

Anna R Esteve

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

437
citations

623734

14
h-index

794594

19
g-index

32
all docs

32
docs citations

32
times ranked

665
citing authors

#	ARTICLE	IF	CITATIONS
1	Sources of discrepancy between aerosol optical depth obtained from AERONET and in-situ aircraft profiles. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 2987-3003.	4.9	34
2	Analysis of the aerosol radiative forcing over a Mediterranean urban coastal site. <i>Atmospheric Research</i> , 2014, 137, 195-204.	4.1	33
3	In-situ integrating nephelometer measurements of the scattering properties of atmospheric aerosols at an urban coastal site in western Mediterranean. <i>Atmospheric Environment</i> , 2012, 47, 43-50.	4.1	32
4	Diffuse UV erythemal radiation experimental values. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	27
5	Study of erythemal, UV (A + B) and global solar radiation in Valencia (Spain). <i>International Journal of Climatology</i> , 2008, 28, 693-702.	3.5	24
6	Ten years of measured UV Index from the Spanish UVB Radiometric Network. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2013, 125, 1-7.	3.8	21
7	Multiyear in-situ measurements of atmospheric aerosol absorption properties at an urban coastal site in western Mediterranean. <i>Atmospheric Environment</i> , 2016, 129, 18-26.	4.1	21
8	The erythemal clearness index for Valencia, Spain. <i>International Journal of Climatology</i> , 2009, 29, 147-155.	3.5	19
9	Impact of dust and smoke mixing on column-integrated aerosol properties from observations during a severe wildfire episode over Valencia (Spain). <i>Science of the Total Environment</i> , 2017, 599-600, 2121-2134.	8.0	19
10	The influence of ozone and aerosols on the experimental values of UV erythemal radiation at ground level in Valencia. <i>International Journal of Climatology</i> , 2009, 29, 2171-2182.	3.5	17
11	Analysis of a severe pollution episode in Valencia (Spain) and its effect on ground level particulate matter. <i>Journal of Aerosol Science</i> , 2013, 56, 41-52.	3.8	17
12	Regional and seasonal radiative forcing by perturbations to aerosol and ozone precursor emissions. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 13885-13910.	4.9	17
13	Ozone mini-holes over Valencia (Spain) and their influence on the UV erythemal radiation. <i>International Journal of Climatology</i> , 2011, 31, 1554-1566.	3.5	15
14	Influence of cloudiness over the values of erythemal radiation in Valencia, Spain. <i>International Journal of Climatology</i> , 2010, 30, 127-136.	3.5	14
15	Diffuse Ultraviolet Erythemal Irradiance on Inclined Planes: A Comparison of Experimental and Modeled Data. <i>Photochemistry and Photobiology</i> , 2009, 85, 1245-1253.	2.5	14
16	Study of the correlation between columnar aerosol burden, suspended matter at ground and chemical components in a background European environment. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	14
17	UVER and UV index at high altitude in Northwestern Argentina. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 163, 290-295.	3.8	12
18	Determining the efficiency of optical sources using a smartphone's ambient light sensor. <i>European Journal of Physics</i> , 2017, 38, 025301.	0.6	11

#	ARTICLE	IF	CITATIONS
19	Estimation of daily average values of the Å...ngstrÅm turbidity coefficient \hat{I}^2 using a Corrected Yang Hybrid Model. Renewable Energy, 2013, 51, 182-188.	8.9	10
20	Relationship between erythemal UV and broadband solar irradiation at high altitude in Northwestern Argentina. Energy, 2018, 162, 136-147.	8.8	10
21	Measurement and Analysis of Broadband UVB Solar Radiation in Spain. Photochemistry and Photobiology, 2012, 88, 1489-1496.	2.5	9
22	A study on the sensitivities of simulated aerosol optical properties to composition and size distribution using airborne measurements. Atmospheric Environment, 2014, 89, 517-524.	4.1	9
23	Relationship between $\langle scp \rangle_{UVB} / \langle scp \rangle$ and broadband solar radiation in Spain. International Journal of Climatology, 2015, 35, 1761-1771.	3.5	8
24	Assessment and application of MODIS ocean and land algorithms for the characterization of aerosol properties over a Mediterranean coastal site. Atmospheric Research, 2015, 157, 66-73.	4.1	8
25	A case study of the radiative effect of aerosols over Europe: EUCAARI-LONGREX. Atmospheric Chemistry and Physics, 2016, 16, 7639-7651.	4.9	6
26	UV Index on Tilted Surfaces. Photochemistry and Photobiology, 2006, 82, 1047.	2.5	4
27	UV Index experimental values on vertical surfaces. International Journal of Climatology, 2012, 32, 2066-2072.	3.5	3
28	Proposal of a simple model for the characterization of aerosols in relation to the dominant air masses. International Journal of Remote Sensing, 2013, 34, 3625-3635.	2.9	2
29	Validaci3n de los datos de radiaci3n solar UV del Ozone Monitoring Instrument (OMI) a partir de medidas con base en tierra en la costa mediterr3nea. Revista De Teledeteccion, 2016, , 13.	0.6	2
30	Smartphones y cada libre: Diseo y evaluaci3n de una experiencia pr3ctica. Did3ctica De Las Ciencias Experimentales Y Sociales, 2019, , 165.	0.1	2
31	Evaluation of a High School Practical Experience on Noise Pollution With Smartphones. Eurasia Journal of Mathematics, Science and Technology Education, 2021, 17, em2030.	1.3	0