Santiago BeguerÃ-a

List of Publications by Year
in descending order

156	20,015	22153	11052
papers	citations	59 h-index	137 g-index

194	194	194	16433
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Multiscalar Drought Index Sensitive to Global Warming: The Standardized Precipitation Evapotranspiration Index. Journal of Climate, 2010, 23, 1696-1718.	3.2	5,467
2	Standardized precipitation evapotranspiration index (SPEI) revisited: parameter fitting, evapotranspiration models, tools, datasets and drought monitoring. International Journal of Climatology, 2014, 34, 3001-3023.	3.5	1,167
3	Response of vegetation to drought time-scales across global land biomes. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 52-57.	7.1	1,077
4	Mediterranean water resources in a global change scenario. Earth-Science Reviews, 2011, 105, 121-139.	9.1	687
5	Performance of Drought Indices for Ecological, Agricultural, and Hydrological Applications. Earth Interactions, 2012, 16, 1-27.	1.5	635
6	A New Global 0.5Â° Gridded Dataset (1901â€“2006) of a Multiscalar Drought Index: Comparison with Current Drought Index Datasets Based on the Palmer Drought Severity Index. Journal of Hydrometeorology, 2010, 11, 1033-1043.	1.9	537
7	Evidence of increasing drought severity caused by temperature rise in southern Europe. Environmental Research Letters, 2014, 9, 044001.	5.2	506
8	Rainfall erosivity in Europe. Science of the Total Environment, 2015, 511, 801-814.	8.0	443
9	A meta-analysis of soil erosion rates across the world. Geomorphology, 2015, 239, 160-173.	2.6	376
10	Validation and Evaluation of Predictive Models in Hazard Assessment and Risk Management. Natural Hazards, 2006, 37, 315-329.	3.4	370
11	Accurate Computation of a Streamflow Drought Index. Journal of Hydrologic Engineering - ASCE, 2012, 17, 318-332.	1.9	361
12	A Multiscalar Global Drought Dataset: The SPEIbase: A New Gridded Product for the Analysis of Drought Variability and Impacts. Bulletin of the American Meteorological Society, 2010, 91, 1351-1356.	3.3	274
13	Catchment soil moisture and rainfall characteristics as determinant factors for discharge/suspended sediment hysteretic loops in a small headwater catchment in the Spanish pyrenees. Journal of Hydrology, 2004, 288, 299-311.	5.4	270
14	Erosion in Mediterranean landscapes: Changes and future challenges. Geomorphology, 2013, 198, 20-36.	2.6	254
15	Contribution of precipitation and reference evapotranspiration to drought indices under different climates. Journal of Hydrology, 2015, 526, 42-54.	5.4	245
16	The impact of droughts and water management on various hydrological systems in the headwaters of the Tagus River (central Spain). Journal of Hydrology, 2010, 386, 13-26.	5.4	227
17	Estimating rainfall erosivity from daily precipitation records: A comparison among methods using data from the Ebro Basin (NE Spain). Journal of Hydrology, 2009, 379, 111-121.	5.4	196
18	Assessing the Effect of Climate Oscillations and Land-use Changes on Streamflow in the Central Spanish Pyrenees. Ambio, 2003, 32, 283-286.	5.5	192

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19	Drought impacts on vegetation activity in the Mediterranean region: An assessment using remote sensing data and multi-scale drought indicators. Global and Planetary Change, 2017, 151, 15-27.	3.5	168
20	Uncertainties in partial duration series modelling of extremes related to the choice of the threshold value. Journal of Hydrology, 2005, 303, 215-230.	5.4	162
21	Changes in land cover and shallow landslide activity: A case study in the Spanish Pyrenees. Geomorphology, 2006, 74, 196-206.	2.6	157
22	Mapping monthly rainfall erosivity in Europe. Science of the Total Environment, 2017, 579, 1298-1315.	8.0	142
23	A GIS-based numerical model for simulating the kinematics of mud and debris flows over complex terrain. Natural Hazards and Earth System Sciences, 2009, 9, 1897-1909.	3.6	140
24	Ongoing and Emerging Questions in Water Erosion Studies. Land Degradation and Development, 2017, 28, 5-21.	3.9	137
25	Hydrological response to climate variability at different time scales: A study in the Ebro basin. Journal of Hydrology, 2013, 477, 175-188.	5.4	131
26	Assessing trends in extreme precipitation events intensity and magnitude using nonâ€stationary peaksâ€overâ€threshold analysis: a case study in northeast Spain from 1930 to 2006. International Journal of Climatology, 2011, 31, 2102-2114.	3.5	128
27	Challenges for drought mitigation in Africa: The potential use of geospatial data and drought information systems. Applied Geography, 2012, 34, 471-486.	3.7	127
28	Dam effects on droughts magnitude and duration in a transboundary basin: The Lower River Tagus, Spain and Portugal. Water Resources Research, 2009, 45, .	4.2	125
29	A High Resolution Dataset of Drought Indices for Spain. Data, 2017, 2, 22.	2.3	125
30	Trends in daily precipitation on the northeastern Iberian Peninsula, 1955â€“2006. International Journal of Climatology, 2010, 30, 1026-1041.	3.5	121
31	A multiscalar global evaluation of the impact of ENSO on droughts. Journal of Geophysical Research, 2011, 116, .	3.3	120
32	A complete daily precipitation database for northeast Spain: reconstruction, quality control, and homogeneity. International Journal of Climatology, 2010, 30, 1146-1163.	3.5	119
33	Comment on â€œCharacteristics and trends in various forms of the Palmer Drought Severity Index (PDSI) during 1900â€“2008â€• by Aiguo Dai. Journal of Geophysical Research, 2011, 116, .	3.3	116
34	Drought Variability and Land Degradation in Semiarid Regions: Assessment Using Remote Sensing Data and Drought Indices (1982â€“2011). Remote Sensing, 2015, 7, 4391-4423.	4.0	106
35	Mapping rainfall erosivity at a regional scale: a comparison of interpolation methods in the Ebro Basin (NE Spain). Hydrology and Earth System Sciences, 2009, 13, 1907-1920.	4.9	102
36	Extreme winter precipitation in the Iberian Peninsula in 2010: anomalies, driving mechanisms and future projections. Climate Research, 2011, 46, 51-65.	1.1	100

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37	Trends in high flows in the central Spanish Pyrenees: response to climatic factors or to land-use change?. Hydrological Sciences Journal, 2006, 51, 1039-1050.	2.6	97
38	Estimating extreme dry-spell risk in the middle Ebro valley (northeastern Spain): a comparative analysis of partial duration series with a general Pareto distribution and annual maxima series with a Gumbel distribution. International Journal of Climatology, 2003, 23, 1103-1118.	3.5	96
39	Mapping the Hazard of Extreme Rainfall by Peaks over Threshold Extreme Value Analysis and Spatial Regression Techniques. Journal of Applied Meteorology and Climatology, 2006, 45, 108-124.	1.5	95
40	Regional Crop Gross Primary Productivity and Yield Estimation Using Fused Landsat-MODIS Data. Remote Sensing, 2018, 10, 372.	4.0	92
41	Regional scale modeling of hillslope sediment delivery: A case study in the Barasona Reservoir watershed (Spain) using WATEM/SEDEM. Journal of Hydrology, 2010, 391, 109-123.	5.4	86
42	Global Assessment of the Standardized Evapotranspiration Deficit Index (SEDI) for Drought Analysis and Monitoring. Journal of Climate, 2018, 31, 5371-5393.	3.2	86
43	Comment on â€˜Candidate distributions for climatological drought indices (SPI and SPEI)â€™ by James H. Staggeet al.. International Journal of Climatology, 2016, 36, 2120-2131.	3.5	85
44	Modelling the rate of secondary succession after farmland abandonment in a Mediterranean mountain area. Landscape and Urban Planning, 2007, 83, 245-254.	7.5	80
45	Runoff generation in an intensively disturbed, abandoned farmland catchment, Central Spanish Pyrenees. Catena, 2005, 59, 79-92.	5.0	79
46	The complex influence of ENSO on droughts in Ecuador. Climate Dynamics, 2017, 48, 405-427.	3.8	78
47	Soil erosion and sediment delivery in a mountain catchment under scenarios of land use change using a spatially distributed numerical model. Hydrology and Earth System Sciences, 2012, 16, 1321-1334.	4.9	75
48	Splash erosion under natural rainfall on three soil types in NE Spain. Geomorphology, 2012, 175-176, 38-44.	2.6	74
49	The impact of drought on the productivity of two rainfed crops in Spain. Natural Hazards and Earth System Sciences, 2019, 19, 1215-1234.	3.6	74
50	Annual and seasonal mapping of peak intensity, magnitude and duration of extreme precipitation events across a climatic gradient, northeast Spain. International Journal of Climatology, 2009, 29, 1759-1779.	3.5	73
51	Factors Explaining the Spatial Distribution of Hillslope Debris Flows. Mountain Research and Development, 2002, 22, 32-39.	1.0	72
52	Effects of warming processes on droughts and water resources in the NW Iberian ÂPeninsula (1930â€“2006). Climate Research, 2011, 48, 203-212.	1.1	72
53	From plot to regional scales: Interactions of slope and catchment hydrological and geomorphic processes in the Spanish Pyrenees. Geomorphology, 2010, 120, 248-257.	2.6	71
54	Fluvial adjustments to soil erosion and plant cover changes in the central spanish pyrenees. Geografiska Annaler, Series A: Physical Geography, 2006, 88, 177-186.	1.5	70

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55	SPREAD: a high-resolution daily gridded precipitation dataset for Spain â€“ an extreme events frequency and intensity overview. Earth System Science Data, 2017, 9, 721-738.	9.9	70
56	Daily atmospheric circulation events and extreme precipitation risk in northeast Spain: Role of the North Atlantic Oscillation, the Western Mediterranean Oscillation, and the Mediterranean Oscillation. Journal of Geophysical Research, 2009, 114, .	3.3	66
57	Comparison of precipitation measurements by OTT Parsivel² and Thies LPM optical disdrometers. Hydrology and Earth System Sciences, 2018, 22, 2811-2837.	4.9	66
58	Long-term thinning effects on tree growth, drought response and water use efficiency at two Aleppo pine plantations in Spain. Science of the Total Environment, 2020, 728, 138536.	8.0	66
59	Variability of snow depth at the plot scale: implications for mean depth estimation and sampling strategies. Cryosphere, 2011, 5, 617-629.	3.9	63
60	Monthly Rainfall Erosivity: Conversion Factors for Different Time Resolutions and Regional Assessments. Water (Switzerland), 2016, 8, 119.	2.7	60
61	Influence of the North Atlantic Oscillation on water resources in central Iberia: Precipitation, streamflow anomalies, and reservoir management strategies. Water Resources Research, 2007, 43, .	4.2	59
62	Bias in the variance of gridded data sets leads to misleading conclusions about changes in climate variability. International Journal of Climatology, 2016, 36, 3413-3422.	3.5	59
63	Spatioâ€temporal variability of daily precipitation concentration in Spain based on a highâ€resolution gridded data set. International Journal of Climatology, 2018, 38, e518.	3.5	59
64	Identification of eroded areas using remote sensing in a badlands landscape on marls in the central Spanish Pyrenees. Catena, 2009, 76, 182-190.	5.0	58
65	Recent and Intense Dynamics in a Formerly Static Pyrenean Treeline. Arctic, Antarctic, and Alpine Research, 2015, 47, 773-783.	1.1	58
66	Use of disdrometer data to evaluate the relationship of rainfall kinetic energy and intensity (KE-I). Science of the Total Environment, 2016, 568, 83-94.	8.0	57
67	Modelling the impact of forest loss on shallow landslide sediment yield, Ijuez river catchment, Spanish Pyrenees. Hydrology and Earth System Sciences, 2007, 11, 569-583.	4.9	56
68	Geomorphic and Hydrological Effects of Traditional Shifting Agriculture in a Mediterranean Mountain Area, Central Spanish Pyrenees. Mountain Research and Development, 2006, 26, 146-152.	1.0	55
69	Analysis of the atmospheric circulation pattern effects over SPEI drought index in Spain. Atmospheric Research, 2019, 230, 104630.	4.1	55
70	Climate, Irrigation, and Land Cover Change Explain Streamflow Trends in Countries Bordering the Northeast Atlantic. Geophysical Research Letters, 2019, 46, 10821-10833.	4.0	55
71	Identification of Mangrove Areas by Remote Sensing: The ROC Curve Technique Applied to the Northwestern Mexico Coastal Zone Using Landsat Imagery. Remote Sensing, 2011, 3, 1568-1583.	4.0	54
72	An Exceptional Rainfall Event in the Central Western Pyrenees: Spatial Patterns in Discharge and Impact. Land Degradation and Development, 2015, 26, 249-262.	3.9	54

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73	High-resolution spatio-temporal analyses of drought episodes in the western Mediterranean basin (Spanish mainland, Iberian Peninsula). Acta Geophysica, 2018, 66, 381-392.	2.0	53
74	Influence of the Yesa reservoir on floods of the AragÃ³n River, central Spanish Pyrenees. Hydrology and Earth System Sciences, 2002, 6, 753-762.	4.9	52
75	Land cover changes and shallow landsliding in the flysch sector of the Spanish Pyrenees. Geomorphology, 2010, 124, 250-259.	2.6	52
76	Bridging the Gap Between National and Ecosystem Accounting Application in Andalusian Forests, Spain. Ecological Economics, 2019, 157, 218-236.	5.7	50
77	Temporal variability in the relationships between precipitation, discharge and suspended sediment concentration in a small Mediterranean mountain catchment. Hydrology Research, 2007, 38, 139-150.	2.7	48
78	A comparison of simultaneous autoregressive and generalized least squares models for dealing with spatial autocorrelation. Global Ecology and Biogeography, 2009, 18, 273-279.	5.8	47
79	An R package for daily precipitation climate series reconstruction. Environmental Modelling and Software, 2017, 89, 190-195.	4.5	47
80	Long-term sustainability of large water resource systems under climate change: A cascade modeling approach. Journal of Hydrology, 2020, 582, 124546.	5.4	47
81	Uncertainty assessment in the prediction of extreme rainfall events: an example from the central Spanish Pyrenees. , 2000, 14, 887-898.		46
82	The Management of a Large Mediterranean Reservoir: Storage Regimens of the Yesa Reservoir, Upper Aragon River Basin, Central Spanish Pyrenees. Environmental Management, 2004, 34, 508-515.	2.7	46
83	Accuracy of reference evapotranspiration (ET o) estimates under data scarcity scenarios in the Iberian Peninsula. Agricultural Water Management, 2017, 182, 103-116.	5.6	45
84	Detachment of soil organic carbon by rainfall splash: Experimental assessment on three agricultural soils of Spain. Geoderma, 2015, 245-246, 21-30.	5.1	44
85	Soil properties and physiographic factors controlling the natural vegetation re-growth in a disturbed catchment of the Central Spanish Pyrenees. Agroforestry Systems, 2008, 72, 173-185.	2.0	43
86	Transhumance and long-term deforestation in the subalpine belt of the central Spanish Pyrenees: An interdisciplinary approach. Catena, 2020, 195, 104744.	5.0	43
87	Los efectos geoecolÃ³gicos del cambio global en el Pirineo Central espaÃ±ol: una revisiÃ³n a distintas escalas espaciales y temporales. Pirineos, 2015, 170, e012.	0.6	43
88	Hydrologic and landscape changes in the Middle Ebro River (NE Spain): implications for restoration and management. Hydrology and Earth System Sciences, 2009, 13, 273-284.	4.9	42
89	Different patterns of climate change scenarios for short-term and multi-day precipitation extremes in the Mediterranean. Global and Planetary Change, 2012, 98-99, 63-72.	3.5	42
90	Standardized metrics are key for assessing drought severity. Global Change Biology, 2020, 26, e1-e3.	9.5	41

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91	Debris flow characteristics and relationships in the Central Spanish Pyrenees. Natural Hazards and Earth System Sciences, 2003, 3, 683-691.	3.6	39
92	Computation of rainfall erosivity from daily precipitation amounts. Science of the Total Environment, 2018, 637-638, 359-373.	8.0	39
93	STEAD: a high-resolution daily gridded temperature dataset for Spain. Earth System Science Data, 2019, 11, 1171-1188.	9.9	39
94	Identifying erosion areas at basin scale using remote sensing data and GIS: a case study in a geologically complex mountain basin in the Spanish Pyrenees. International Journal of Remote Sensing, 2006, 27, 4585-4598.	2.9	38
95	The NAO Impact on Droughts in the Mediterranean Region. Advances in Global Change Research, 2011, , 23-40.	1.6	38
96	Estimating erosion rates using 137Cs measurements and WATEM/SEDEM in a Mediterranean cultivated field. Catena, 2016, 138, 38-51.	5.0	38
97	Stratified scree in the Central Spanish Pyrenees: palaeoenvironmental implications. Permafrost and Periglacial Processes, 2001, 12, 233-242.	3.4	37
98	Effect of reservoirs on streamflow and river regimes in a heavily regulated river basin of Northeast Spain. Catena, 2017, 149, 727-741.	5.0	37
99	Woody plant encroachment following grazing abandonment in the subalpine belt: a case study in northern Spain. Regional Environmental Change, 2018, 18, 1103-1115.	2.9	37
100	Recent trends reveal decreasing intensity of daily precipitation in Spain. International Journal of Climatology, 2018, 38, 4211-4224.	3.5	34
101	Carbon sequestration or water yield? The effect of payments for ecosystem services on forest management decisions in Mediterranean forests. Water Resources and Economics, 2019, 28, 100119.	2.2	29
102	Do atmospheric teleconnection patterns influence rainfall erosivity? A study of NAO, MO and WeMO in NE Spain, 1955â€“2006. Journal of Hydrology, 2012, 450-451, 168-179.	5.4	28
103	High spatial resolution climatology of drought events for Spain: 1961â€“2014. International Journal of Climatology, 2019, 39, 5046-5062.	3.5	28
104	Effectiveness of drought indices in identifying impacts on major crops across the USA. Climate Research, 2018, 75, 221-240.	1.1	28
105	Trends in rainfall erosivity in NE Spain at annual, seasonal and daily scales, 1955â€“2006. Hydrology and Earth System Sciences, 2012, 16, 3551-3559.	4.9	27
106	Gap Filling of Monthly Temperature Data and Its Effect on Climatic Variability and Trends. Journal of Climate, 2019, 32, 7797-7821.	3.2	26
107	A high-resolution spatial assessment of the impacts of drought variability on vegetation activity in Spain from 1981 to 2015. Natural Hazards and Earth System Sciences, 2019, 19, 1189-1213.	3.6	26
108	Spatially based reconstruction of daily precipitation instrumental data series. Climate Research, 2017, 73, 167-186.	1.1	23

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109	Reference crop evapotranspiration database in Spain (1961â€“2014). Earth System Science Data, 2019, 11, 1917-1930.	9.9	23
110	Genetic association with highâ€resolution climate data reveals selection footprints in the genomes of barley landraces across the Iberian Peninsula. Molecular Ecology, 2019, 28, 1994-2012.	3.9	22
111	Genetic origin and climate determine fruit quality and antioxidant traits on apple (Malus x domestica) Tj ETQq1 1 0.784314 rgBT /Ove	3.6	21
112	Reply to the comment on â€œRainfall erosivity in Europeâ€•by Auerswald et al.. Science of the Total Environment, 2015, 532, 853-857.	8.0	19
113	Deforestation induces shallow landsliding in the montane and subalpine belts of the UrbiÃ³n Mountains, Iberian Range, Northern Spain. Geomorphology, 2017, 296, 31-44.	2.6	17
114	Characterizing the impact of climatic and price anomalies on agrosystems in the northwest United States. Agricultural and Forest Meteorology, 2020, 280, 107778.	4.8	17
115	Climatology and trends of reference evapotranspiration in Spain. International Journal of Climatology, 2021, 41, E1860.	3.5	17
116	Title is missing!. Mitigation and Adaptation Strategies for Global Change, 2002, 7, 303-320.	2.1	16
117	Modeling the spatial distribution of soil properties by generalized least squares regression: Toward a general theory of spatial variates. Journal of Soils and Water Conservation, 2013, 68, 172-184.	1.6	16
118	Vegetation greening in Spain detected from long term data (1981â€“2015). International Journal of Remote Sensing, 2020, 41, 1709-1740.	2.9	16
119	Long-term effects of forest management on post-drought growth resilience: An analytical framework. Science of the Total Environment, 2022, 810, 152374.	8.0	16
120	Spatial Valuation of Forestsâ€™ Environmental Assets: An Application to Andalusian Silvopastoral Farms. Land Economics, 2017, 93, 87-108.	0.9	15
121	Optimal Interpolation scheme to generate reference crop evapotranspiration. Journal of Hydrology, 2018, 560, 202-219.	5.4	14
122	MOTEDAS century: A new highâ€resolution secular monthly maximum and minimum temperature grid for the Spanish mainland (1916â€“2015). International Journal of Climatology, 2020, 40, 5308-5328.	3.5	13
123	Effect of Genetics and Climate on Apple Sugars and Organic Acids Profiles. Agronomy, 2022, 12, 827.	3.0	13
124	Mid and late Holocene forest fires and deforestation in the subalpine belt of the Iberian range, northern Spain. Journal of Mountain Science, 2016, 13, 1760-1772.	2.0	12
125	Title is missing!. Pirineos, 2006, 161, .	0.6	12
126	A near real-time drought monitoring system for Spain using automatic weather station network. Atmospheric Research, 2022, 271, 106095.	4.1	12

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127	High-spatial-resolution probability maps of drought duration and magnitude across Spain. Natural Hazards and Earth System Sciences, 2019, 19, 611-628.	3.6	11
128	Seasonal temperature trends on the Spanish mainland: A secular study (1916â€“2015). International Journal of Climatology, 2021, 41, 3071-3084.	3.5	11
129	Qualitative crop condition survey reveals spatiotemporal production patterns and allows early yield prediction. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 18317-18323.	7.1	10
130	Recent changes and drivers of the atmospheric evaporative demand in the Canary Islands. Hydrology and Earth System Sciences, 2016, 20, 3393-3410.	4.9	8
131	Increased Post-Drought Growth after Thinning in Pinus nigra Plantations. Forests, 2021, 12, 985.	2.1	8
132	Control de calidad de siete variables del banco nacional de datos de AEMET. , 2016, , 407-415.		8
133	Comparison of regression techniques for mapping fog frequency: application to the AragÃ³n region (northeast Spain). International Journal of Climatology, 2010, 30, 935-945.	3.5	7
134	Evolution of vegetation activity on vegetated, eroded, and erosion risk areas in the central Spanish Pyrenees, using multitemporal Landsat imagery. Earth Surface Processes and Landforms, 2011, 36, 309-319.	2.5	7
135	Landscape changes and land degradation in the subalpine belt of the Central Spanish Pyrenees. Journal of Arid Environments, 2021, 186, 104396.	2.4	7
136	GISâ€based Calibration of MassMov2D. Transactions in GIS, 2012, 16, 215-231.	2.3	6
137	Mean temperature evolution on the Spanish mainland 1916-2015. Climate Research, 2021, 82, 177-189.	1.1	6
138	La evoluciÃ³n del piso subalpino en la Sierra de UrbiÃ³n (Sistema IbÃ©rico, norte de espaÃ±a): un modelo de impacto geoecolÃ³gico de actividades humanas en el Valle de Ormazal. Pirineos, 2016, 171, e022.	0.6	6
139	Optimal Implementation of Climate Change Adaptation Measures to Ensure Long-term Sustainability on Large Irrigation Systems. Water Resources Management, 2023, 37, 2909-2924.	3.9	6
140	An integrated package to evaluate climatic suitability for agriculture. Computers and Electronics in Agriculture, 2020, 176, 105473.	7.7	4
141	Variability of maximum and minimum monthly mean air temperatures over mainland Spain and their relationship with lowâ€variability atmospheric patterns for period 1916â€“2015. International Journal of Climatology, 2022, 42, 1723-1741.	3.5	4
142	Monitoring Crop Status in the Continental United States Using the SMAP Level-4 Carbon Product. Frontiers in Big Data, 2020, 3, 597720.	2.9	4
143	AnÃ¡lisis de la evoluciÃ³n espacio-temporal del NDVI sobre Ã¡reas vegetadas y zonas de riesgo de erosiÃ³n en el Pirineo Central. Pirineos, 2010, 165, 7-27.	0.6	4
144	The consecutive disparity of precipitation in conterminous Spain. Theoretical and Applied Climatology, 2022, 147, 1151-1161.	2.8	4

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145	Soil Erosion and Runoff Generation Related to Land Use Changes in the Pyrenees. Advances in Global Change Research, 2005, , 321-330.	1.6	2
146	Evaluation of the Relationship Between the NAO and Rainfall Erosivity in NE Spain During the Period 1955â€“2006. Advances in Global Change Research, 2011, , 183-197.	1.6	2
147	Variabilidad espacial del transporte de sedimento en la cuenca superior del rÃo AragÃ³n. Cuadernos De Investigacion Geografica, 2008, 34, 39.	1.1	2
148	IdentificaciÃ³n de zonas de erosiÃ³n activa y Ã¡reas de riesgo mediante teledetecciÃ³n : un ejemplo en un paisaje de cÃ¡rcavas sobre margas en el Pirineo Central EspaÃ±ol. Cuadernos De Investigacion Geografica, 2009, 35, 171-194.	1.1	2
149	Floods downstream the Yesa Reservoir, Spanish Pyrenees. Cuadernos De Investigacion Geografica, 0, 28, 101-108.	1.1	1
150	The Ordesa and Monte Perdido National Park, Central Pyrenees. World Geomorphological Landscapes, 2014, , 165-172.	0.3	1
151	Numerical Treatment of the Resistance Term in Upwind Schemes in Debris Flow Runout Modeling. Journal of Hydraulic Engineering, 2014, 140, 04014009.	1.5	0
152	Geoecology in Mediterranean mountain areas: A tribute to Prof. JosÃ© MarÃa GarcÃa-Ruiz. Catena, 2017, 149, 663-667.	5.0	0
153	Spatial distribution of megalithic monuments in the subalpine belt of the Pyrenees: Interpretation and implications for understanding early landscape transformation. Journal of Archaeological Science: Reports, 2020, 33, 102489.	0.5	0
154	DistribuciÃ³n espacial y tendencias de indicadores agroclimÃ¡ticos en la EspaÃ±a peninsular. Geographicalia, 2021, , 35-54.	0.1	0
155	ModelizaciÃ³n espacialmente distribuida de la erosiÃ³n y el transporte de sedimento en cuencas de montaÃ±a del Pirineo aragonÃ©s: retos para la calibraciÃ³n y validaciÃ³n. Cuadernos De Investigacion Geografica, 2013, 39, 287.	1.1	0
156	Climate and population: risk exposure to precipitation concentration in mainland Spain (1950-2010). Boletin De La Asociacion De Geografos Espanoles, 2020, , .	0.3	0