

Artemi Cerd

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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	The significance of soils and soil science towards realization of the United Nations Sustainable Development Goals. <i>Soil</i> , 2016 , 2, 111-128	5.8	795
346	The interdisciplinary nature of <i>SOIL&/i>. <i>Soil</i> , 2015 , 1, 117-129	5.8	414
345	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
344	Fire effects on soil aggregation: A review. <i>Earth-Science Reviews</i> , 2011 , 109, 44-60	10.2	353
343	Wildland fire ash: Production, composition and eco-hydro-geomorphic effects. <i>Earth-Science Reviews</i> , 2014 , 130, 103-127	10.2	303
342	Effects of soil management techniques on soil water erosion in apricot orchards. <i>Science of the Total Environment</i> , 2016 , 551-552, 357-66	10.2	271
341	The effect of patchy distribution of <i>Stipa tenacissima</i> L. on runoff and erosion. <i>Journal of Arid Environments</i> , 1997 , 36, 37-51	2.5	253
340	The immediate effectiveness of barley straw mulch in reducing soil erodibility and surface runoff generation in Mediterranean vineyards. <i>Science of the Total Environment</i> , 2016 , 547, 323-330	10.2	251
339	The effect of ash and needle cover on surface runoff and erosion in the immediate post-fire period. <i>Catena</i> , 2008 , 74, 256-263	5.8	237
338	Soil water erosion on Mediterranean vineyards: A review. <i>Catena</i> , 2016 , 141, 1-21	5.8	229
337	Influence of vegetation recovery on soil hydrology and erodibility following fire: an 11-year investigation. <i>International Journal of Wildland Fire</i> , 2005 , 14, 423	3.2	227
336	Effects of rock fragment cover on soil infiltration, interrill runoff and erosion. <i>European Journal of Soil Science</i> , 2001 , 52, 59-68	3.4	218
335	Soil erosion assessment on tillage and alternative soil managements in a Sicilian vineyard. <i>Soil and Tillage Research</i> , 2011 , 117, 140-147	6.5	213
334	Performance assessment of individual and ensemble data-mining techniques for gully erosion modeling. <i>Science of the Total Environment</i> , 2017 , 609, 764-775	10.2	198
333	Soil wettability, runoff and erodibility of major dry-Mediterranean land use types on calcareous soils. <i>Hydrological Processes</i> , 2007 , 21, 2325-2336	3.3	191
332	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
331	Soil microbial biomass and activity under different agricultural management systems in a semiarid Mediterranean agroecosystem. <i>Soil and Tillage Research</i> , 2010 , 109, 110-115	6.5	168

330	Soil aggregate stability under different Mediterranean vegetation types. <i>Catena</i> , 1998 , 32, 73-86	5.8	163
329	Mulching practices for reducing soil water erosion: A review. <i>Earth-Science Reviews</i> , 2016 , 161, 191-203	10.2	155
328	Use of barley straw residues to avoid high erosion and runoff rates on persimmon plantations in Eastern Spain under low frequency high magnitude simulated rainfall events. <i>Soil Research</i> , 2016 , 54, 154	1.8	155
327	Changes in overland flow and infiltration after a rangeland fire in a Mediterranean scrubland 1998 , 12, 1031-1042		155
326	Soil and water losses from new citrus orchards growing on sloped soils in the western Mediterranean basin. <i>Earth Surface Processes and Landforms</i> , 2009 , 34, 1822-1830	3.7	154
325	Effects of agricultural management on surface soil properties and soil water losses in eastern Spain. <i>Soil and Tillage Research</i> , 2009 , 106, 117-123	6.5	152
324	The effect of soil on human health: an overview. <i>European Journal of Soil Science</i> , 2018 , 69, 159-171	3.4	138
323	The influence of aspect and vegetation on seasonal changes in erosion under rainfall simulation on a clay soil in Spain. <i>Canadian Journal of Soil Science</i> , 1998 , 78, 321-330	1.4	138
322	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
321	Aggregate stability against water forces under different climates on agriculture land and scrubland in southern Bolivia. <i>Soil and Tillage Research</i> , 2000 , 57, 159-166	6.5	136
320	Changes in soil microbial community structure influenced by agricultural management practices in a mediterranean agro-ecosystem. <i>PLoS ONE</i> , 2013 , 8, e80522	3.7	134
319	Long-term erosional responses after fire in the Central Spanish Pyrenees. <i>Catena</i> , 2005 , 60, 59-80	5.8	133
318	The impact of organic amendments on soil hydrology, structure and microbial respiration in semiarid lands. <i>Geoderma</i> , 2016 , 266, 58-65	6.7	132
317	European small portable rainfall simulators: A comparison of rainfall characteristics. <i>Catena</i> , 2013 , 110, 100-112	5.8	128
316	Parent Material and Vegetation Affect Soil Erosion in Eastern Spain. <i>Soil Science Society of America Journal</i> , 1999 , 63, 362-368	2.5	127
315	Seasonal variability of infiltration rates under contrasting slope conditions in southeast Spain. <i>Geoderma</i> , 1996 , 69, 217-232	6.7	124
314	Soil structural stability and erosion rates influenced by agricultural management practices in a semi-arid Mediterranean agro-ecosystem. <i>Soil Use and Management</i> , 2012 , 28, 571-579	3.1	123
313	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

312	Design and operation of a small and portable rainfall simulator for rugged terrain. <i>Soil and Tillage Research</i> , 1997 , 11, 163-170		117
311	Contribution of raindrop impact to the change of soil physical properties and water erosion under semi-arid rainfalls. <i>Science of the Total Environment</i> , 2017 , 583, 382-392	10.2	116
310	The influence of slope angle on sediment, water and seed losses on badland landscapes. <i>Geomorphology</i> , 1997 , 18, 77-90	4.3	116
309	Soil water erosion on road embankments in eastern Spain. <i>Science of the Total Environment</i> , 2007 , 378, 151-5	10.2	115
308	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
307	Effects of climate, land cover and topography on soil erosion risk in a semiarid basin of the Andes. <i>Catena</i> , 2016 , 140, 31-42	5.8	114
306	Managing soil nitrate with cover crops and buffer strips in Sicilian vineyards. <i>Solid Earth</i> , 2013 , 4, 255-262	3.3	113
305	An economic, perception and biophysical approach to the use of oat straw as mulch in Mediterranean rainfed agriculture land. <i>Ecological Engineering</i> , 2017 , 108, 162-171	3.9	112
304	Splash erosion: A review with unanswered questions. <i>Earth-Science Reviews</i> , 2017 , 171, 463-477	10.2	111
303	Seasonal changes of the infiltration rates in a Mediterranean scrubland on limestone. <i>Journal of Hydrology</i> , 1997 , 198, 209-225	6	111
302	The wettability of ash from burned vegetation and its relationship to Mediterranean plant species type, burn severity and total organic carbon content. <i>Geoderma</i> , 2011 , 160, 599-607	6.7	109
301	The influence of geomorphological position and vegetation cover on the erosional and hydrological processes on a Mediterranean hillslope. <i>Hydrological Processes</i> , 1998 , 12, 661-671	3.3	109
300	Quantitative comparison of initial soil erosion processes and runoff generation in Spanish and German vineyards. <i>Science of the Total Environment</i> , 2016 , 565, 1165-1174	10.2	107
299	Soil erosion and hydrology of the western Mediterranean badlands throughout rainfall simulation experiments: A review. <i>Catena</i> , 2013 , 106, 101-112	5.8	105
298	Ongoing and Emerging Questions in Water Erosion Studies. <i>Land Degradation and Development</i> , 2017 , 28, 5-21	4.4	103
297	Fire and aspect induced differences on the erodibility and hydrology of soils at La Costera, Valencia, southeast Spain. <i>Catena</i> , 1995 , 24, 289-304	5.8	103
296	Soil erosion after land abandonment in a semiarid environment of southeastern Spain. <i>Arid Land Research and Management</i> , 1997 , 11, 163-176		92
295	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

294	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
293	Seasonal and spatial variations in infiltration rates in badland surfaces under Mediterranean climatic conditions. <i>Water Resources Research</i> , 1999 , 35, 319-328	5.4	90
292	Long-term effects of soil management on ecosystem services and soil loss estimation in olive grove top soils. <i>Science of the Total Environment</i> , 2016 , 571, 498-506	10.2	90
291	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
290	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
289	Soil hydrological response under simulated rainfall in the Dehesa land system (Extremadura, SW Spain) under drought conditions 1998 , 23, 195-209		87
288	Limitations to plant establishment on eroded slopes in southeastern Spain. <i>Journal of Vegetation Science</i> , 2000 , 11, 77-86	3.1	87
287	Nitrogen losses in vineyards under different types of soil groundcover. A field runoff simulator approach in central Spain. <i>Agriculture, Ecosystems and Environment</i> , 2017 , 236, 256-267	5.7	86
286	Understanding the role of soil erosion on CO ₂ -C loss using (13)C isotopic signatures in abandoned Mediterranean agricultural land. <i>Science of the Total Environment</i> , 2016 , 550, 330-336	10.2	82
285	Relationships between climate and soil hydrological and erosional characteristics along climatic gradients in Mediterranean limestone areas. <i>Geomorphology</i> , 1998 , 25, 123-134	4.3	82
284	Effect of climate on surface flow along a climatological gradient in Israel: a field rainfall simulation approach. <i>Journal of Arid Environments</i> , 1998 , 38, 145-159	2.5	82
283	Modelling the Impacts of Wildfire on Ash Thickness in a Short-Term Period. <i>Land Degradation and Development</i> , 2015 , 26, 180-192	4.4	80
282	Hydrological effects of a layer of vegetation ash on underlying wettable and water repellent soil. <i>Geoderma</i> , 2012 , 191, 14-23	6.7	78
281	The impact of cotton geotextiles on soil and water losses from Mediterranean rainfed agricultural land. <i>Land Degradation and Development</i> , 2010 , 21, 210-217	4.4	78
280	The multidisciplinary origin of soil geography: A review. <i>Earth-Science Reviews</i> , 2018 , 177, 114-123	10.2	78
279	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
278	Agricultural land abandonment in Mediterranean environment provides ecosystem services via soil carbon sequestration. <i>Science of the Total Environment</i> , 2017 , 576, 420-429	10.2	77
277	Rainfall simulation and Structure-from-Motion photogrammetry for the analysis of soil water erosion in Mediterranean vineyards. <i>Science of the Total Environment</i> , 2017 , 574, 204-215	10.2	77

276	Post-fire dynamics of erosional processes under Mediterranean climatic conditions. <i>Zeitschrift für Geomorphologie</i> , 1998 , 42, 373-398	1.9	76
275	Ecosystem responses to land abandonment in Western Mediterranean Mountains. <i>Catena</i> , 2017 , 149, 824-835	5.8	75
274	The effect of season and parent material on water erosion on highly eroded soils in eastern Spain. <i>Journal of Arid Environments</i> , 2002 , 52, 319-337	2.5	75
273	The influence of seed size and shape on their removal by water erosion. <i>Catena</i> , 2002 , 48, 293-301	5.8	75
272	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
271	Soil organic carbon stocks assessment in Mediterranean natural areas: a comparison of entire soil profiles and soil control sections. <i>Journal of Environmental Management</i> , 2015 , 155, 219-28	7.9	71
270	Carbon input threshold for soil carbon budget optimization in eroding vineyards. <i>Geoderma</i> , 2016 , 271, 144-149	6.7	71
269	Unravelling the importance of forest age stand and forest structure driving microbiological soil properties, enzymatic activities and soil nutrients content in Mediterranean Spanish black pine (<i>Pinus nigra</i> Ar. ssp. <i>salzmannii</i>) Forest. <i>Science of the Total Environment</i> , 2016 , 562, 145-154	10.2	71
268	The influence of ants on soil and water losses from an orange orchard in eastern Spain. <i>Journal of Applied Entomology</i> , 2008 , 132, 306-314	1.7	70
267	Evaluation of deep learning algorithms for national scale landslide susceptibility mapping of Iran. <i>Geoscience Frontiers</i> , 2021 , 12, 505-519	6	70
266	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
265	Soil aggregate stability in three Mediterranean environments. <i>Soil and Tillage Research</i> , 1996 , 9, 133-140		68
264	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
263	Spatial models for monitoring the spatio-temporal evolution of ashes after fire: a case study of a burnt grassland in Lithuania. <i>Solid Earth</i> , 2013 , 4, 153-165	3.3	67
262	Assessing and mapping multi-hazard risk susceptibility using a machine learning technique. <i>Scientific Reports</i> , 2020 , 10, 3203	4.9	66
261	Seed removal susceptibility through soil erosion shapes vegetation composition. <i>Plant and Soil</i> , 2010 , 334, 289-297	4.2	63
260	Seed population dynamics on badland slopes in southeastern Spain. <i>Journal of Vegetation Science</i> , 1995 , 6, 691-696	3.1	63
259	Soil erosion modelling: A global review and statistical analysis. <i>Science of the Total Environment</i> , 2021 , 780, 146494	10.2	63

258	Runoff initiation, soil detachment and connectivity are enhanced as a consequence of vineyards plantations. <i>Journal of Environmental Management</i> , 2017 , 202, 268-275	7.9	62
257	Contrasted Impact of Land Abandonment on Soil Erosion in Mediterranean Agriculture Fields. <i>Pedosphere</i> , 2018 , 28, 617-631	5	61
256	The influence of fire history, plant species and post-fire management on soil water repellency in a Mediterranean catchment: The Mount Carmel range, Israel. <i>Catena</i> , 2017 , 149, 857-866	5.8	60
255	Agroforestry: a sustainable environmental practice for carbon sequestration under the climate change scenarios-a review. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 11177-11191	5.1	60
254	Pinus halepensis M. versus Quercus ilex subsp. Rotundifolia L. runoff and soil erosion at pedon scale under natural rainfall in Eastern Spain three decades after a forest fire. <i>Forest Ecology and Management</i> , 2017 , 400, 447-456	3.9	60
253	Yield and fruit quality of two melon cultivars irrigated with saline water at different stages of development. <i>European Journal of Agronomy</i> , 2005 , 23, 243-253	5	60
252	Wildfire effects on extractable elements in ash from a Pinus pinaster forest in Portugal. <i>Hydrological Processes</i> , 2014 , 28, 3681-3690	3.3	59
251	Comparison of machine learning models for gully erosion susceptibility mapping. <i>Geoscience Frontiers</i> , 2020 , 11, 1609-1620	6	59
250	Land subsidence modelling using tree-based machine learning algorithms. <i>Science of the Total Environment</i> , 2019 , 672, 239-252	10.2	58
249	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
248	Fire effects on soil system functioning: new insights and future challenges. <i>International Journal of Wildland Fire</i> , 2005 , 14, 339	3.2	58
247	Soil Erosion Processes in European Vineyards: A Qualitative Comparison of Rainfall Simulation Measurements in Germany, Spain and France. <i>Hydrology</i> , 2016 , 3, 6	2.8	58
246	Comparative measurements with seven rainfall simulators on uniform bare fallow land. <i>Zeitschrift für Geomorphologie</i> , 2013 , 57, 11-26	1.9	57
245	Contribution of the largest events to suspended sediment transport across the USA. <i>Land Degradation and Development</i> , 2010 , 21, 83-91	4.4	57
244	Soil erosion in sloping vineyards assessed by using botanical indicators and sediment collectors in the Ruwer-Mosel valley. <i>Agriculture, Ecosystems and Environment</i> , 2016 , 233, 158-170	5.7	56
243	Long-term erosional responses after fire in the Central Spanish Pyrenees. <i>Catena</i> , 2005 , 60, 81-100	5.8	56
242	Ant mounds as a source of sediment on citrus orchard plantations in eastern Spain. A three-scale rainfall simulation approach. <i>Catena</i> , 2011 , 85, 231-236	5.8	55
241	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

240	Development and analysis of the Soil Water Infiltration Global database. <i>Earth System Science Data</i> , 2018 , 10, 1237-1263	10.5	54
239	Modeling soil cation exchange capacity in multiple countries. <i>Catena</i> , 2017 , 158, 194-200	5.8	52
238	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
237	Effects of ants on water and soil losses from organically-managed citrus orchards in eastern Spain. <i>Biologia (Poland)</i> , 2009 , 64, 527-531	1.5	51
236	Ecohydrological adaptation of soils following land abandonment in a semi-arid environment. <i>Ecohydrology</i> , 2010 , 3, 421-430	2.5	51
235	Assessment of soil particle erodibility and sediment trapping using check dams in small semi-arid catchments. <i>Catena</i> , 2017 , 157, 227-240	5.8	50
234	Spatial prediction of soil erosion susceptibility using a fuzzy analytical network process: Application of the fuzzy decision making trial and evaluation laboratory approach. <i>Land Degradation and Development</i> , 2018 , 29, 3092-3103	4.4	50
233	The impact of fire on redistribution of soil organic matter on a mediterranean hillslope under maquia vegetation type. <i>Land Degradation and Development</i> , 2011 , 22, 530-536	4.4	49
232	Cover crop management and water conservation in vineyard and olive orchards. <i>Soil and Tillage Research</i> , 2021 , 208, 104896	6.5	49
231	Magnitude-frequency analysis of water redistribution along a climate gradient in Spain. <i>Catena</i> , 1999 , 37, 129-146	5.8	48
230	Soil Physical Quality of Citrus Orchards Under Tillage, Herbicide, and Organic Managements. <i>Pedosphere</i> , 2018 , 28, 463-477	5	48
229	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
228	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
227	FT-IR spectroscopy reveals that ash water repellency is highly dependent on ash chemical composition. <i>Catena</i> , 2013 , 108, 35-43	5.8	45
226	Spatial and temporal variations of water repellency and probability of its occurrence in calcareous Mediterranean rangeland soils affected by fires. <i>Catena</i> , 2013 , 108, 14-25	5.8	45
225	Rainfall drop size distribution in the Western Mediterranean basin, València, Spain. <i>Catena</i> , 1997 , 30, 169-182	5.8	45
224	The effect of ant mounds on overland flow and soil erodibility following a wildfire in eastern Spain. <i>Ecohydrology</i> , 2010 , 3, 392-401	2.5	44
223	The erosional response of calcareous soils along a climatological gradient in Southeast Spain. <i>Geomorphology</i> , 1998 , 24, 3-16	4.3	44

222	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
221	Vineyard Compost Supplemented with Trichoderma Harzianum T78 Improve Saline Soil Quality. <i>Land Degradation and Development</i> , 2017 , 28, 1028-1037	4.4	42
220	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
219	Catchment size and contribution of the largest daily events to suspended sediment load on a continental scale. <i>Catena</i> , 2013 , 102, 40-45	5.8	41
218	Soil physical quality changes under different management systems after 10 years in the Argentine humid pampa. <i>Solid Earth</i> , 2015 , 6, 361-371	3.3	41
217	A regional analysis of the effects of largest events on soil erosion. <i>Catena</i> , 2012 , 95, 85-90	5.8	41
216	Do conservative agriculture practices increase soil water repellency? A case study in citrus-cropped soils. <i>Soil and Tillage Research</i> , 2012 , 124, 233-239	6.5	41
215	Comparative Kinetic Study of Carrier Type in a Moving Bed System Applied to Organic Matter Removal in Urban Wastewater Treatment. <i>Water, Air, and Soil Pollution</i> , 2012 , 223, 1699-1712	2.6	40
214	A comparative study of environmental knowledge, attitudes and behaviors among university students in China. <i>International Research in Geographical and Environmental Education</i> , 2011 , 20, 91-104	1.7	40
213	Short-Term Vegetation Recovery after a Grassland Fire in Lithuania: The Effects of Fire Severity, Slope Position and Aspect. <i>Land Degradation and Development</i> , 2016 , 27, 1523-1534	4.4	40
212	Rhizosphere soil indicators for carbon sequestration in a reclaimed coal mine spoil. <i>Catena</i> , 2016 , 141, 100-108	5.8	40
211	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
210	Organic Fertilization in Traditional Mediterranean Grapevine Orchards Mediates Changes in Soil Microbial Community Structure and Enhances Soil Fertility. <i>Land Degradation and Development</i> , 2016 , 27, 1622-1628	4.4	39
209	Effectiveness of Cover Crops to Reduce Loss of Soil Organic Matter in a Rainfed Vineyard. <i>Land</i> , 2020 , 9, 230	3.5	38
208	Improving stock unearthing method to measure soil erosion rates in vineyards. <i>Ecological Indicators</i> , 2018 , 85, 509-517	5.8	38
207	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
206	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
205	WEPP calibration for improved predictions of interrill erosion in semi-arid to arid environments. <i>Geoderma</i> , 2013 , 204-205, 75-83	6.7	37

204	A review of soil carbon dynamics resulting from agricultural practices. <i>Journal of Environmental Management</i> , 2020 , 268, 110319	7.9	37
203	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
202	The role of forest fire severity on vegetation recovery after 18 years. Implications for forest management of <i>Quercus suber</i> L. in Iberian Peninsula. <i>Global and Planetary Change</i> , 2016 , 145, 11-16	4.2	36
201	Laboratory testing of Beerkan infiltration experiments for assessing the role of soil sealing on water infiltration. <i>Catena</i> , 2018 , 167, 373-384	5.8	36
200	The contrasted response of ash to wetting. <i>Geoderma</i> , 2013 , 209-210, 143-152	6.7	35
199	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
198	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
197	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
196	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
195	Developing an erodibility triangle for soil textures in semi-arid regions, NW Iran. <i>Catena</i> , 2016 , 142, 221-232	3.32	32
194	Assessing drought vulnerability and adaptation among farmers in Gadaref region, Eastern Sudan. <i>Land Use Policy</i> , 2018 , 70, 402-413	5.6	32
193	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
192	Updated Measurements in Vineyards Improves Accuracy of Soil Erosion Rates. <i>Agronomy Journal</i> , 2018 , 110, 411-417	2.2	31
191	Anthocyanins of Coloured Wheat Genotypes in Specific Response to SalStress. <i>Molecules</i> , 2018 , 23,	4.8	31
190	Connecting the public with soil to improve human health. <i>European Journal of Soil Science</i> , 2019 , 70, 898-910	3.10	31
189	Assessing land condition as a first step to achieving land degradation neutrality: A case study of the Republic of Srpska. <i>Environmental Science and Policy</i> , 2018 , 90, 19-27	6.2	31
188	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
187	Role of rock fragment cover on runoff generation and sediment yield in tilled vineyards. <i>European Journal of Soil Science</i> , 2017 , 68, 864-872	3.4	29

186	The Effect of Shallow Tillage on Soil Erosion in a Semi-Arid Vineyard. <i>Agronomy</i> , 2019 , 9, 257	3.6	29
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37	Long-Range Ecogeomorphic Processes 2014, 103-139		2
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