

Alejandro Snchez de Miguel

List of Publications by Citations

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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.

37
papers

1,287
citations

16
h-index

35
g-index

40
ext. papers

1,685
ext. citations

4.7
avg, IF

4.61
L-index

#	Paper	IF	Citations
37	Artificially lit surface of Earth at night increasing in radiance and extent. <i>Science Advances</i> , 2017 , 3, e1701143	15.28	352
36	Remote sensing of night lights: A review and an outlook for the future. <i>Remote Sensing of Environment</i> , 2020 , 237, 111443	13.2	185
35	High-Resolution Imagery of Earth at Night: New Sources, Opportunities and Challenges. <i>Remote Sensing</i> , 2015 , 7, 1-23	5	126
34	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	8.4	72
33	Sky Quality Meter measurements in a colour-changing world. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 467, 2966-2979	4.3	68
32	Colour remote sensing of the impact of artificial light at night (I): The potential of the International Space Station and other DSLR-based platforms. <i>Remote Sensing of Environment</i> , 2019 , 224, 92-103	13.2	55
31	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	2.1	55
30	Accounting for artificial light impact on bat activity for a biodiversity-friendly urban planning. <i>Landscape and Urban Planning</i> , 2019 , 183, 12-25	7.7	34
29	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	2.1	32
28	The nature of the diffuse light near cities detected in nighttime satellite imagery. <i>Scientific Reports</i> , 2020 , 10, 7829	4.9	27
27	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	2	26
26	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	2.1	22
25	Atlas of astronaut photos of Earth at night. <i>Astronomy and Geophysics</i> , 2014 , 55, 4.36-4.36	0.2	22
24	Effects of the COVID-19 Lockdown on Urban Light Emissions: Ground and Satellite Comparison. <i>Remote Sensing</i> , 2021 , 13, 258	5	21
23	The 2011 October Draconids outburst II. Orbital elements, meteoroid fluxes and 21P/Giacobini-Zinner delivered mass to Earth. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013 , 433, 560-570	4.3	20
22	Statistical modelling and satellite monitoring of upward light from public lighting. <i>Lighting Research and Technology</i> , 2016 , 48, 810-822	2	17
21	STARS4ALL Night Sky Brightness Photometer. <i>International Journal of Sustainable Lighting</i> , 2018 , 18, 49-54	1.5	16

20	Association Between Outdoor Light-at-night Exposure and Colorectal Cancer in Spain. <i>Epidemiology</i> , 2020 , 31, 718-727	3.1	14
19	Orbits and emission spectra from the 2014 Camelopardalids. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014 , 445, 3309-3314	4.3	11
18	First Estimation of Global Trends in Nocturnal Power Emissions Reveals Acceleration of Light Pollution. <i>Remote Sensing</i> , 2021 , 13, 3311	5	11
17	Analysis of two superbolides with a cometary origin observed over the Iberian Peninsula. <i>Icarus</i> , 2014 , 233, 27-35	3.8	10
16	Zernike power spectra of clear and cloudy light-polluted urban night skies 2015 , 54, 4120		9
15	Trajectory, orbit, and spectroscopic analysis of a bright fireball observed over Spain on April 13, 2013. <i>Astronomy and Astrophysics</i> , 2014 , 569, A104	5.1	9
14	Pervasiveness of Biological Impacts of Artificial Light at Night. <i>Integrative and Comparative Biology</i> , 2021 , 61, 1098-1110	2.8	9
13	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	13.2	9
12	Evaluating Human Photoreceptor Inputs from Night-Time Lights Using RGB Imaging Photometry. <i>Journal of Imaging</i> , 2019 , 5,	3.1	8
11	Zernike analysis of all-sky night brightness maps. <i>Applied Optics</i> , 2014 , 53, 2677-86	1.7	8
10	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	4.3	8
9	National Scale Spatial Variation in Artificial Light at Night. <i>Remote Sensing</i> , 2020 , 12, 1591	5	7
8	Analysis of the September Perseid outburst in 2013. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 480, 2501-2507	4.3	5
7	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	4.3	5
6	Evolution of Brightness and Color of the Night Sky in Madrid. <i>Remote Sensing</i> , 2021 , 13, 1511	5	4
5	The benefit of multiple angle observations for visible band remote sensing using night lights		3
4	RGB photometric calibration of 15 million Gaia stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 507, 318-329	4.3	2
3	Low cost multi-purpose balloon-borne platform for wide-field imaging and video observation 2016 ,		2

2	NIXNOX project: Sites in Spain where citizens can enjoy dark starry skies. <i>Proceedings of the International Astronomical Union</i> , 2012 , 10, 739-739	0.1	1
1	A New Approach to Identify On-Ground Lamp Types from Night-Time ISS Images. <i>Remote Sensing</i> , 2021 , 13, 4413	5	0