

JosÃ© C GonzÃ¡lez-Hidalgo

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6472051/publications.pdf>

Version: 2024-02-01

49
papers

3,101
citations

172207

29
h-index

205818

48
g-index

54
all docs

54
docs citations

54
times ranked

3617
citing authors

#	ARTICLE	IF	CITATIONS
1	A meta-analysis of soil erosion rates across the world. <i>Geomorphology</i> , 2015, 239, 160-173.	1.1	376
2	Precipitation concentration changes in Spain 1946-2005. <i>Natural Hazards and Earth System Sciences</i> , 2011, 11, 1259-1265.	1.5	207
3	Changes in seasonal precipitation in the Iberian Peninsula during 1946-2005. <i>Global and Planetary Change</i> , 2010, 74, 27-33.	1.6	147
4	Monthly precipitation trends on the Mediterranean fringe of the Iberian Peninsula during the second half of the twentieth century (1951-2000). <i>International Journal of Climatology</i> , 2009, 29, 1415-1429.	1.5	144
5	A new tool for monthly precipitation analysis in Spain: MOPREDAS database (monthly precipitation) <i>Tj ETQq1 1 0.784314 rgBT/Overloc</i>	1.5	137
6	A review of daily soil erosion in Western Mediterranean areas. <i>Catena</i> , 2007, 71, 193-199.	2.2	134
7	A High Resolution Dataset of Drought Indices for Spain. <i>Data</i> , 2017, 2, 22.	1.2	125
8	Climatic trends, disturbances and short-term vegetation dynamics in a Mediterranean shrubland. <i>Forest Ecology and Management</i> , 2001, 147, 25-37.	1.4	117
9	Seasonal precipitation trends in the Mediterranean Iberian Peninsula in second half of 20th century. <i>International Journal of Climatology</i> , 2009, 29, 1312-1323.	1.5	107
10	Reference evapotranspiration variability and trends in Spain, 1961-2011. <i>Global and Planetary Change</i> , 2014, 121, 26-40.	1.6	106
11	Chapter 1 Mediterranean climate variability over the last centuries: A review. <i>Developments in Earth and Environmental Sciences</i> , 2006, 4, 27-148.	0.1	105
12	Fuel characteristics and fire behaviour in mature Mediterranean gorse shrublands. <i>International Journal of Wildland Fire</i> , 2004, 13, 79.	1.0	98
13	Daily precipitation concentration across Europe 1971-2010. <i>Natural Hazards and Earth System Sciences</i> , 2012, 12, 2799-2810.	1.5	97
14	Using landscape ecology to evaluate an alternative management scenario in abandoned Mediterranean mountain areas. <i>Landscape and Urban Planning</i> , 2006, 78, 101-114.	3.4	95
15	Effects of fire and torrential rainfall on erosion in a Mediterranean gorse community. <i>Land Degradation and Development</i> , 2003, 14, 203-213.	1.8	87
16	Contribution of the largest events to suspended sediment transport across the USA. <i>Land Degradation and Development</i> , 2010, 21, 83-91.	1.8	81
17	Is rainfall erosivity increasing in the Mediterranean Iberian Peninsula?. <i>Land Degradation and Development</i> , 2010, 21, 139-144.	1.8	72
18	Weather types and spatial variability of precipitation in the Iberian Peninsula. <i>International Journal of Climatology</i> , 2014, 34, 2661-2677.	1.5	72

#	ARTICLE	IF	CITATIONS
19	The response of Iberian rivers to the North Atlantic Oscillation. <i>Hydrology and Earth System Sciences</i> , 2011, 15, 2581-2597.	1.9	58
20	<scp>MOTEDAS</scp>: a new monthly temperature database for mainland Spain and the trend in temperature (1951â€“2010). <i>International Journal of Climatology</i> , 2015, 35, 4444-4463.	1.5	57
21	Modelling monthly precipitation with circulation weather types for a dense network of stations over Iberia. <i>Hydrology and Earth System Sciences</i> , 2013, 17, 665-678.	1.9	56
22	Surface ozone concentration trends and its relationship with weather types in Spain (2001â€“2010). <i>Atmospheric Environment</i> , 2015, 101, 10-22.	1.9	56
23	An Exceptional Rainfall Event in the Central Western Pyrenees: Spatial Patterns in Discharge and Impact. <i>Land Degradation and Development</i> , 2015, 26, 249-262.	1.8	54
24	High-resolution spatio-temporal analyses of drought episodes in the western Mediterranean basin (Spanish mainland, Iberian Peninsula). <i>Acta Geophysica</i> , 2018, 66, 381-392.	1.0	53
25	A regional analysis of the effects of largest events on soil erosion. <i>Catena</i> , 2012, 95, 85-90.	2.2	49
26	Post-fire vegetation succession in Mediterranean gorse shrublands. <i>Acta Oecologica</i> , 2006, 30, 54-61.	0.5	44
27	Recent trend in temperature evolution in Spanish mainland (1951â€“2010): from warming to hiatus. <i>International Journal of Climatology</i> , 2016, 36, 2405-2416.	1.5	43
28	Temporal and spatial differentiation in seedling emergence may promote species coexistence in Mediterranean fire-prone ecosystems. <i>Ecography</i> , 2008, 31, 620-629.	2.1	39
29	Fire and torrential rainfall: effects on the perennial grass <i>Brachypodium retusum</i> . <i>Plant Ecology</i> , 2004, 173, 225-232.	0.7	33
30	Factors controlling seedling germination after fire in Mediterranean gorse shrublands. Implications for fire prescription. <i>Journal of Environmental Management</i> , 2005, 76, 159-166.	3.8	27
31	The influence of weather types on the monthly average maximum and minimum temperatures in the Iberian Peninsula. <i>Atmospheric Research</i> , 2016, 178-179, 217-230.	1.8	27
32	A weekly spatio-temporal distribution of drought events over the Po Plain (North Italy) in the last five decades. <i>International Journal of Climatology</i> , 2020, 40, 4463-4476.	1.5	25
33	Identifying wildfire-prone atmospheric circulation weather types on mainland Spain. <i>Agricultural and Forest Meteorology</i> , 2019, 264, 92-103.	1.9	21
34	The effect of intense rainstorm events on the suspended sediment response under various land uses: the AÃsa Valley experimental station. <i>Cuadernos De Investigacion Geografica</i> , 2012, 38, 27.	0.6	18
35	Spatial variability of maximum and minimum monthly temperature in Spain during 1981â€“2010 evaluated by correlation decay distance (CDD). <i>Theoretical and Applied Climatology</i> , 2015, 122, 35-45.	1.3	17
36	Spatial variability of precipitation in Spain. <i>Regional Environmental Change</i> , 2014, 14, 1743-1749.	1.4	14

#	ARTICLE	IF	CITATIONS
37	Weather types, runoff and sediment yield in a Mediterranean mountain landscape. <i>Earth Surface Processes and Landforms</i> , 2014, 39, 427-437.	1.2	13
38	MOTEDAS century: A new high-resolution secular monthly maximum and minimum temperature grid for the Spanish mainland (1916–2015). <i>International Journal of Climatology</i> , 2020, 40, 5308-5328.	1.5	13
39	Hydrological response of Mediterranean gorse shrubland under extreme rainfall simulation event. <i>Zeitschrift für Geomorphologie</i> , 2004, 48, 293-304.	0.3	12
40	Water Resources and Precipitation Trends in Aragon. <i>International Journal of Water Resources Development</i> , 2007, 23, 107-123.	1.2	11
41	Assessing the capability of multi-scale drought datasets to quantify drought severity and to identify drought impacts: an example in the Ebro Basin. <i>International Journal of Climatology</i> , 2013, 33, 1884-1897.	1.5	11
42	Seasonal temperature trends on the Spanish mainland: A secular study (1916–2015). <i>International Journal of Climatology</i> , 2021, 41, 3071-3084.	1.5	11
43	A new climatology of maximum and minimum temperature (1951–2010) in the Spanish mainland: a comparison between three different interpolation methods. <i>International Journal of Geographical Information Science</i> , 2016, 30, 2109-2132.	2.2	10
44	A moving windows visual approach to analysing spatial variation in temperature trends on the Spanish mainland 1951–2010. <i>International Journal of Climatology</i> , 2018, 38, 1678-1691.	1.5	6
45	Variability of maximum and minimum monthly mean air temperatures over mainland Spain and their relationship with low-frequency atmospheric patterns for period 1916–2015. <i>International Journal of Climatology</i> , 2022, 42, 1723-1741.	1.5	4
46	The consecutive disparity of precipitation in conterminous Spain. <i>Theoretical and Applied Climatology</i> , 2022, 147, 1151-1161.	1.3	4
47	Diferencias en la evolución del paisaje entre dos municipios Prepirenaicos: Alquazar y Valle de Lierp, en la segunda mitad del siglo XX. <i>Pirineos</i> , 2013, 168, 77-101.	0.6	3
48	Variaciones espaciales y temporales de las condiciones bioclimáticas en la España peninsular (1951-2010). <i>Estudios Geográficos</i> , 2017, 78, 553.	0.4	2
49	Creación de una base de datos de la temperatura media estacional para el análisis de su tendencia y variabilidad espacial. <i>Avances Investigación En Ingeniería</i> , 2019, 16, .	0.0	0