

Artemi Cerd

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

347
papers

17,547
citations

75
h-index

117
g-index

376
ext. papers

20,651
ext. citations

5
avg, IF

7.48
L-index

#	Paper	IF	Citations
347	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	0.9	0
346	Effect of Standard Disk Plough on Soil Translocation in Sloping Sicilian Vineyards. <i>Land</i> , 2022 , 11, 148	3.5	0
345	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	2.9	2
344	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	7.5	2
343	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	3.8	1
342	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	7.9	5
341	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	2.4	0
340	Changes in soil functionality eight years after fire and post-fire hillslope stabilisation in Mediterranean forest ecosystems. <i>Geoderma</i> , 2021 , 409, 115603	6.7	0
339	Following the curve? Reviewing the physical basis of the SCS curve number method for estimating storm runoff. <i>Hydrological Processes</i> , 2021 , 35, e14404	3.3	0
338	Long-term monitoring of soil bulk density and erosion rates in two Prunus Persica (L) plantations under flood irrigation and glyphosate herbicide treatment in La Ribera district, Spain. <i>Journal of Environmental Management</i> , 2021 , 282, 111965	7.9	16
337	Evaluating the effects of forest tree species on rill detachment capacity in a semi-arid environment. <i>Ecological Engineering</i> , 2021 , 161, 106158	3.9	1
336	Effect of storm pattern on soil erosion in damaged rangeland; field rainfall simulation approach. <i>Journal of Mountain Science</i> , 2021 , 18, 706-715	2.1	5
335	Uncertainty Assessment in Soil Erosion Modelling Using RUSLE, Multisource and Multiresolution DEMs 2021 , 49, 1689-1707		6
334	Risk assessment of land degradation (RALDE) model. <i>Land Degradation and Development</i> , 2021 , 32, 2861-2874	4.4	1
333	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 Benacantil. <i>Cuadernos De Investigacion Geografica</i> , 2021 , 47, 95-119	2.5	22
332	Machine learning approach to predict susceptible growth regions of Moringa peregrina (Forssk). <i>Ecological Informatics</i> , 2021 , 62, 101267	4.2	2
331	Soil erosion modelling: A bibliometric analysis. <i>Environmental Research</i> , 2021 , 197, 111087	7.9	19

330	Long-term changes in rainfed olive production, rainfall and farmer's income in Bailb (Ja6, Spain). <i>Euro-Mediterranean Journal for Environmental Integration</i> , 2021 , 6, 1	1.7	2
329	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	3.3	6
328	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	8.4	17
327	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	2.1	9
326	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	7.9	7
325	Measuring, modelling and managing gully erosion at large scales: A state of the art. <i>Earth-Science Reviews</i> , 2021 , 218, 103637	10.2	20
324	Evaluation of deep learning algorithms for national scale landslide susceptibility mapping of Iran. <i>Geoscience Frontiers</i> , 2021 , 12, 505-519	6	70
323	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	4.4	12
322	Conversion of crop land use to plantation land use, northwest Ethiopia. <i>Trees, Forests and People</i> , 2021 , 3, 100044	1.8	5
321	Cover crop management and water conservation in vineyard and olive orchards. <i>Soil and Tillage Research</i> , 2021 , 208, 104896	6.5	49
320	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	8.4	6
319	Combination of contamination indices and ecological risk assessment index for evaluation of pollution level in sediments 2021 , 99-117		0
318	Tillage Impacts on Initial Soil Erosion in Wheat and Sainfoin Fields under Simulated Extreme Rainfall Treatments. <i>Sustainability</i> , 2021 , 13, 789	3.6	2
317	Regional Farmers' Perception and Societal Issues in Vineyards Affected by High Erosion Rates. <i>Land</i> , 2021 , 10, 205	3.5	13
316	Soil erosion modelling: A global review and statistical analysis. <i>Science of the Total Environment</i> , 2021 , 780, 146494	10.2	63
315	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	3.7	4
314	Efficient rainwater harvesting planning using socio-environmental variables and data-driven geospatial techniques. <i>Journal of Cleaner Production</i> , 2021 , 311, 127706	10.3	2
313	Risk Assessment of Land Degradation (RALDE) in Khuzestan Province, Iran. <i>Eurasian Soil Science</i> , 2021 , 54, 1228-1240	1.5	1

312	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	3	12
311	Soil and water losses along the cultivation cycle of onion in Irati, Brazil. <i>Catena</i> , 2021 , 204, 105439	5.8	
310	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> , 2021 , 37, 151-151	3	0
309	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	10.2	5
308	Post-fire practices benefits on vegetation recovery and soil conservation in a Mediterranean area. <i>Land Use Policy</i> , 2021 , 111, 105776	5.6	2
307	Modelling of piping collapses and gully headcut landforms: Evaluating topographic variables from different types of DEM. <i>Geoscience Frontiers</i> , 2021 , 12, 101230	6	5
306	The role of plant species on runoff and soil erosion in a Mediterranean shrubland. <i>Science of the Total Environment</i> , 2021 , 799, 149218	10.2	8
305	Soil physical degradation and rill detachment by raindrop impact in semi-arid region. <i>Catena</i> , 2021 , 207, 105603	5.8	1
304	Tree species flammability based on plant traits: A synthesis. <i>Science of the Total Environment</i> , 2021 , 800, 149625	10.2	3
303	Post-Fire Recovery of Vegetation and Diversity Patterns in Semiarid Pinus halepensis Mill. Habitats after Salvage Logging. <i>Forests</i> , 2020 , 11, 1345	2.8	4
302	Vicia sativa Roth. Can Reduce Soil and Water Losses in Recently Planted Vineyards (Vitis vinifera L.). <i>Earth Systems and Environment</i> , 2020 , 4, 827-842	7.5	46
301	Soil Erosion Susceptibility Mapping in Kozetopraghi Catchment, Iran: A Mixed Approach Using Rainfall Simulator and Data Mining Techniques. <i>Land</i> , 2020 , 9, 368	3.5	8
300	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	2.8	14
299	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	10.2	13
298	TET: An automated tool for evaluating suitable check-dam sites based on sediment trapping efficiency. <i>Journal of Cleaner Production</i> , 2020 , 266, 122051	10.3	3
297	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	10.2	15
296	Tillage Versus No-Tillage. Soil Properties and Hydrology in an Organic Persimmon Farm in Eastern Iberian Peninsula. <i>Water (Switzerland)</i> , 2020 , 12, 1539	3	24
295	Improving prediction of water quality indices using novel hybrid machine-learning algorithms. <i>Science of the Total Environment</i> , 2020 , 721, 137612	10.2	69

294	Impacts of Weather Types on Soil Erosion Rates in Vineyards at Keller Del Roure Experimental Research in Eastern Spain. <i>Atmosphere</i> , 2020 , 11, 551	2.7	6
293	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	2.7	9
292	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	7.9	19
291	Assessing and mapping multi-hazard risk susceptibility using a machine learning technique. <i>Scientific Reports</i> , 2020 , 10, 3203	4.9	66
290	A methodological comparison of head-cut based gully erosion susceptibility models: Combined use of statistical and artificial intelligence. <i>Geomorphology</i> , 2020 , 359, 107136	4.3	20
289	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	3.5	36
288	Carbon sequestration potential and soil characteristics of various land use systems in arid region. <i>Journal of Environmental Management</i> , 2020 , 264, 110254	7.9	9
287	Applying the RUSLE and ISUM in the Tierra de Barros Vineyards (Extremadura, Spain) to Estimate Soil Mobilisation Rates. <i>Land</i> , 2020 , 9, 93	3.5	22
286	A novel ensemble computational intelligence approach for the spatial prediction of land subsidence susceptibility. <i>Science of the Total Environment</i> , 2020 , 726, 138595	10.2	32
285	Three topographical approaches to survey soil erosion on a mountain trail affected by a forest fire. Barranc de la Manesa, Llutxent, Eastern Iberian Peninsula. <i>Journal of Environmental Management</i> , 2020 , 264, 110491	7.9	13
284	Influence of Site and Check Dam Characteristics on Sediment Retention and Structure Conservation in a Mexican River. <i>Lecture Notes in Civil Engineering</i> , 2020 , 99-107	0.3	
283	Soil erosion in Mediterranean chestnut tree plantations at risk due to climate change and land abandonment. <i>LesnĀky Āsopis</i> , 2020 , 66, 85-96	1.2	7
282	Performance of Medicago sativa Grown in Clay Soil Favored by Compost or Farmyard Manure to Mitigate Salt Stress. <i>Agronomy</i> , 2020 , 10, 94	3.6	7
281	A review of soil carbon dynamics resulting from agricultural practices. <i>Journal of Environmental Management</i> , 2020 , 268, 110319	7.9	37
280	Assessing and Modeling Soil Detachment Capacity by Overland Flow in Forest and Woodland of Northern Iran. <i>Forests</i> , 2020 , 11, 65	2.8	16
279	Integrating in situ measurements of an index of connectivity to assess soil erosion processes in vineyards. <i>Hydrological Sciences Journal</i> , 2020 , 65, 671-679	3.5	4
278	The effect of sample size on different machine learning models for groundwater potential mapping in mountain bedrock aquifers. <i>Catena</i> , 2020 , 187, 104421	5.8	44
277	Alleviating Soil Acidity: Optimization of Lime and Zinc Use in Maize (<i>Zea mays</i> L.) Grown on Alfisols. <i>Communications in Soil Science and Plant Analysis</i> , 2020 , 51, 221-235	1.5	2

276	Assisted phytostabilization of soil from a former military area with mineral amendments. <i>Ecotoxicology and Environmental Safety</i> , 2020 , 188, 109934	7	12
275	Comparison of machine learning models for gully erosion susceptibility mapping. <i>Geoscience Frontiers</i> , 2020 , 11, 1609-1620	6	59
274	Capability and robustness of novel hybridized models used for drought hazard modeling in southeast Queensland, Australia. <i>Science of the Total Environment</i> , 2020 , 718, 134656	10.2	18
273	Soil erosion processes in subtropical plantations (<i>Diospyros kaki</i>) managed under flood irrigation in Eastern Spain. <i>Singapore Journal of Tropical Geography</i> , 2020 , 41, 120-135	1.5	13
272	Evaluating the Efficiency of Different Regression, Decision Tree, and Bayesian Machine Learning Algorithms in Spatial Piping Erosion Susceptibility Using ALOS/PALSAR Data. <i>Land</i> , 2020 , 9, 346	3.5	4
271	Quantifying Soil Compaction in Persimmon Orchards Using ISUM (Improved Stock Unearthing Method) and Core Sampling Methods. <i>Agriculture (Switzerland)</i> , 2020 , 10, 266	3	10
270	Head-cut gully erosion susceptibility modelling based on ensemble Random Forest with oblique decision trees in Fareghan watershed, Iran. <i>Geomatics, Natural Hazards and Risk</i> , 2020 , 11, 2385-2410	3.6	7
269	Effectiveness of Cover Crops to Reduce Loss of Soil Organic Matter in a Rainfed Vineyard. <i>Land</i> , 2020 , 9, 230	3.5	38
268	Particle size distribution of sediment detached from rills under raindrop impact in semi-arid soils. <i>Journal of Hydrology</i> , 2020 , 590, 125317	6	2
267	Land-use impact on porosity and water retention of soils rich in rock fragments. <i>Catena</i> , 2020 , 195, 104893	3.8	6
266	The Impacts of Vineyard Afforestation on Soil Properties, Water Repellency and Near-Saturated Infiltration in the Little Carpathians Mountains. <i>Water (Switzerland)</i> , 2020 , 12, 2550	3	5
265	Evaluation of re-sampling methods on performance of machine learning models to predict landslide susceptibility. <i>Geocarto International</i> , 2020 , 1-23	2.7	7
264	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	3.6	2
263	Is the hillslope position relevant for runoff and soil loss activation under high rainfall conditions in vineyards?. <i>Ecohydrology and Hydrobiology</i> , 2020 , 20, 59-72	2.8	34
262	The potential of straw mulch as a nature-based solution for soil erosion in olive plantation treated with glyphosate: A biophysical and socioeconomic assessment. <i>Land Degradation and Development</i> , 2020 , 31, 1877-1889	4.4	34
261	A review of ecological risk assessment and associated health risks with heavy metals in sediment from India. <i>International Journal of Sediment Research</i> , 2020 , 35, 516-526	3	34
260	A comparison of statistical methods and multi-criteria decision making to map flood hazard susceptibility in Northern Iran. <i>Science of the Total Environment</i> , 2019 , 660, 443-458	10.2	114
259	Potential Benefits of Polymers in Soil Erosion Control for Agronomical Plans: A Laboratory Experiment. <i>Agronomy</i> , 2019 , 9, 276	3.6	14

258	Analyzing long-term soil erosion in a ridge-shaped persimmon plantation in eastern Spain by means of ISUM measurements. <i>Catena</i> , 2019 , 183, 104176	5.8	19
257	Assessing flood probability for transportation infrastructure based on catchment characteristics, sediment connectivity and remotely sensed soil moisture. <i>Science of the Total Environment</i> , 2019 , 661, 393-406	10.2	41
256	Soil erosion on the "El Portalet" mountain trails in the Eastern Iberian Peninsula. <i>Science of the Total Environment</i> , 2019 , 661, 504-513	10.2	10
255	Impact of Farmland Abandonment on Water Resources and Soil Conservation in Citrus Plantations in Eastern Spain. <i>Water (Switzerland)</i> , 2019 , 11, 824	3	37
254	The Effect of Shallow Tillage on Soil Erosion in a Semi-Arid Vineyard. <i>Agronomy</i> , 2019 , 9, 257	3.6	29
253	The combined effect of phytostabilization and different amendments on remediation of soils from post-military areas. <i>Science of the Total Environment</i> , 2019 , 688, 37-45	10.2	25
252	Spatial Pattern Analysis and Prediction of Gully Erosion Using Novel Hybrid Model of Entropy-Weight of Evidence. <i>Water (Switzerland)</i> , 2019 , 11, 1129	3	37
251	Road Network and the Spatial Distribution of Wildfires in the Valencian Community (1993-2015). <i>Agriculture (Switzerland)</i> , 2019 , 9, 100	3	9
250	The (Evolving) Vineyard Age Structure in the Valencian Community, Spain: A New Demographic Approach for Rural Development and Landscape Analysis. <i>Agriculture (Switzerland)</i> , 2019 , 9, 59	3	2
249	Effects of Different Land Uses (Abandoned Farmland, Intensive Agriculture and Forest) on Soil Hydrological Properties in Southern Spain. <i>Water (Switzerland)</i> , 2019 , 11, 503	3	31
248	Assessment of Soil Suitability for Improvement of Soil Factors and Agricultural Management. <i>Sustainability</i> , 2019 , 11, 1588	3.6	17
247	Determining the best ISUM (Improved stock unearthing Method) sampling point number to model long-term soil transport and micro-topographical changes in vineyards. <i>Computers and Electronics in Agriculture</i> , 2019 , 159, 147-156	6.5	18
246	Land subsidence modelling using tree-based machine learning algorithms. <i>Science of the Total Environment</i> , 2019 , 672, 239-252	10.2	58
245	Spatial variability of the relationships of runoff and sediment yield with weather types throughout the Mediterranean basin. <i>Journal of Hydrology</i> , 2019 , 571, 390-405	6	39
244	Calibration of the SARI portable rainfall simulator for field and laboratory experiments. <i>Hydrological Sciences Journal</i> , 2019 , 64, 350-360	3.5	6
243	The use of Easy-Barriers to control soil and water losses in fire-affected land in Quesada, Andalusia, Spain. <i>Science of the Total Environment</i> , 2019 , 690, 480-491	10.2	10
242	Predicting uncertainty of machine learning models for modelling nitrate pollution of groundwater using quantile regression and UNEEC methods. <i>Science of the Total Environment</i> , 2019 , 688, 855-866	10.2	89
241	Spatial variability of soil roughness in persimmon plantations: A new combined ISUM (improved stock unearthing method) approach. <i>Ecological Indicators</i> , 2019 , 106, 105528	5.8	7

240	Maxent Data Mining Technique and Its Comparison with a Bivariate Statistical Model for Predicting the Potential Distribution of <i>Astragalus Fasciculifolius</i> Boiss. in Fars, Iran. <i>Sustainability</i> , 2019 , 11, 3452	3.6	13
239	Estimating Non-Sustainable Soil Erosion Rates in the Tierra de Barros Vineyards (Extremadura, Spain) Using an ISUM Update. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 3317	2.6	5
238	Jute bioblanket as a soil rehabilitation strategy in Sorocaba, Brazil: Soil chemistry and SWOT approaches. <i>Environmental Quality Management</i> , 2019 , 29, 125-137	0.8	
237	Four-year soil erosion rates in a running-mountain trail in eastern Iberian Peninsula. <i>Cuadernos De Investigacion Geografica</i> , 2019 , 45, 309	2.5	9
236	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	2.1	13
235	The Role of Fire in Achieving the Sustainable Development Goals of the United Nations. <i>Proceedings (mdpi)</i> , 2019 , 30, 65	0.3	3
234	Soil Erosion on Mountain Trails in Eastern Iberian Peninsula. <i>Proceedings (mdpi)</i> , 2019 , 30, 80	0.3	
233	A Rainfall Simulator Laboratory Approach to Determine the Impact of Ash Depth on Runoff Generation and Soil Losses. <i>Proceedings (mdpi)</i> , 2019 , 30, 71	0.3	
232	FIRElinks. Fire in the Earth System: Science & Society. <i>Proceedings (mdpi)</i> , 2019 , 30, 68	0.3	
231	Ecological and human health risks appraisal of metal(loid)s in agricultural soils: a review 2019 , 1-13		17
230	Proposing a Novel Predictive Technique for Gully Erosion Susceptibility Mapping in Arid and Semi-arid Regions (Iran). <i>Remote Sensing</i> , 2019 , 11, 2577	5	30
229	Industrial Sprawl and Residential Housing: Exploring the Interplay between Local Development and Land-Use Change in the Valencian Community, Spain. <i>Land</i> , 2019 , 8, 143	3.5	6
228	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	10.2	91
227	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	10.2	11
226	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	5.8	121
225	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	10.2	52
224	Soils from an iron and steel scrap storage yard remediated with aided phytostabilization. <i>Land Degradation and Development</i> , 2019 , 30, 202-211	4.4	5
223	Connecting the public with soil to improve human health. <i>European Journal of Soil Science</i> , 2019 , 70, 898-910	3.4	31

222	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	10.2	28
221	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	8.4	185
220	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	5.7	90
219	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	3.7	54
218	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	5.6	24
217	Characterizing rainfall erosivity by kinetic power - Median volume diameter relationship. <i>Catena</i> , 2018 , 165, 12-21	5.8	6
216	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	0.3	1
215	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	10.2	45
214	Updated Measurements in Vineyards Improves Accuracy of Soil Erosion Rates. <i>Agronomy Journal</i> , 2018 , 110, 411-417	2.2	31
213	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	3.5	77
212	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	5.6	67
211	Offsetting land degradation through nitrogen and water management during maize cultivation under arid conditions. <i>Land Degradation and Development</i> , 2018 , 29, 1366-1375	4.4	26
210	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	4.4	24
209	The effect of soil on human health: an overview. <i>European Journal of Soil Science</i> , 2018 , 69, 159-171	3.4	138
208	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	10.2	28
207	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	10.2	88
206	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	10.2	389
205	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	5.5	14

204	Spatial Variation of Soil Seed Bank under Cushion Plants in a Subalpine Degraded Grassland. <i>Land Degradation and Development</i> , 2018 , 29, 4-14	4.4	12
203	The way forward: Can connectivity be useful to design better measuring and modelling schemes for water and sediment dynamics?. <i>Science of the Total Environment</i> , 2018 , 644, 1557-1572	10.2	137
202	Short-term changes in infiltration between straw mulched and non-mulched soils after wildfire in Mediterranean forest ecosystems. <i>Ecological Engineering</i> , 2018 , 122, 27-31	3.9	58
201	Exploring the influence of vegetation cover, sediment storage capacity and channel dimensions on stone check dam conditions and effectiveness in a large regulated river in México. <i>Ecological Engineering</i> , 2018 , 122, 39-47	3.9	22
200	Soil Erosion as an Environmental Concern in Vineyards. The Case Study of Celler del Roure, Eastern Spain, by Means of Rainfall Simulation Experiments. <i>Beverages</i> , 2018 , 4, 31	3.4	74
199	Soil Erosion Induced by the Introduction of New Pasture Species in a Faxinal Farm of Southern Brazil. <i>Geosciences (Switzerland)</i> , 2018 , 8, 166	2.7	26
198	Anthocyanins of Coloured Wheat Genotypes in Specific Response to SalStress. <i>Molecules</i> , 2018 , 23,	4.8	31
197	The Impact of the Age of Vines on Soil Hydraulic Conductivity in Vineyards in Eastern Spain. <i>Water (Switzerland)</i> , 2018 , 10, 14	3	14
196	Comparing Transient and Steady-State Analysis of Single-Ring Infiltrometer Data for an Abandoned Field Affected by Fire in Eastern Spain. <i>Water (Switzerland)</i> , 2018 , 10, 514	3	17
195	Simulated raindrop's characteristic measurements. A new approach of image processing tested under laboratory rainfall simulation. <i>Catena</i> , 2018 , 167, 190-197	5.8	14
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10	Soil physical quality changes under different management systems after 10 years in Argentinian Humid Pampa		1
9	Soil erosion assessment and control in Northeast Wollega, Ethiopia		21
8	Organic carbon, water repellency and soil stability to slaking under different crops and managements: a case study at aggregate and intra-aggregate scales		2
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6	Effect of land management on soil properties in flood irrigated citrus orchards in Eastern Spain		3
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