

Alejandro SÃ¡nchez de Miguel

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

2,176
citations

361045
20
h-index

329751
37
g-index

40
all docs

40
docs citations

40
times ranked

1712
citing authors

#	ARTICLE	IF	CITATIONS
1	Artificially lit surface of Earth at night increasing in radiance and extent. <i>Science Advances</i> , 2017, 3, e1701528.	4.7	560
2	Remote sensing of night lights: A review and an outlook for the future. <i>Remote Sensing of Environment</i> , 2020, 237, 111443.	4.6	442
3	High-Resolution Imagery of Earth at Night: New Sources, Opportunities and Challenges. <i>Remote Sensing</i> , 2015, 7, 1-23.	1.8	168
4	Evaluating the Association between Artificial Light-at-Night Exposure and Breast and Prostate Cancer Risk in Spain (MCC-Spain Study). <i>Environmental Health Perspectives</i> , 2018, 126, 047011.	2.8	125
5	Sky Quality Meter measurements in a colour-changing world. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 467, 2966-2979.	1.6	90
6	Colour remote sensing of the impact of artificial light at night (l): The potential of the International Space Station and other DSLR-based platforms. <i>Remote Sensing of Environment</i> , 2019, 224, 92-103.	4.6	85
7	Evolution of the energy consumed by street lighting in Spain estimated with DMSP-OLS data. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2014, 139, 109-117.	1.1	66
8	First Estimation of Global Trends in Nocturnal Power Emissions Reveals Acceleration of Light Pollution. <i>Remote Sensing</i> , 2021, 13, 3311.	1.8	55
9	Accounting for artificial light impact on bat activity for a biodiversity-friendly urban planning. <i>Landscape and Urban Planning</i> , 2019, 183, 12-25.	3.4	49
10	The nature of the diffuse light near cities detected in nighttime satellite imagery. <i>Scientific Reports</i> , 2020, 10, 7829.	1.6	47
11	Pervasiveness of Biological Impacts of Artificial Light at Night. <i>Integrative and Comparative Biology</i> , 2021, 61, 1098-1110.	0.9	43
12	Estimating the relative contribution of streetlights, vehicles, and residential lighting to the urban night sky brightness. <i>Lighting Research and Technology</i> , 2019, 51, 1092-1107.	1.2	40
13	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.	1.1	38
14	Effects of the COVID-19 Lockdown on Urban Light Emissions: Ground and Satellite Comparison. <i>Remote Sensing</i> , 2021, 13, 258.	1.8	33
15	Association Between Outdoor Light-at-night Exposure and Colorectal Cancer in Spain. <i>Epidemiology</i> , 2020, 31, 718-727.	1.2	31
16	Atlas of astronaut photos of Earth at night. <i>Astronomy and Geophysics</i> , 2014, 55, 4.36-4.36.	0.1	28
17	STARS4ALL Night Sky Brightness Photometer. <i>International Journal of Sustainable Lighting</i> , 0, 18, 49-54.	1.2	28
18	Testing sky brightness models against radial dependency: A dense two dimensional survey around the city of Madrid, Spain. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2016, 181, 52-66.	1.1	26

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19	Statistical modelling and satellite monitoring of upward light from public lighting. <i>Lighting Research and Technology</i> , 2016, 48, 810-822.	1.2	24
20	The 2011 October Draconids outburst – I. Orbital elements, meteoroid fluxes and 21P/Giacobini’s Zinner delivered mass to Earth. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 433, 560-570.	1.6	23
21	Colour remote sensing of the impact of artificial light at night (II): Calibration of DSLR-based images from the International Space Station. <i>Remote Sensing of Environment</i> , 2021, 264, 112611.	4.6	23
22	National Scale Spatial Variation in Artificial Light at Night. <i>Remote Sensing</i> , 2020, 12, 1591.	1.8	17
23	Synthetic RGB photometry of bright stars: definition of the standard photometric system and UCM library of spectrophotometric spectra. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 3730-3748.	1.6	15
24	Multiple Angle Observations Would Benefit Visible Band Remote Sensing Using Night Lights. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	1.2	15
25	Orbits and emission spectra from the 2014 Camelopardalids. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 445, 3309-3314.	1.6	12
26	Analysis of two superbolides with a cometary origin observed over the Iberian Peninsula. <i>Icarus</i> , 2014, 233, 27-35.	1.1	12
27	Evolution of Brightness and Color of the Night Sky in Madrid. <i>Remote Sensing</i> , 2021, 13, 1511.	1.8	12
28	Trajectory, orbit, and spectroscopic analysis of a bright fireball observed over Spain on April 13, 2013. <i>Astronomy and Astrophysics</i> , 2014, 569, A104.	2.1	11
29	Zernike power spectra of clear and cloudy light-polluted urban night skies. <i>Applied Optics</i> , 2015, 54, 4120.	2.1	9
30	Evaluating Human Photoreceptor Inputs from Night-Time Lights Using RGB Imaging Photometry. <i>Journal of Imaging</i> , 2019, 5, 49.	1.7	9
31	Zernike analysis of all-sky night brightness maps. <i>Applied Optics</i> , 2014, 53, 2677.	0.9	8
32	Analysis of the September μ -Perseid outburst in 2013. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 480, 2501-2507.	1.6	8
33	A New Approach to Identify On-Ground Lamp Types from Night-Time ISS Images. <i>Remote Sensing</i> , 2021, 13, 4413.	1.8	6
34	Analysis of a superbolide from a damocloid observed over Spain on 2012 July 13. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 436, 3656-3662.	1.6	5
35	RGB photometric calibration of 15 million Gaia stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 318-329.	1.6	4
36	Low cost multi-purpose balloon-borne platform for wide-field imaging and video observation. <i>Proceedings of SPIE</i> , 2016, , .	0.8	3

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37	NIXNOX project: Sites in Spain where citizens can enjoy dark starry skies. Proceedings of the International Astronomical Union, 2012, 10, 739-739.	0.0	1