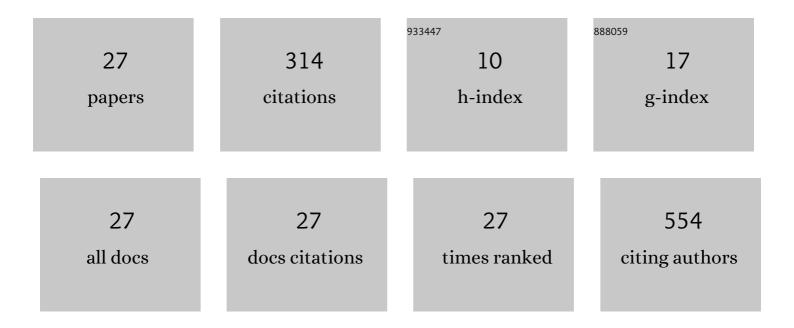
Yolanda Sola

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	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
2	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
3	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
4	A comparison of total precipitable water measurements from radiosonde and sunphotometers. Atmospheric Research, 2010, 97, 385-392.	4.1	25
5	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
6	Blue-Light Levels Emitted from Portable Electronic Devices Compared to Sunlight. Energies, 2020, 13, 4276.	3.1	22
7	Determinación de la dosis eritemática mÃnima y reacciones anómalas a radiación ultravioleta A según fototipo. Actas Dermo-sifiliográficas, 2014, 105, 780-788.	0.4	21
8	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
9	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
10	The UV Index on the Spanish Mediterranean Coast¶. Photochemistry and Photobiology, 2005, 81, 659.	2.5	16
11	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
12	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
13	How Robust Are Trends in the Brewer–Dobson Circulation Derived from Observed Stratospheric Temperatures?. Journal of Climate, 2015, 28, 3024-3040.	3.2	7
14	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
15	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
16	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
17	Non-linear models for black carbon exposure modelling using air pollution datasets. Environmental Research, 2022, 212, 113269.	7.5	6
18	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

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19	Determination of Minimal Erythema Dose and Anomalous Reactions to UVA Radiation by Skin Phototype. Actas Dermo-sifiliogrÃjficas, 2014, 105, 780-788.	0.4	5
20	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
21	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
22	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
23	The UV Index on the Spanish Mediterranean Coast [¶] . Photochemistry and Photobiology, 2005, 81, 659-665.	2.5	1
24	Climatology of ozone "miniâ€hole―events and their influence on UV solar radiation in Barcelona (Spain). AlP Conference Proceedings, 2009, , .	0.4	1
25	Nail dryer devices: a measured spectral irradiance and labelling review. Photochemical and Photobiological Sciences, 2018, 17, 592-598.	2.9	1
26	The UV Index On The Spanish Mediterranean Coast. Photochemistry and Photobiology, 2005, 81, 659-65.	2.5	1
27	Suitability of blue light filters for eye care. European Physical Journal Plus, 2022, 137, .	2.6	1