

HÃ©ctor Antonio Solano lamphar

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

321
citations

759233

12
h-index

888059

17
g-index

19
all docs

19
docs citations

19
times ranked

223
citing authors

#	ARTICLE	IF	CITATIONS
1	Light pollution as a factor in breast and prostate cancer. <i>Science of the Total Environment</i> , 2022, 806, 150918.	8.0	24
2	Multiple Angle Observations Would Benefit Visible Band Remote Sensing Using Night Lights. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	3.3	15
3	Measuring Critical Success Factors for Six Sigma in Higher Education Institutions: Development and Validation of a Surveying Instrument. <i>IEEE Access</i> , 2020, 8, 1813-1823.	4.2	14
4	Spatio-temporal association of light pollution and urban sprawl using remote sensing imagery and GIS: A simple method based in Otsu's algorithm. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2020, 251, 107060.	2.3	8
5	An asymptotic formula for skyglow modelling over a large territory. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 2214-2224.	4.4	9
6	Night-sky radiometry can revolutionize the characterization of light-pollution sources globally. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 7712-7717.	7.1	33
7	Numerical research on the effects the skyglow could have in phytochromes and RQE photoreceptors of plants. <i>Journal of Environmental Management</i> , 2018, 209, 484-494.	7.8	5
8	The emission function of ground-based light sources: State of the art and research challenges. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2018, 211, 35-43.	2.3	17
9	Angular Emission Function of a City and Skyglow Modeling: A Critical Perspective. <i>Publications of the Astronomical Society of the Pacific</i> , 2016, 128, 124001.	3.1	9
10	Urban artificial light emission function determined experimentally using night sky images. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2016, 181, 87-95.	2.3	12
11	The spectral amplification effect of clouds to the night sky radiance in Madrid. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2016, 181, 11-23.	2.3	38
12	Urban night-sky luminance due to different cloud types: A numerical experiment. <i>Lighting Research and Technology</i> , 2016, 48, 1017-1033.	2.7	13
13	Retrieval of Garstang's emission function from all-sky camera images. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 453, 819-827.	4.4	19
14	On the relation between zenith sky brightness and horizontal illuminance. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 446, 2895-2901.	4.4	19
15	Quantitative analysis of night skyglow amplification under cloudy conditions. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 443, 3665-3674.	4.4	26
16	Skyglow: a retrieval of the approximate radiant intensity function of ground-based light sources. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 439, 3405-3413.	4.4	13
17	A microcontroller-based system for automated and continuous sky glow measurements with the use of digital single-lens reflex cameras. <i>Lighting Research and Technology</i> , 2014, 46, 20-30.	2.7	9
18	Skyglow effects in UV and visible spectra: Radiative fluxes. <i>Journal of Environmental Management</i> , 2013, 127, 300-307.	7.8	13

#	ARTICLE	IF	CITATIONS
19	Light Pollution in Ultraviolet and Visible Spectrum: Effect on Different Visual Perceptions. PLoS ONE, 2013, 8, e56563.	2.5	25