

# Wouter R Ryckaert

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9892057/publications.pdf>

Version: 2024-02-01

26  
papers

862  
citations

567281

15  
h-index

580821

25  
g-index

26  
all docs

26  
docs citations

26  
times ranked

542  
citing authors

#	ARTICLE	IF	CITATIONS
1	Correlation between color quality metric predictions and visual appreciation of light sources. Optics Express, 2011, 19, 8151.	3.4	105
2	Memory colours and colour quality evaluation of conventional and solid-state lamps. Optics Express, 2010, 18, 26229.	3.4	104
3	Criteria for energy efficient lighting in buildings. Energy and Buildings, 2010, 42, 341-347.	6.7	89
4	Colour appearance rating of familiar real objects. Color Research and Application, 2011, 36, 192-200.	1.6	89
5	Distributed Generation for Mitigating Voltage Dips in Low-Voltage Distribution Grids. IEEE Transactions on Power Delivery, 2008, 23, 1581-1588.	4.3	77
6	A memory colour quality metric for white light sources. Energy and Buildings, 2012, 49, 216-225.	6.7	69
7	Linear LED tubes versus fluorescent lamps: An evaluation. Energy and Buildings, 2012, 49, 429-436.	6.7	58
8	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
9	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
10	Experimental driven modelling of the color appearance of unrelated self-luminous stimuli: CAM15u. Optics Express, 2015, 23, 12045.	3.4	29
11	Harmonic mitigation potential of shunt harmonic impedances. Electric Power Systems Research, 2003, 65, 63-69.	3.6	25
12	A Boost PFC Converter With Programmable Harmonic Resistance. IEEE Transactions on Industry Applications, 2007, 43, 742-750.	4.9	24
13	Improving the voltage dip immunity of converter-connected distributed generation units. Renewable Energy, 2008, 33, 1011-1018.	8.9	21
14	Converter-connected distributed generation units with integrated harmonic voltage damping and harmonic current compensation function. Electric Power Systems Research, 2009, 79, 65-70.	3.6	18
15	Optimal colour quality of LED clusters based on memory colours. Optics Express, 2011, 19, 6903.	3.4	18
16	Luminance spreading freeform lens arrays with accurate intensity control. Optics Express, 2019, 27, 32994.	3.4	15
17	Predicting the brightness of unrelated self-luminous stimuli. Optics Express, 2014, 22, 16298.	3.4	13
18	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

#	ARTICLE	IF	CITATIONS
19	Safety perception of stairs with integrated lighting. Building and Environment, 2019, 166, 106389.	6.9	8
20	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
21	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
22	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
23	Efficient transmissive remote phosphor configuration for a laser-driven high-luminance white light source. Optics Express, 2022, 30, 5107.	3.4	3
24	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
25	Derivation of Brightness Scales Using Partition Scaling. LEUKOS - Journal of Illuminating Engineering Society of North America, 2021, 17, 125-139.	2.9	1
26	Multi-channel freeform optics for glare-free lighting. , 2019, , .		0