

CITATION REPORT

List of articles citing

A camera as a sensor for lighting and shading control

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Lighting Research and Technology, 2009, 41, 143-163.

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
49	A camera as a sensor for lighting and shading control. <i>Lighting Research and Technology</i> , 2009 , 41, 143-163		46
48	The Effect of Luminance Distribution Patterns on Occupant Preference in a Daylit Office Environment. <i>LEUKOS - Journal of Illuminating Engineering Society of North America</i> , 2010 , 7, 103-122	3.5	71
47	ImagiLight. 2011 ,		3
46	Improving the quality of high dynamic range images. <i>Lighting Research and Technology</i> , 2011 , 43, 87-102	2	42
45	. <i>IEEE Transactions on Multimedia</i> , 2012 , 14, 1351-1358	6.6	
44	Manually-operated window shade patterns in office buildings: A critical review. <i>Building and Environment</i> , 2013 , 60, 319-338	6.5	150
43	Visual Comfort, Discomfort Glare, and Occupant Fenestration Control: Developing a Research Agenda. <i>LEUKOS - Journal of Illuminating Engineering Society of North America</i> , 2014 , 10, 207-221	3.5	35
42	Predicting visual comfort in side-lit open-plan core zones: Results of a field study pairing high dynamic range images with subjective responses. <i>Energy and Buildings</i> , 2014 , 77, 67-79	7	56
41	A review on lighting control technologies in commercial buildings, their performance and affecting factors. <i>Renewable and Sustainable Energy Reviews</i> , 2014 , 33, 268-279	16.2	148
40	Future Directions in LED Applications. <i>Solid State Lighting Technology and Application Series</i> , 2014 , 519-547	17	1
39	Commissioning of camera calibration factor for luminance measurement. 2014 ,		3
38	Multi-criteria decision analysis to select the optimum position and proper field of view of a photosensor. <i>Energy Conversion and Management</i> , 2014 , 86, 1069-1077	10.6	53
37	Toward Smart and Ultra-efficient Solid-State Lighting. <i>Advanced Optical Materials</i> , 2014 , 2, 809-836	8.1	228
36	Smart indoor lighting systems with luminaire-based sensing: A review of lighting control approaches. <i>Energy and Buildings</i> , 2015 , 104, 369-377	7	108
35	Daylight harvesting control systems design recommendations based on a literature review. 2015 ,		4
34	Real-time smart lighting control using human motion tracking from depth camera. <i>Journal of Real-Time Image Processing</i> , 2015 , 10, 805-820	1.9	12
33	Why are daylight-linked controls (DLCs) not so spread? A literature review. <i>Building and Environment</i> , 2016 , 106, 301-312	6.5	47

32	Leveraging existing occupancy-related data for optimal control of commercial office buildings: A review. <i>Advanced Engineering Informatics</i> , 2017 , 33, 230-242	7.4	68
31	Emerging System Level Applications for LED Technology. <i>Topics in Applied Physics</i> , 2017 , 481-492	0.5	
30	Shading control strategy to avoid visual discomfort by using a low-cost camera: A field study of two cases. <i>Building and Environment</i> , 2017 , 125, 26-38	6.5	28
29	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
28	Characterizing Illumination Levels of an Image Sensor as Input to a Camera Based Illumination Controller. 2018 ,		
27	Modeling occupancy and behavior for better building design and operation A critical review. <i>Building Simulation</i> , 2018 , 11, 899-921	3.9	84
26	High Dynamic Imaging for Photometry and Graphic Arts Evaluation. <i>Journal of the Institution of Engineers (India): Series B</i> , 2018 , 99, 383-389	0.9	0
25	Image-based perceptual analysis of lit environments. <i>Lighting Research and Technology</i> , 2019 , 51, 704-724		
24	Split-pane electrochromic window control based on an embedded photometric device with real-time daylighting computing. <i>Building and Environment</i> , 2019 , 161, 106229	6.5	1
23	Automated Eye-sight Venetian blinds based on an embedded photometric device with real-time daylighting computing. <i>Applied Energy</i> , 2019 , 252, 113317	10.7	7
22	Embedded Microcontroller with a CCD Camera as a Digital Lighting Control System. <i>Electronics (Switzerland)</i> , 2019 , 8, 33	2.6	32
21	Design, Implementation and Power Analysis of Pervasive Adaptive Resourceful Smart Lighting and Alerting Devices in Developing Countries Supporting Incandescent and LED Light Bulbs. <i>Sensors</i> , 2019 , 19,	3.8	5
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19	Daylight regulated by automated external Venetian blinds based on HDR sky luminance mapping in winter. <i>Journal of Physics: Conference Series</i> , 2019 , 1343, 012158	0.3	
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15	Experimental evaluation for daylight-linked gradation lighting control using image-based motion sensors. <i>IEEJ Transactions on Electrical and Electronic Engineering</i> , 2020 , 15, 723-732	1	2

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8	Ambient Light Sensor Integration. 2017 , 607-634		6
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6	Evaluation for Effectiveness of Individual Lighting Control using Image-based Motion Sensor. <i>IEEE Transactions on Electronics, Information and Systems</i> , 2018 , 138, 1362-1374	0.1	3
5	Experimental evaluation of occupancy lighting control based on low-power image-based motion sensor. <i>SICE Journal of Control Measurement and System Integration</i> , 2021 , 14, 268-278	0.3	0
4	Emerging System Level Applications for LED Technology. <i>Topics in Applied Physics</i> , 2013 , 373-383	0.5	
3	Experimental Evaluation of Reduction Technique for Time Delay of Turning Off Light to Occupancy Lighting Control. <i>IEEE Transactions on Electrical and Electronic Engineering</i> , 2021 , 16, 265-274	1	0
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1	Using support vector machine to detect desk illuminance sensor blockage for closed-loop daylight harvesting. 2022 , 274, 112443		1