Yolanda Sola

List of Publications by Year
in descending order

27 papers	314 citations	933447 10 h-index	888059 17 g-index
27 all docs	27 docs citations	27 times ranked	554 citing authors

#	Article	IF	Citations
1	Pollutant Concentration Changes During the COVID-19 Lockdown in Barcelona and Surrounding Regions: Modification of Diurnal Cycles and Limited Role of Meteorological Conditions. Boundary-Layer Meteorology, 2022, 183, 273-294.	2.3	6
2	Non-linear models for black carbon exposure modelling using air pollution datasets. Environmental Research, 2022, 212, 113269.	7.5	6
3	Suitability of blue light filters for eye care. European Physical Journal Plus, 2022, 137, .	2.6	1
4	Blue-Light Levels Emitted from Portable Electronic Devices Compared to Sunlight. Energies, 2020, 13, 4276.	3.1	22
5	Outdoor testing of the photoprotection provided by a new water-based broad-spectrum SPF50+ sunscreen product: two double-blind, split-face, randomized controlled studies in healthy adults . Clinical, Cosmetic and Investigational Dermatology, 2019, Volume 12, 461-467.	1.8	3
6	Ground/space, passive/active remote sensing observations coupled with particle dispersion modelling to understand the inter-continental transport of wildfire smoke plumes. Remote Sensing of Environment, 2019, 232, 111294.	11.0	30
7	New Methodology to Evaluate Sunscreens Under Outdoor Conditions: A Double-Blind, Randomized Intra-Individual Clinical Study of a Water-Based Broad-Spectrum SPF50+ Versus SPF15 (P3) and SPF50+. Dermatology and Therapy, 2019, 9, 589-599.	3.0	7
8	Retrieval of aerosol properties from ceilometer and photometer measurements: long-term evaluation with in situ data and statistical analysis at Montsec (southern Pyrenees). Atmospheric Measurement Techniques, 2019, 12, 3255-3267.	3.1	25
9	Moisture origin and characteristics of the isotopic signature of rainfall in a Mediterranean mountain catchment (Vallcebre, eastern Pyrenees). Journal of Hydrology, 2019, 575, 767-779.	5.4	10
10	Nail dryer devices: a measured spectral irradiance and labelling review. Photochemical and Photobiological Sciences, 2018, 17, 592-598.	2.9	1
11	Spatiotemporal evolution of a severe winter dust event in the western Mediterranean: Aerosol optical and physical properties. Journal of Geophysical Research D: Atmospheres, 2017, 122, 4052-4069.	3.3	38
12	Ultraviolet spectral distribution and erythema-weighted irradiance from indoor tanning devices compared with solar radiation exposures. Journal of Photochemistry and Photobiology B: Biology, 2016, 161, 450-455.	3.8	5
13	Implementation of Bessel's method for solar eclipses prediction in the WRF-ARW model. Atmospheric Chemistry and Physics, 2016, 16, 5949-5967.	4.9	6
14	Contribution of UVA irradiance to the erythema and photoaging effects in solar and sunbed exposures. Journal of Photochemistry and Photobiology B: Biology, 2015, 143, 5-11.	3.8	19
15	How Robust Are Trends in the Brewerâ€“Dobson Circulation Derived from Observed Stratospheric Temperatures?. Journal of Climate, 2015, 28, 3024-3040.	3.2	7
16	Analysis of 14 years of broadband groundâ€based solar <scp>UV</scp> index observations in Barcelona. International Journal of Climatology, 2015, 35, 45-56.	3.5	2
17	DeterminaciÃ³n de la dosis eritemÃ¡tica mÃnima y reacciones anÃ³malas a radiaciÃ³n ultravioleta A segÃºn fototipo. Actas Dermo-sifiliogrÃ¡ficas, 2014, 105, 780-788.	0.4	21
18	Determination of Minimal Erythema Dose and Anomalous Reactions to UVA Radiation by Skin Phototype. Actas Dermo-sifiliogrÃ¡ficas, 2014, 105, 780-788.	0.4	5

#	Article	IF	Citations
19	Analyzing UV-B narrowband solar irradiance: Comparison with erythemal and vitamin D production irradiances. Journal of Photochemistry and Photobiology B: Biology, 2012, 117, 90-96.	3.8	5
20	Evidence for the influence of the North Atlantic Oscillation on the total ozone column at northern low latitudes and midlatitudes during winter and summer seasons. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	17
21	Impact of two low ozone events on surface solar UV radiation over the northeast of Spain. International Journal of Climatology, 2011, 31, 1724-1734.	3.5	8
22	A comparison of total precipitable water measurements from radiosonde and sunphotometers. Atmospheric Research, 2010, 97, 385-392.	4.1	25
23	Climatology of ozone â€œminiâ€holeâ€•events and their influence on UV solar radiation in Barcelona (Spain). AIP Conference Proceedings, 2009, , .	0.4	1
24	Altitude effect in UV radiation during the Evaluation of the Effects of Elevation and Aerosols on the Ultraviolet Radiation 2002 (VELETAâ€2002) field campaign. Journal of Geophysical Research, 2008, 113, .	3.3	26
25	The UV Index on the Spanish Mediterranean CoastÂ¶. Photochemistry and Photobiology, 2005, 81, 659.	2.5	16
26	The UV Index on the Spanish Mediterranean Coast^{Â¶}. Photochemistry and Photobiology, 2005, 81, 659-665.	2.5	1
27	The UV Index On The Spanish Mediterranean Coast. Photochemistry and Photobiology, 2005, 81, 659-65.	2.5	1