations

35
times ranked

775
citing authors

#	ARTICLE	IF	CITATIONS
1	Occupancy-based lighting control in open-plan office spaces: A state-of-the-art review. Building and Environment, 2017, 112, 308-321.	3.0	117
2	Implementing non-image-forming effects of light in the built environment: A review on what we need. Building and Environment, 2016, 108, 263-272.	3.0	78
3	Photometric measurements of lighting quality: An overview. Building and Environment, 2018, 138, 42-52.	3.0	69
4	Lightpipe applications for daylighting systems. Solar Energy, 2005, 78, 772-780.	2.9	68
5	On the application of wireless sensors and actuators network in existing buildings for occupancy detection and occupancy-driven lighting control. Energy and Buildings, 2016, 127, 75-83.	3.1	65
6	Development of a cost-effective solar illumination system to bring natural light into the building core. Solar Energy, 2008, 82, 302-310.	2.9	63
7	Lighting preference profiles of users in an open office environment. Building and Environment, 2017, 116, 89-107.	3.0	57
8	Performance of personally worn dosimeters to study non-image forming effects of light: Assessment methods. Building and Environment, 2017, 117, 60-72.	3.0	43
9	The Energy Saving Potential of Occupancy-Based Lighting Control Strategies in Open-Plan Offices: The Influence of Occupancy Patterns. Energies, 2018, 11, 2.	1.6	41
10	Satisfying light conditions: A field study on perception of consensus light in Dutch open office environments. Building and Environment, 2016, 105, 116-127.	3.0	38
11	Measured Efficiency of a Luminescent Solar Concentrator PV Module Called Leaf Roof. IEEE Journal of Photovoltaics, 2017, 7, 1663-1666.	1.5	27
12	Effect of Window Glazing on Colour Quality of Transmitted Daylight. Journal of Daylighting, 2017, 4, 37-47.	0.5	22
13	The feasibility of highly granular lighting control in open-plan offices: Exploring the comfort and energy saving potential. Building and Environment, 2018, 142, 427-438.	3.0	21
14	Influence of wall luminance and uniformity on preferred task illuminance. Building and Environment, 2017, 117, 24-35.	3.0	20
15	Ambulant recording of light for vision and non-visual biological effects. Lighting Research and Technology, 2006, 38, 314-321.	1.2	19
16	Recommendations for measuring non-image-forming effects of light: A practical method to apply on cognitive impaired and unaffected participants. Technology and Health Care, 2017, 25, 171-186.	0.5	19
17	Sharing lighting control in an open office: Doing one's best to avoid conflict. Building and Environment, 2019, 148, 1-10.	3.0	17
18	A Practical Device for Measuring the Luminance Distribution. International Journal of Sustainable Lighting, 2017, 19, 75-90.	1.2	17

#	ARTICLE	IF	CITATIONS
19	Quantitative Investigation Through Climate-based Daylight Metrics of Visual Comfort Due to Colorful Glass and Orosi Windows in Iranian Architecture. Journal of Daylighting, 2018, 5, 21-33.	0.5	16
20	Validation of the performance of a new bidirectional video-goniophotometer. Lighting Research and Technology, 2006, 38, 295-311.	1.2	13
21	Cost-effective controlled illumination using daylighting and electric lighting in a dual-function prism light guide. Lighting Research and Technology, 2008, 40, 77-88.	1.2	13
22	A comparison of lighting control strategies for open offices. Building and Environment, 2019, 149, 68-78.	3.0	11
23	Leaf roof " Designing luminescent solar concentrating PV roof tiles. , 2016, , .		10
24	Efficient Dual-Function Solar/Electric Light Guide to Enable Cost-Effective Core Daylighting. LEUKOS - Journal of Illuminating Engineering Society of North America, 2007, 3, 259-276.	1.5	9
25	A new design for luminescent solar concentrating PV roof tiles. , 2015, , .		7
26	Preferred luminance distributions in open-plan offices in relation to time-of-day and subjective alertness. LEUKOS - Journal of Illuminating Engineering Society of North America, 2021, 17, 3-20.	1.5	7
27	Methodology to calculate the energy consumption for lighting in buildings. , 2008, , .		4
28	Towards a uniform specification of light therapy devices for the treatment of affective disorders and use for non-image forming effects: Radiant flux. Journal of Affective Disorders, 2018, 235, 142-149.	2.0	3
29	Assessing the energy use of occupancy-based lighting control strategies in open-plan offices. , 2017, , .		1
30	Local Lighting Control in Open-Plan Offices: The Influence of Office Lay-Out. Advances in Intelligent Systems and Computing, 2019, , 97-106.	0.5	0