Alejandro SÃ¡nchez de Miguel

List of Publications by Year
in descending order

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	Multiple Angle Observations Would Benefit Visible Band Remote Sensing Using Night Lights. Journal of Geophysical Research D: Atmospheres, 2022, 127, .	1.2	15
2	Evolution of Brightness and Color of the Night Sky in Madrid. Remote Sensing, 2021, 13, 1511.	1.8	12
3	Synthetic RGB photometry of bright stars: definition of the standard photometric system and UCM library of spectrophotometric spectra. Monthly Notices of the Royal Astronomical Society, 2021, 504, 3730-3748.	1.6	15
4	Pervasiveness of Biological Impacts of Artificial Light at Night. Integrative and Comparative Biology, 2021, 61, 1098-1110.	0.9	43
5	RGB photometric calibration of 15 million Gaia stars. Monthly Notices of the Royal Astronomical Society, 2021, 507, 318-329.	1.6	4
6	First Estimation of Global Trends in Nocturnal Power Emissions Reveals Acceleration of Light Pollution. Remote Sensing, 2021, 13, 3311.	1.8	55
7	Colour remote sensing of the impact of artificial light at night (II): Calibration of DSLR-based images from the International Space Station. Remote Sensing of Environment, 2021, 264, 112611.	4.6	23
8	Effects of the COVID-19 Lockdown on Urban Light Emissions: Ground and Satellite Comparison. Remote Sensing, 2021, 13, 258.	1.8	33
9	A New Approach to Identify On-Ground Lamp Types from Night-Time ISS Images. Remote Sensing, 2021, 13, 4413.	1.8	6
10	Remote sensing of night lights: A review and an outlook for the future. Remote Sensing of Environment, 2020, 237, 111443.	4.6	442
11	Association Between Outdoor Light-at-night Exposure and Colorectal Cancer in Spain. Epidemiology, 2020, 31, 718-727.	1.2	31
12	National Scale Spatial Variation in Artificial Light at Night. Remote Sensing, 2020, 12, 1591.	1.8	17
13	The nature of the diffuse light near cities detected in nighttime satellite imagery. Scientific Reports, 2020, 10, 7829.	1.6	47
14	Evaluating Human Photoreceptoral Inputs from Night-Time Lights Using RGB Imaging Photometry. Journal of Imaging, 2019, 5, 49.	1.7	9
15	Colour remote sensing of the impact of artificial light at night (I): The potential of the International Space Station and other DSLR-based platforms. Remote Sensing of Environment, 2019, 224, 92-103.	4.6	85
16	Estimating the relative contribution of streetlights, vehicles, and residential lighting to the urban night sky brightness. Lighting Research and Technology, 2019, 51, 1092-1107.	1.2	40
17	Accounting for artificial light impact on bat activity for a biodiversity-friendly urban planning. Landscape and Urban Planning, 2019, 183, 12-25.	3.4	49
18	Evaluating the Association between Artificial Light-at-Night Exposure and Breast and Prostate Cancer Risk in Spain (MCC-Spain Study). Environmental Health Perspectives, 2018, 126, 047011.	2.8	125

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19	Analysis of the September Îµ-Perseid outburst in 2013. Monthly Notices of the Royal Astronomical Society, 2018, 480, 2501-2507.	1.6	8
20	Sky Quality Meter measurements in a colour-changing world. Monthly Notices of the Royal Astronomical Society, 2017, 467, 2966-2979.	1.6	90
21	Artificially lit surface of Earth at night increasing in radiance and extent. Science Advances, 2017, 3, e1701528.	4.7	560
22	Low cost multi-purpose balloon-borne platform for wide-field imaging and video observation. Proceedings of SPIE, 2016, , .	0.8	3
23	Statistical modelling and satellite monitoring of upward light from public lighting. Lighting Research and Technology, 2016, 48, 810-822.	1.2	24
24	Testing sky brightness models against radial dependency: A dense two dimensional survey around the city of Madrid, Spain. Journal of Quantitative Spectroscopy and Radiative Transfer, 2016, 181, 52-66.	1.1	26
25	The spectral amplification effect of clouds to the night sky radiance in Madrid. Journal of Quantitative Spectroscopy and Radiative Transfer, 2016, 181, 11-23.	1.1	38
26	High-Resolution Imagery of Earth at Night: New Sources, Opportunities and Challenges. Remote Sensing, 2015, 7, 1-23.	1.8	168
27	Zernike power spectra of clear and cloudy light-polluted urban night skies. Applied Optics, 2015, 54, 4120.	2.1	9
28	Atlas of astronaut photos of Earth at night. Astronomy and Geophysics, 2014, 55, 4.36-4.36.	0.1	28
29	Zernike analysis of all-sky night brightness maps. Applied Optics, 2014, 53, 2677.	0.9	8
30	Orbits and emission spectra from the 2014 Camelopardalids. Monthly Notices of the Royal Astronomical Society, 2014, 445, 3309-3314.	1.6	12
31	Analysis of two superbolides with a cometary origin observed over the Iberian Peninsula. Icarus, 2014, 233, 27-35.	1.1	12
32	Evolution of the energy consumed by street lighting in Spain estimated with DMSP-OLS data. Journal of Quantitative Spectroscopy and Radiative Transfer, 2014, 139, 109-117.	1.1	66
33	Trajectory, orbit, and spectroscopic analysis of a bright fireball observed over Spain on April 13, 2013. Astronomy and Astrophysics, 2014, 569, A104.	2.1	11
34	Analysis of a superbolide from a damocloid observed over Spain on 2012 July 13. Monthly Notices of the Royal Astronomical Society, 2013, 436, 3656-3662.	1.6	5
35	The 2011 October Draconids outburst â€“ I. Orbital elements, meteoroid fluxes and 21P/Giacobiniâ€“Zinner delivered mass to Earth. Monthly Notices of the Royal Astronomical Society, 2013, 433, 560-570.	1.6	23
36	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

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37	STARS4ALL Night Sky Brightness Photometer. International Journal of Sustainable Lighting, 0, 18, 49-54.	1.2	28