

# Artemi Cerdà

## List of Publications by Year in descending order

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Version: 2024-02-01

345  
papers

24,078  
citations

4942

84  
h-index

11581

135  
g-index

376  
all docs

376  
docs citations

376  
times ranked

15252  
citing authors

#	ARTICLE	IF	CITATIONS
1	Economics of agroforestry land use system, Upper Blue Nile Basin, northwest Ethiopia. <i>Agroforestry Systems</i> , 2023, 97, 305-317.	0.9	9
2	Evaluation of re-sampling methods on performance of machine learning models to predict landslide susceptibility. <i>Geocarto International</i> , 2022, 37, 2772-2794.	1.7	15
3	GIS-based seismic vulnerability mapping: a comparison of artificial neural networks hybrid models. <i>Geocarto International</i> , 2022, 37, 4312-4335.	1.7	8
4	Application of novel ensemble models and k-fold CV approaches for Land subsidence susceptibility modelling. <i>Stochastic Environmental Research and Risk Assessment</i> , 2022, 36, 201-223.	1.9	10
5	Debris flows modeling using geo-environmental factors: developing hybridized deep-learning algorithms. <i>Geocarto International</i> , 2022, 37, 5150-5173.	1.7	24
6	Sediment transport mechanisms and selective removal of soil particles under unsteady-state conditions in a sheet erosion system. <i>International Journal of Sediment Research</i> , 2022, 37, 151-161.	1.8	7
7	Changes in soil functionality eight years after fire and post-fire hillslope stabilisation in Mediterranean forest ecosystems. <i>Geoderma</i> , 2022, 409, 115603.	2.3	10
8	Evaluating novel hybrid models based on GIS for snow avalanche susceptibility mapping: A comparative study. <i>Cold Regions Science and Technology</i> , 2022, 194, 103453.	1.6	5
9	Stubble burning and wildfires in Turkey considering the Sustainable Development Goals of the United Nations. <i>Eurasian Journal of Soil Science</i> , 2022, 11, 66-76.	0.2	1
10	Effect of Standard Disk Plough on Soil Translocation in Sloping Sicilian Vineyards. <i>Land</i> , 2022, 11, 148.	1.2	2
11	Selecting potential locations for groundwater recharge by means of remote sensing and GIS and weighting based on Boolean logic and analytic hierarchy process. <i>Environmental Earth Sciences</i> , 2022, 81, 1.	1.3	8
12	Examining the Effectiveness of Catch Crops as a Nature-Based Solution to Mitigate Surface Soil and Water Losses as an Environmental Regional Concern. <i>Earth Systems and Environment</i> , 2022, 6, 29-44.	3.0	15
13	Identifying barriers for nature-based solutions in flood risk management: An interdisciplinary overview using expert community approach. <i>Journal of Environmental Management</i> , 2022, 310, 114725.	3.8	41
14	Application of the novel state-of-the-art soft computing techniques for groundwater potential assessment. <i>Arabian Journal of Geosciences</i> , 2022, 15, .	0.6	1
15	Dynamics and Causes of Sea Level Rise in the Coastal Region of Southwest Bangladesh at Global, Regional, and Local Levels. <i>Journal of Marine Science and Engineering</i> , 2022, 10, 779.	1.2	7
16	Assessing wildfire vulnerability of vegetated serpentine soils in the Balkan peninsula. <i>Journal for Nature Conservation</i> , 2022, 68, 126217.	0.8	2
17	Sustainability by Function (SbF): A Case Study in a Rainfed Vineyard to Reduce the Loss of Soil Nutrients. <i>Land</i> , 2022, 11, 1033.	1.2	2
18	Ecological and human health risks appraisal of metal(loid)s in agricultural soils: a review. , 2021, 5, 173-185.		33

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19	Evaluation of deep learning algorithms for national scale landslide susceptibility mapping of Iran. <i>Geoscience Frontiers</i> , 2021, 12, 505-519.	4.3	212
20	Early spring prescribed burning in mixed <i>Pinus halepensis</i> Mill. and <i>Pinus pinaster</i> Ait. stands reduced biological soil functionality in the short term. <i>Land Degradation and Development</i> , 2021, 32, 1312-1324.	1.8	4
21	Conversion of crop land use to plantation land use, northwest Ethiopia. <i>Trees, Forests and People</i> , 2021, 3, 100044.	0.8	20
22	Cover crop management and water conservation in vineyard and olive orchards. <i>Soil and Tillage Research</i> , 2021, 208, 104896.	2.6	105
23	Functionalization of ultrasound enhanced sewage sludge-derived biochar: Physicochemical improvement and its effects on soil enzyme activities and heavy metals availability. <i>Chemosphere</i> , 2021, 269, 128767.	4.2	29
24	Combination of contamination indices and ecological risk assessment index for evaluation of pollution level in sediments. , 2021, , 99-117.		3
25	Tillage Impacts on Initial Soil Erosion in Wheat and Sainfoin Fields under Simulated Extreme Rainfall Treatments. <i>Sustainability</i> , 2021, 13, 789.	1.6	5
26	Regional Farmers' Perception and Societal Issues in Vineyards Affected by High Erosion Rates. <i>Land</i> , 2021, 10, 205.	1.2	20
27	Long-term monitoring of soil bulk density and erosion rates in two <i>Prunus Persica</i> (L) plantations under flood irrigation and glyphosate herbicide treatment in La Ribera district, Spain. <i>Journal of Environmental Management</i> , 2021, 282, 111965.	3.8	26
28	Evaluating the effects of forest tree species on rill detachment capacity in a semi-arid environment. <i>Ecological Engineering</i> , 2021, 161, 106158.	1.6	12
29	Effect of storm pattern on soil erosion in damaged rangeland; field rainfall simulation approach. <i>Journal of Mountain Science</i> , 2021, 18, 706-715.	0.8	8
30	Uncertainty Assessment in Soil Erosion Modelling Using RUSLE, Multisource and Multiresolution DEMs. <i>Journal of the Indian Society of Remote Sensing</i> , 2021, 49, 1689-1707.	1.2	13
31	Risk assessment of land degradation (RALDE) model. <i>Land Degradation and Development</i> , 2021, 32, 2861-2874.	1.8	4
32	Rainfall and water yield in Macizo del Caroig, Eastern Iberian Peninsula. Event runoff at plot scale during a rare flash flood at the Barranco de Benacancil. <i>Cuadernos De Investigacion Geografica</i> , 2021, 47, 95-119.	0.6	26
33	Machine learning approach to predict susceptible growth regions of <i>Moringa peregrina</i> (Forssk). <i>Ecological Informatics</i> , 2021, 62, 101267.	2.3	10
34	Soil erosion modelling: A bibliometric analysis. <i>Environmental Research</i> , 2021, 197, 111087.	3.7	78
35	Long-term changes in rainfed olive production, rainfall and farmer's income in Bail�n (Ja�n, Spain). <i>Euro-Mediterranean Journal for Environmental Integration</i> , 2021, 6, 1.	0.6	13
36	Evaluation of geomorphometric characteristics and soil properties after a wildfire using Sentinel-2 MSI imagery for future fire-safe forest. <i>Fire Safety Journal</i> , 2021, 122, 103318.	1.4	22

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37	Insight into metal immobilization and microbial community structure in soil from a steel disposal dump phytostabilized with composted, pyrolyzed or gasified wastes. <i>Chemosphere</i> , 2021, 272, 129576.	4.2	39
38	A review of GIS methodologies to analyze the dynamics of COVID-19 in the second half of 2020. <i>Transactions in GIS</i> , 2021, 25, 2191-2239.	1.0	46
39	Weed cover controls soil and water losses in rainfed olive groves in Sierra de Enguera, eastern Iberian Peninsula. <i>Journal of Environmental Management</i> , 2021, 290, 112516.	3.8	26
40	Measuring, modelling and managing gully erosion at large scales: A state of the art. <i>Earth-Science Reviews</i> , 2021, 218, 103637.	4.0	111
41	Soil erosion modelling: A global review and statistical analysis. <i>Science of the Total Environment</i> , 2021, 780, 146494.	3.9	261
42	Post-fire management effects on sediment (dis)connectivity in Mediterranean forest ecosystems: Channel and catchment response. <i>Earth Surface Processes and Landforms</i> , 2021, 46, 2710-2727.	1.2	10
43	Efficient rainwater harvesting planning using socio-environmental variables and data-driven geospatial techniques. <i>Journal of Cleaner Production</i> , 2021, 311, 127706.	4.6	12
44	Risk Assessment of Land Degradation (RALDE) in Khuzestan Province, Iran. <i>Eurasian Soil Science</i> , 2021, 54, 1228-1240.	0.5	2
45	Effects of length and application rate of rice straw mulch on surface runoff and soil loss under laboratory simulated rainfall. <i>International Journal of Sediment Research</i> , 2021, 36, 468-478.	1.8	50
46	Soil and water losses along the cultivation cycle of onion in Irati, Brazil. <i>Catena</i> , 2021, 204, 105439.	2.2	0
47	Long-term non-sustainable soil erosion rates and soil compaction in drip-irrigated citrus plantation in Eastern Iberian Peninsula. <i>Science of the Total Environment</i> , 2021, 787, 147549.	3.9	19
48	Post-fire practices benefits on vegetation recovery and soil conservation in a Mediterranean area. <i>Land Use Policy</i> , 2021, 111, 105776.	2.5	6
49	Modelling of piping collapses and gully headcut landforms: Evaluating topographic variables from different types of DEM. <i>Geoscience Frontiers</i> , 2021, 12, 101230.	4.3	19
50	The role of plant species on runoff and soil erosion in a Mediterranean shrubland. <i>Science of the Total Environment</i> , 2021, 799, 149218.	3.9	32
51	Soil physical degradation and rill detachment by raindrop impact in semi-arid region. <i>Catena</i> , 2021, 207, 105603.	2.2	6
52	Tree species flammability based on plant traits: A synthesis. <i>Science of the Total Environment</i> , 2021, 800, 149625.	3.9	37
53	Following the Curve? Reviewing the physical basis of the SCS curve number method for estimating storm runoff. <i>Hydrological Processes</i> , 2021, 35, e14404.	1.1	3
54	A Rainfall Simulator Laboratory Approach to Determine the Impact of Ash Depth on Runoff Generation and Soil Losses. <i>Proceedings (mdpi)</i> , 2020, 30, .	0.2	0

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55	FIRElinks. Fire in the Earth System: Science & Society. Proceedings (mdpi), 2020, 30, .	0.2	0
56	Is the hillslope position relevant for runoff and soil loss activation under high rainfall conditions in vineyards?. Ecohydrology and Hydrobiology, 2020, 20, 59-72.	1.0	44
57	The potential of straw mulch as a nature-based solution for soil erosion in olive plantation treated with glyphosate: A biophysical and socioeconomic assessment. Land Degradation and Development, 2020, 31, 1877-1889.	1.8	44
58	Assessing and Modeling Soil Detachment Capacity by Overland Flow in Forest and Woodland of Northern Iran. Forests, 2020, 11, 65.	0.9	30
59	Integrating <i>in situ</i> measurements of an index of connectivity to assess soil erosion processes in vineyards. Hydrological Sciences Journal, 2020, 65, 671-679.	1.2	6
60	The effect of sample size on different machine learning models for groundwater potential mapping in mountain bedrock aquifers. Catena, 2020, 187, 104421.	2.2	81
61	Alleviating Soil Acidity: Optimization of Lime and Zinc Use in Maize ( <i>Zea mays</i> L.) Grown on Alfisols. Communications in Soil Science and Plant Analysis, 2020, 51, 221-235.	0.6	2
62	Assisted phytostabilization of soil from a former military area with mineral amendments. Ecotoxicology and Environmental Safety, 2020, 188, 109934.	2.9	21
63	Comparison of machine learning models for gully erosion susceptibility mapping. Geoscience Frontiers, 2020, 11, 1609-1620.	4.3	96
64	Capability and robustness of novel hybridized models used for drought hazard modeling in southeast Queensland, Australia. Science of the Total Environment, 2020, 718, 134656.	3.9	28
65	Soil erosion processes in subtropical plantations ( <i>Diospyros kaki</i> ) managed under flood irrigation in Eastern Spain. Singapore Journal of Tropical Geography, 2020, 41, 120-135.	0.6	14
66	Evaluating the Efficiency of Different Regression, Decision Tree, and Bayesian Machine Learning Algorithms in Spatial Piping Erosion Susceptibility Using ALOS/PALSAR Data. Land, 2020, 9, 346.	1.2	11
67	Quantifying Soil Compaction in Persimmon Orchards Using ISUM (Improved Stock Unearthing Method) and Core Sampling Methods. Agriculture (Switzerland), 2020, 10, 266.	1.4	14
68	Head-cut gully erosion susceptibility modelling based on ensemble Random Forest with oblique decision trees in Fareghan watershed, Iran. Geomatics, Natural Hazards and Risk, 2020, 11, 2385-2410.	2.0	16
69	Effectiveness of Cover Crops to Reduce Loss of Soil Organic Matter in a Rainfed Vineyard. Land, 2020, 9, 230.	1.2	66
70	Particle size distribution of sediment detached from rills under raindrop impact in semi-arid soils. Journal of Hydrology, 2020, 590, 125317.	2.3	8
71	Land-use impact on porosity and water retention of soils rich in rock fragments. Catena, 2020, 195, 104807.	2.2	23
72	The Impacts of Vineyard Afforestation on Soil Properties, Water Repellency and Near-Saturated Infiltration in the Little Carpathians Mountains. Water (Switzerland), 2020, 12, 2550.	1.2	9

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73	Structure Stability of Cultivated Soils from Semi-Arid Region: Comparing the Effects of Land Use and Anionic Polyacrylamide Application. <i>Agronomy</i> , 2020, 10, 2010.	1.3	4
74	Post-Fire Recovery of Vegetation and Diversity Patterns in Semiarid <i>Pinus halepensis</i> Mill. Habitats after Salvage Logging. <i>Forests</i> , 2020, 11, 1345.	0.9	13
75	<i>Vicia sativa</i> Roth. Can Reduce Soil and Water Losses in Recently Planted Vineyards ( <i>Vitis vinifera</i> L.). <i>Earth Systems and Environment</i> , 2020, 4, 827-842.	3.0	55
76	Soil Erosion Susceptibility Mapping in Kozetopraghi Catchment, Iran: A Mixed Approach Using Rainfall Simulator and Data Mining Techniques. <i>Land</i> , 2020, 9, 368.	1.2	15
77	A 13-Year Approach to Understand the Effect of Prescribed Fires and Livestock Grazing on Soil Chemical Properties in Tivissa, NE Iberian Peninsula. <i>Forests</i> , 2020, 11, 1013.	0.9	22
78	Biological soil crusts determine soil properties and salt dynamics under arid climatic condition in Qara Qir, Iran. <i>Science of the Total Environment</i> , 2020, 732, 139168.	3.9	28
79	TET: An automated tool for evaluating suitable check-dam sites based on sediment trapping efficiency. <i>Journal of Cleaner Production</i> , 2020, 266, 122051.	4.6	8
80	Identifying sources of dust aerosol using a new framework based on remote sensing and modelling. <i>Science of the Total Environment</i> , 2020, 737, 139508.	3.9	35
81	Tillage Versus No-Tillage. Soil Properties and Hydrology in an Organic Persimmon Farm in Eastern Iberian Peninsula. <i>Water (Switzerland)</i> , 2020, 12, 1539.	1.2	39
82	Improving prediction of water quality indices using novel hybrid machine-learning algorithms. <i>Science of the Total Environment</i> , 2020, 721, 137612.	3.9	202
83	Impacts of Weather Types on Soil Erosion Rates in Vineyards at “Celler Del Roure” Experimental Research in Eastern Spain. <i>Atmosphere</i> , 2020, 11, 551.	1.0	6
84	Relationship of Weather Types on the Seasonal and Spatial Variability of Rainfall, Runoff, and Sediment Yield in the Western Mediterranean Basin. <i>Atmosphere</i> , 2020, 11, 609.	1.0	13
85	Soil erosion on mountain trails as a consequence of recreational activities. A comprehensive review of the scientific literature. <i>Journal of Environmental Management</i> , 2020, 271, 110990.	3.8	58
86	Assessing and mapping multi-hazard risk susceptibility using a machine learning technique. <i>Scientific Reports</i> , 2020, 10, 3203.	1.6	126
87	A methodological comparison of head-cut based gully erosion susceptibility models: Combined use of statistical and artificial intelligence. <i>Geomorphology</i> , 2020, 359, 107136.	1.1	32
88	Effects of Soil Bund and Stone-Faced Soil Bund on Soil Physicochemical Properties and Crop Yield Under Rain-Fed Conditions of Northwest Ethiopia. <i>Land</i> , 2020, 9, 13.	1.2	57
89	Carbon sequestration potential and soil characteristics of various land use systems in arid region. <i>Journal of Environmental Management</i> , 2020, 264, 110254.	3.8	20
90	Applying the RUSLE and ISUM in the Tierra de Barros Vineyards (Extremadura, Spain) to Estimate Soil Mobilisation Rates. <i>Land</i> , 2020, 9, 93.	1.2	31

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91	Soil Hydrology for a Sustainable Land Management: Theory and Practice. Water (Switzerland), 2020, 12, 1109.	1.2	2
92	A novel ensemble computational intelligence approach for the spatial prediction of land subsidence susceptibility. Science of the Total Environment, 2020, 726, 138595.	3.9	71
93	Three topographical approaches to survey soil erosion on a mountain trail affected by a forest fire. Barranc de la Manesa, Llutxent, Eastern Iberian Peninsula. Journal of Environmental Management, 2020, 264, 110491.	3.8	21
94	A review of ecological risk assessment and associated health risks with heavy metals in sediment from India. International Journal of Sediment Research, 2020, 35, 516-526.	1.8	83
95	A review of soil carbon dynamics resulting from agricultural practices. Journal of Environmental Management, 2020, 268, 110319.	3.8	87
96	Soil erosion in Mediterranean chestnut tree plantations at risk due to climate change and land abandonment. LesnÁcky ÁEasopis, 2020, 66, 85-96.	0.8	7
97	Performance of Medicago sativa Grown in Clay Soil Favored by Compost or Farmyard Manure to Mitigate Salt Stress. Agronomy, 2020, 10, 94.	1.3	16
98	Developing scoring functions to assess soil quality at a regional scale in rangelands of SW Spain. Revista Brasileira De Ciencia Do Solo, 2020, 44, .	0.5	1
99	The use of Easy-Barriers to control soil and water losses in fire-affected land in Quesada, Andalusia, Spain. Science of the Total Environment, 2019, 690, 480-491.	3.9	12
100	Predicting uncertainty of machine learning models for modelling nitrate pollution of groundwater using quantile regression and UNEEC methods. Science of the Total Environment, 2019, 688, 855-866.	3.9	155
101	Spatial variability of soil roughness in persimmon plantations: A new combined ISUM (improved stock) Tj ETQq1 1 0,784314 rgBT /Overl	2.6	16
102	Maxent Data Mining Technique and Its Comparison with a Bivariate Statistical Model for Predicting the Potential Distribution of Astragalus Fasciculifolius Boiss. in Fars, Iran. Sustainability, 2019, 11, 3452.	1.6	32
103	Estimating Non-Sustainable Soil Erosion Rates in the Tierra de Barros Vineyards (Extremadura, Spain) Using an ISUM Update. Applied Sciences (Switzerland), 2019, 9, 3317.	1.3	7
104	Jute bioblanket as a soil rehabilitation strategy in Sorocaba, Brazil: Soil chemistry and SWOT approaches. Environmental Quality Management, 2019, 29, 125-137.	1.0	1
105	A comparison of statistical methods and multi-criteria decision making to map flood hazard susceptibility in Northern Iran. Science of the Total Environment, 2019, 660, 443-458.	3.9	189
106	Potential Benefits of Polymers in Soil Erosion Control for Agronomical Plans: A Laboratory Experiment. Agronomy, 2019, 9, 276.	1.3	21
107	Analyzing long-term soil erosion in a ridge-shaped persimmon plantation in eastern Spain by means of ISUM measurements. Catena, 2019, 183, 104176.	2.2	23
108	Assessing flood probability for transportation infrastructure based on catchment characteristics, sediment connectivity and remotely sensed soil moisture. Science of the Total Environment, 2019, 661, 393-406.	3.9	76



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109	Soil erosion on the “El Portalet” mountain trails in the Eastern Iberian Peninsula. Science of the Total Environment, 2019, 661, 504-513.	3.9	18
110	Impact of Farmland Abandonment on Water Resources and Soil Conservation in Citrus Plantations in Eastern Spain. Water (Switzerland), 2019, 11, 824.	1.2	48
111	The Effect of Shallow Tillage on Soil Erosion in a Semi-Arid Vineyard. Agronomy, 2019, 9, 257.	1.3	42
112	The combined effect of phytostabilization and different amendments on remediation of soils from post-military areas. Science of the Total Environment, 2019, 688, 37-45.	3.9	36
113	Spatial Pattern Analysis and Prediction of Gully Erosion Using Novel Hybrid Model of Entropy-Weight of Evidence. Water (Switzerland), 2019, 11, 1129.	1.2	57
114	Road Network and the Spatial Distribution of Wildfires in the Valencian Community (1993–2015). Agriculture (Switzerland), 2019, 9, 100.	1.4	14
115	The (Evolving) Vineyard’s Age Structure in the Valencian Community, Spain: A New Demographic Approach for Rural Development and Landscape Analysis. Agriculture (Switzerland), 2019, 9, 59.	1.4	3
116	Effects of Different Land Uses (Abandoned Farmland, Intensive Agriculture and Forest) on Soil Hydrological Properties in Southern Spain. Water (Switzerland), 2019, 11, 503.	1.2	45
117	Assessment of Soil Suitability for Improvement of Soil Factors and Agricultural Management. Sustainability, 2019, 11, 1588.	1.6	39
118	Determining the best ISUM (Improved stock unearthing Method) sampling point number to model long-term soil transport and micro-topographical changes in vineyards. Computers and Electronics in Agriculture, 2019, 159, 147-156.	3.7	21
119	Contrasted Impact of Land Abandonment on Soil Erosion in Mediterranean Agriculture Fields. Pedosphere, 2019, 29, 258.	2.1	0
120	Land subsidence modelling using tree-based machine learning algorithms. Science of the Total Environment, 2019, 672, 239-252.	3.9	99
121	Spatial variability of the relationships of runoff and sediment yield with weather types throughout the Mediterranean basin. Journal of Hydrology, 2019, 571, 390-405.	2.3	49
122	Calibration of the SARI portable rainfall simulator for field and laboratory experiments. Hydrological Sciences Journal, 2019, 64, 350-360.	1.2	12
123	The Role of Fire in Achieving the Sustainable Development Goals of the United Nations. Proceedings (mdpi), 2019, 30, 65.	0.2	4
124	Soil Erosion on Mountain Trails in Eastern Iberian Peninsula. Proceedings (mdpi), 2019, 30, 80.	0.2	0
125	Proposing a Novel Predictive Technique for Gully Erosion Susceptibility Mapping in Arid and Semi-arid Regions (Iran). Remote Sensing, 2019, 11, 2577.	1.8	49
126	Industrial Sprawl and Residential Housing: Exploring the Interplay between Local Development and Land-Use Change in the Valencian Community, Spain. Land, 2019, 8, 143.	1.2	13



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127	GIS-based groundwater potential mapping in Shahroud plain, Iran. A comparison among statistical (bivariate and multivariate), data mining and MCDM approaches. <i>Science of the Total Environment</i> , 2019, 658, 160-177.	3.9	150
128	Combining land preparation and vegetation restoration for optimal soil eco-hydrological services in the Loess Plateau, China. <i>Science of the Total Environment</i> , 2019, 657, 535-547.	3.9	29
129	Straw mulch as a sustainable solution to decrease runoff and erosion in glyphosate-treated clementine plantations in Eastern Spain. An assessment using rainfall simulation experiments. <i>Catena</i> , 2019, 174, 95-103.	2.2	167
130	The impact of straw mulching and salvage logging on post-fire runoff and soil erosion generation under Mediterranean climate conditions. <i>Science of the Total Environment</i> , 2019, 654, 441-451.	3.9	91
131	Soils from an iron and steel scrap storage yard remediated with aided phytostabilization. <i>Land Degradation and Development</i> , 2019, 30, 202-211.	1.8	8
132	Connecting the public with soil to improve human health. <i>European Journal of Soil Science</i> , 2019, 70, 898-910.	1.8	45
133	Geodiversity and geoheritage: Detecting scientific and geographic biases and gaps through a bibliometric study. <i>Science of the Total Environment</i> , 2019, 659, 1032-1044.	3.9	42
134	Pollution assessment of heavy metals in soils of India and ecological risk assessment: A state-of-the-art. <i>Chemosphere</i> , 2019, 216, 449-462.	4.2	308
135	Four-year soil erosion rates in a running-mountain trail in eastern Iberian Peninsula. <i>Cuadernos De Investigacion Geografica</i> , 2019, 45, 309-331.	0.6	14
136	Using Beerkan experiments to estimate hydraulic conductivity of a crusted loamy soil in a Mediterranean vineyard. <i>Journal of Hydrology and Hydromechanics</i> , 2019, 67, 191-200.	0.7	17
137	Hydrological and erosional impact and farmer's perception on catch crops and weeds in citrus organic farming in Canyoles river watershed, Eastern Spain. <i>Agriculture, Ecosystems and Environment</i> , 2018, 258, 49-58.	2.5	111
138	Connectivity assessment in Mediterranean vineyards using improved stock unearthing method, LiDAR and soil erosion field surveys. <i>Earth Surface Processes and Landforms</i> , 2018, 43, 2193-2206.	1.2	61
139	Comparison of social-ecological resilience between two grassland management patterns driven by grassland land contract policy in the Maqu, Qinghai-Tibetan Plateau. <i>Land Use Policy</i> , 2018, 74, 88-96.	2.5	40
140	Characterizing rainfall erosivity by kinetic power - Median volume diameter relationship. <i>Catena</i> , 2018, 165, 12-21.	2.2	14
141	Clay Soil: A Good Conditioner for Amended Alfalfa with Different Organic Amendments Under Saline Irrigation Production. <i>Advances in Science, Technology and Innovation</i> , 2018, , 285-286.	0.2	1
142	The impact of soil erosion on soil fertility and vine vigor. A multidisciplinary approach based on field, laboratory and remote sensing approaches. <i>Science of the Total Environment</i> , 2018, 622-623, 474-480.	3.9	75
143	Updated Measurements in Vineyards Improves Accuracy of Soil Erosion Rates. <i>Agronomy Journal</i> , 2018, 110, 411-417.	0.9	33
144	Long-term impact of rainfed agricultural land abandonment on soil erosion in the Western Mediterranean basin. <i>Progress in Physical Geography</i> , 2018, 42, 202-219.	1.4	99

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145	Policies can help to apply successful strategies to control soil and water losses. The case of chipped pruned branches (CPB) in Mediterranean citrus plantations. <i>Land Use Policy</i> , 2018, 75, 734-745.	2.5	80
146	Offsetting land degradation through nitrogen and water management during maize cultivation under arid conditions. <i>Land Degradation and Development</i> , 2018, 29, 1366-1375.	1.8	45
147	Integrating Extensive Livestock and Soil Conservation Policies in Mediterranean Mountain Areas for Recovery of Abandoned Lands in the Central Spanish Pyrenees. A Long-Term Research Assessment. <i>Land Degradation and Development</i> , 2018, 29, 262-273.	1.8	34
148	The effect of soil on human health: an overview. <i>European Journal of Soil Science</i> , 2018, 69, 159-171.	1.8	201
149	The age of vines as a controlling factor of soil erosion processes in Mediterranean vineyards. <i>Science of the Total Environment</i> , 2018, 616-617, 1163-1173.	3.9	32
150	Erodibility prioritization of sub-watersheds using morphometric parameters analysis and its mapping: A comparison among TOPSIS, VIKOR, SAW, and CF multi-criteria decision making models. <i>Science of the Total Environment</i> , 2018, 613-614, 1385-1400.	3.9	142
151	The superior effect of nature based solutions in land management for enhancing ecosystem services. <i>Science of the Total Environment</i> , 2018, 610-611, 997-1009.	3.9	606
152	Alfalfa crops amended with MSW compost can compensate the effect of salty water irrigation depending on the soil texture. <i>Chemical Engineering Research and Design</i> , 2018, 115, 8-16.	2.7	30
153	Spatial Variation of Soil Seed Bank under Cushion Plants in a Subalpine Degraded Grassland. <i>Land Degradation and Development</i> , 2018, 29, 4-14.	1.8	25
154	Spatio-temporal variation of throughfall in a hyrcanian plain forest stand in Northern Iran. <i>Journal of Hydrology and Hydromechanics</i> , 2018, 66, 97-106.	0.7	14
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