

Yolanda Sola

List of Publications by Year in descending order

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Version: 2024-02-01

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	Spatiotemporal evolution of a severe winter dust event in the western Mediterranean: Aerosol optical and physical properties. <i>Journal of Geophysical Research D: Atmospheres</i> , 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. <i>Remote Sensing of Environment</i> , 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 (VELETA 2002) field campaign. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	26
4	A comparison of total precipitable water measurements from radiosonde and sunphotometers. <i>Atmospheric Research</i> , 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). <i>Atmospheric Measurement Techniques</i> , 2019, 12, 3255-3267.	3.1	25
6	Blue-Light Levels Emitted from Portable Electronic Devices Compared to Sunlight. <i>Energies</i> , 2020, 13, 4276.	3.1	22
7	Determinación de la dosis eritemática mínima y reacciones anómalas a radiación ultravioleta A según fototipo. <i>Actas Dermo-sifilográficas</i> , 2014, 105, 780-788.	0.4	21
8	Contribution of UVA irradiance to the erythema and photoaging effects in solar and sunbed exposures. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 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. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	17
10	The UV Index on the Spanish Mediterranean Coast. <i>Photochemistry and Photobiology</i> , 2005, 81, 659.	2.5	16
11	Moisture origin and characteristics of the isotopic signature of rainfall in a Mediterranean mountain catchment (Vallecebre, eastern Pyrenees). <i>Journal of Hydrology</i> , 2019, 575, 767-779.	5.4	10
12	Impact of two low ozone events on surface solar UV radiation over the northeast of Spain. <i>International Journal of Climatology</i> , 2011, 31, 1724-1734.	3.5	8
13	How Robust Are Trends in the Brewer-Dobson Circulation Derived from Observed Stratospheric Temperatures?. <i>Journal of Climate</i> , 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+. <i>Dermatology and Therapy</i> , 2019, 9, 589-599.	3.0	7
15	Implementation of Bessel's method for solar eclipses prediction in the WRF-ARW model. <i>Atmospheric Chemistry and Physics</i> , 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. <i>Boundary-Layer Meteorology</i> , 2022, 183, 273-294.	2.3	6
17	Non-linear models for black carbon exposure modelling using air pollution datasets. <i>Environmental Research</i> , 2022, 212, 113269.	7.5	6
18	Analyzing UV-B narrowband solar irradiance: Comparison with erythemal and vitamin D production irradiances. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 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. <i>Actas Dermo-sifiligráficas</i> , 2014, 105, 780-788.	0.4	5
20	Ultraviolet spectral distribution and erythema-weighted irradiance from indoor tanning devices compared with solar radiation exposures. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 161, 450-455.	3.8	5
21	<p>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</p>. <i>Clinical, Cosmetic and Investigational Dermatology</i> , 2019, Volume 12, 461-467.	1.8	3
22	Analysis of 14 years of broadband ground-based solar <sc>UV</sc> index observations in Barcelona. <i>International Journal of Climatology</i> , 2015, 35, 45-56.	3.5	2
23	The UV Index on the Spanish Mediterranean Coast[†]. <i>Photochemistry and Photobiology</i> , 2005, 81, 659-665.	2.5	1
24	Climatology of ozone â€œminiâ€œ events and their influence on UV solar radiation in Barcelona (Spain). <i>AIP Conference Proceedings</i> , 2009, , .	0.4	1
25	Nail dryer devices: a measured spectral irradiance and labelling review. <i>Photochemical and Photobiological Sciences</i> , 2018, 17, 592-598.	2.9	1
26	The UV Index On The Spanish Mediterranean Coast. <i>Photochemistry and Photobiology</i> , 2005, 81, 659-65.	2.5	1
27	Suitability of blue light filters for eye care. <i>European Physical Journal Plus</i> , 2022, 137, .	2.6	1