

Wouter R Ryckaert

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

862
citations

567281

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580821

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all docs

26
docs citations

26
times ranked

542
citing authors

#	ARTICLE	IF	CITATIONS
1	The influence of integrative lighting on sleep and cognitive functioning of shift workers during the morning shift in an assembly plant. Applied Ergonomics, 2022, 99, 103618.	3.1	9
2	Efficient transmissive remote phosphor configuration for a laser-driven high-luminance white light source. Optics Express, 2022, 30, 5107.	3.4	3
3	Derivation of Brightness Scales Using Partition Scaling. LEUKOS - Journal of Illuminating Engineering Society of North America, 2021, 17, 125-139.	2.9	1
4	Comment Concerning the Effects of Light Intensity on Melatonin Suppression in the Review "Light Modulation of Human Clocks, Wake, and Sleep" by A. Prayag et al.. Clocks & Sleep, 2021, 3, 181-188.	2.0	5
5	A Comparison of Partition Scaling and Magnitude Estimation for Brightness Scaling. LEUKOS - Journal of Illuminating Engineering Society of North America, 2021, 17, 265-279.	2.9	2
6	Efficient Design Method of Segmented Lenses for Lighting Applications with Prescribed Intensity and Low Peak Luminance. LEUKOS - Journal of Illuminating Engineering Society of North America, 2019, 15, 281-292.	2.9	3
7	Safety perception of stairs with integrated lighting. Building and Environment, 2019, 166, 106389.	6.9	8
8	Luminance spreading freeform lens arrays with accurate intensity control. Optics Express, 2019, 27, 32994.	3.4	15
9	Multi-channel freeform optics for glare-free lighting. , 2019, , .		0
10	Analysis of energy savings of three daylight control systems in a school building by means of monitoring. Energy and Buildings, 2016, 127, 969-979.	6.7	44
11	Experimental driven modelling of the color appearance of unrelated self-luminous stimuli: CAM15u. Optics Express, 2015, 23, 12045.	3.4	29
12	Calculation of the Unified Glare Rating based on luminance maps for uniform and non-uniform light sources. Building and Environment, 2015, 84, 60-67.	6.9	30
13	Predicting the brightness of unrelated self-luminous stimuli. Optics Express, 2014, 22, 16298.	3.4	13
14	Quality Assessment of Virtual Prototypes of Surgical Luminaires using Near-field Ray-data. LEUKOS - Journal of Illuminating Engineering Society of North America, 2013, 9, 189-200.	2.9	3
15	A memory colour quality metric for white light sources. Energy and Buildings, 2012, 49, 216-225.	6.7	69
16	Linear LED tubes versus fluorescent lamps: An evaluation. Energy and Buildings, 2012, 49, 429-436.	6.7	58
17	Optimal colour quality of LED clusters based on memory colours. Optics Express, 2011, 19, 6903.	3.4	18
18	Correlation between color quality metric predictions and visual appreciation of light sources. Optics Express, 2011, 19, 8151.	3.4	105

#	ARTICLE	IF	CITATIONS
19	Colour appearance rating of familiar real objects. <i>Color Research and Application</i> , 2011, 36, 192-200.	1.6	89
20	Criteria for energy efficient lighting in buildings. <i>Energy and Buildings</i> , 2010, 42, 341-347.	6.7	89
21	Memory colours and colour quality evaluation of conventional and solid-state lamps. <i>Optics Express</i> , 2010, 18, 26229.	3.4	104
22	Converter-connected distributed generation units with integrated harmonic voltage damping and harmonic current compensation function. <i>Electric Power Systems Research</i> , 2009, 79, 65-70.	3.6	18
23	Improving the voltage dip immunity of converter-connected distributed generation units. <i>Renewable Energy</i> , 2008, 33, 1011-1018.	8.9	21
24	Distributed Generation for Mitigating Voltage Dips in Low-Voltage Distribution Grids. <i>IEEE Transactions on Power Delivery</i> , 2008, 23, 1581-1588.	4.3	77
25	A Boost PFC Converter With Programmable Harmonic Resistance. <i>IEEE Transactions on Industry Applications</i> , 2007, 43, 742-750.	4.9	24
26	Harmonic mitigation potential of shunt harmonic impedances. <i>Electric Power Systems Research</i> , 2003, 65, 63-69.	3.6	25