

JesÃ³s Rodrigo Comino

List of Publications by Year in descending order

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Version: 2024-02-01

221
papers

6,780
citations

53751

45
h-index

82499

72
g-index

232
all docs

232
docs citations

232
times ranked

5137
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluating soil quality status of fluvisols at the regional scale: A multidisciplinary approach crossing multiple variables. <i>River Research and Applications</i> , 2023, 39, 1367-1381.	0.7	8
2	Light pollution: A review of the scientific literature. <i>Infrastructure Asset Management</i> , 2023, 10, 367-392.	1.2	16
3	Desertification and Degradation Risks vs Poverty: A Key Topic in Mediterranean Europe. <i>Cuadernos De Investigacion Geografica</i> , 2022, 48, 23-40.	0.6	11
4	Topographical features and soil erosion processes. , 2022, , 117-126.		0
5	Improving the spatial prediction of soil organic carbon using environmental covariates selection: A comparison of a group of environmental covariates. <i>Catena</i> , 2022, 208, 105723.	2.2	82
6	Spatial prediction of soil surface properties in an arid region using synthetic soil image and machine learning. <i>Geocarto International</i> , 2022, 37, 8230-8253.	1.7	27
7	Spatial variability of soil quality within management zones: Homogeneity and purity of delineated zones. <i>Catena</i> , 2022, 209, 105835.	2.2	12
8	A Comparison of Model Averaging Techniques to Predict the Spatial Distribution of Soil Properties. <i>Remote Sensing</i> , 2022, 14, 472.	1.8	18
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	Land-use changes and precipitation cycles to understand hydrodynamic responses in semiarid Mediterranean karstic watersheds. <i>Science of the Total Environment</i> , 2022, 819, 153182.	3.9	14
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	Relevance of Integrated Air, Soil and Water Research Studies for the New Millennia. <i>Air, Soil and Water Research</i> , 2022, 15, 117862212210862.	1.2	1
14	Mediterranean Europe, a Fragile Landscape: Metropolitan Growth and Urban Sprawl. <i>Springer Geography</i> , 2022, , 75-103.	0.3	0
15	Preserving Land Quality in European Metropolis. <i>Springer Geography</i> , 2022, , 131-153.	0.3	0
16	Land Quality and Sustainable Urban Forms. <i>Springer Geography</i> , 2022, , .	0.3	0
17	Assessment of Soil Redistribution Following Land Rehabilitation with an Apple Orchard in Hilly Regions of Central Iran. <i>Agronomy</i> , 2022, 12, 451.	1.3	7
18	Assessing Variation of Soil Quality in Agroecosystem in an Arid Environment Using Digital Soil Mapping. <i>Agronomy</i> , 2022, 12, 578.	1.3	6

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19	Mapping Potential Toxic Elements in Agricultural and Natural Soils of the Piedemonte Llanero in Colombia. <i>Water, Air, and Soil Pollution</i> , 2022, 233, 1.	1.1	2
20	Sostenibilidad de los cultivos subtropicales: claves para el manejo del suelo, el uso agrícola y la Ordenación del Territorio. <i>Cuadernos Geograficos</i> , 2022, 61, 150-167.	0.3	7
21	Transforming 2D Radar Remote Sensor Information from a UAV into a 3D World-View. <i>Remote Sensing</i> , 2022, 14, 1633.	1.8	1
22	Soil losses due to leek and groundnut root crop harvesting: An unstudied regional problem in Turkey. <i>Land Degradation and Development</i> , 2022, 33, 1799-1809.	1.8	3
23	A comparative analysis of data mining techniques for agricultural and hydrological drought prediction in the eastern Mediterranean. <i>Computers and Electronics in Agriculture</i> , 2022, 197, 106925.	3.7	18
24	Digital mapping of soil texture classes for efficient land management in the Piedmont plain of Iran. <i>Soil Use and Management</i> , 2022, 38, 1705-1735.	2.6	17
25	Designing grazing susceptibility to land degradation index (GSLDI) in hilly areas. <i>Scientific Reports</i> , 2022, 12, .	1.6	4
26	Spatial-temporal heterogeneity of environmental factors and ecosystem functions in farmland shelterbelt systems in desert oasis ecotones. <i>Agricultural Water Management</i> , 2022, 271, 107790.	2.4	3
27	Multiple surface runoff and soil loss responses by sandstone morphologies to land-use and precipitation regimes changes in the Loess Plateau, China. <i>Catena</i> , 2022, 217, 106477.	2.2	37
28	Replacing chemical fertilizers with organic and biological ones in transition to organic farming systems in saffron (<i>Crocus sativus</i>) cultivation. <i>Chemosphere</i> , 2022, 307, 135537.	4.2	10
29	Impacts of rainstorms on soil erosion and organic matter for different cover crop systems in the western coast agricultural region of Syria. <i>Soil Use and Management</i> , 2021, 37, 196-213.	2.6	29
30	Determining the potential impacts of fire and different land uses on splash erosion in the margins of drylands. <i>Journal of Arid Environments</i> , 2021, 186, 104419.	1.2	10
31	Assessment of the nutritional value of <i>Gundelia tournefortii</i> during its growth stages as a key element in the Senowbar rangeland ecosystem, Northeast of Iran. <i>International Journal of Environmental Science and Technology</i> , 2021, 18, 1731-1738.	1.8	1
32	Challenges to improve rainfall-runoff study on experimental field plots. , 2021, , 223-236.		0
33	Geomorphological precipitation as a key element in the modeling of the landscapes. , 2021, , 85-105.		0
34	Estimation of SPEI Meteorological Drought Using Machine Learning Algorithms. <i>IEEE Access</i> , 2021, 9, 65503-65523.	2.6	76
35	Precipitation: a regional geographic topic with numerous challenges. , 2021, , 1-18.		0
36	The impact of traditional land use management on soil quality in Northeastern Himalayas (India). <i>Geographia Polonica</i> , 2021, 94, 91-109.	0.3	4

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37	Vineyards Assessed Under a Biophysical Approach: Findings From the Biohydrology and TERRAenVISION Meetings. <i>Air, Soil and Water Research</i> , 2021, 14, 117862212098581.	1.2	0
38	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
39	Soil Degradation and Socioeconomic Systems™ Complexity: Uncovering the Latent Nexus. <i>Land</i> , 2021, 10, 30.	1.2	5
40	Rainfall simulation experiments as a tool for process research in soil science, hydrology, and geomorphology. , 2021, , 395-418.		2
41	Analyzing Regional Geographic Challenges: The Resilience of Chinese Vineyards to Land Degradation Using a Societal and Biophysical Approach. <i>Land</i> , 2021, 10, 227.	1.2	6
42	High-to-Low (Regional) Fertility Transitions in a Peripheral European Country: The Contribution of Exploratory Time Series Analysis. <i>Data</i> , 2021, 6, 19.	1.2	1
43	Suburban Fertility and Metropolitan Cycles: Insights from European Cities. <i>Sustainability</i> , 2021, 13, 2181.	1.6	5
44	Preliminary Effects of Crop Residue Management on Soil Quality and Crop Production under Different Soil Management Regimes in Corn-Wheat Rotation Systems. <i>Agronomy</i> , 2021, 11, 302.	1.3	27
45	Regional Farmers™ Perception and Societal Issues in Vineyards Affected by High Erosion Rates. <i>Land</i> , 2021, 10, 205.	1.2	20
46	Uncovering the Role of Biophysical Factors and Socioeconomic Forces Shaping Soil Sensitivity to Degradation: Insights from Italy. <i>Soil Systems</i> , 2021, 5, 11.	1.0	5
47	CMIP5 climate projections and RUSLE-based soil erosion assessment in the central part of Iran. <i>Scientific Reports</i> , 2021, 11, 7273.	1.6	42
48	Evaluation of multi-hazard map produced using MaxEnt machine learning technique. <i>Scientific Reports</i> , 2021, 11, 6496.	1.6	63
49	Are Cities Truly Dispersed? A Long-Term Analysis of Vertical Profile of Settlements in Athens™ Metropolitan Region. <i>Sustainability</i> , 2021, 13, 3365.	1.6	1
50	A Regional Geography Approach to Understanding the Environmental Changes as a Consequence of the COVID-19 Lockdown in Highly Populated Spanish Cities. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 2912.	1.3	3
51	Assessment of drainage network analysis methods to rank sediment yield hotspots. <i>Hydrological Sciences Journal</i> , 2021, 66, 904-918.	1.2	7
52	Climate Aridity and the Geographical Shift of Olive Trees in a Mediterranean Northern Region. <i>Climate</i> , 2021, 9, 64.	1.2	10
53	Impacts of oak deforestation and rainfed cultivation on soil redistribution processes across hillslopes using 137Cs techniques. <i>Forest Ecosystems</i> , 2021, 8, .	1.3	16
54	Assessment of the interpretability of data mining for the spatial modelling of water erosion using game theory. <i>Catena</i> , 2021, 200, 105178.	2.2	37

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55	Heavy metal uptake by plants from wastewater of different pulp concentrations and contaminated soils. <i>Journal of Cleaner Production</i> , 2021, 296, 126345.	4.6	25
56	Sand drift potential impacts within desert railway corridors: a case study of the Sarakhs-Mashhad railway line. <i>Arabian Journal of Geosciences</i> , 2021, 14, 1.	0.6	4
57	Impact of roof rain water harvesting of runoff capture and household consumption. <i>Environmental Science and Pollution Research</i> , 2021, 28, 49529-49540.	2.7	6
58	Soil erosion modelling: A bibliometric analysis. <i>Environmental Research</i> , 2021, 197, 111087.	3.7	78
59	Long-term changes in rainfed olive production, rainfall and farmer's income in Bailón (Jaén, Spain). <i>Euro-Mediterranean Journal for Environmental Integration</i> , 2021, 6, 1.	0.6	13
60	Earthworm Abundance Changes Depending on Soil Management Practices in Slovenian Vineyards. <i>Agronomy</i> , 2021, 11, 1241.	1.3	4
61	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
62	Impact of Climate Change on Eye Diseases and Associated Economical Costs. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 7197.	1.2	13
63	Understanding the effect of shifting cultivation practice (slash-burn-cultivation-abandonment) on soil physicochemical properties in the North-eastern Himalayan region. <i>Investigaciones Geográficas</i> , 2021, , 243.	0.3	1
64	Soil erosion modelling: A global review and statistical analysis. <i>Science of the Total Environment</i> , 2021, 780, 146494.	3.9	261
65	Assessing previous land-vegetation productivity relationships on mountainous areas hosting coming Winter Olympics Games in 2022. <i>Science of the Total Environment</i> , 2021, 788, 147870.	3.9	8
66	Soil and water losses along the cultivation cycle of onion in Irati, Brazil. <i>Catena</i> , 2021, 204, 105439.	2.2	0
67	Factors determining the soil available water during the last two decades (1997–2019) in southern Spain. <i>Arabian Journal of Geosciences</i> , 2021, 14, 1.	0.6	4
68	Surface roughness effects on soil loss rate in complex hillslopes under laboratory conditions. <i>Catena</i> , 2021, 206, 105503.	2.2	3
69	2021: The New Normal and the Air, Soil and Water Research Perspective. <i>Air, Soil and Water Research</i> , 2021, 14, 117862212098831.	1.2	0
70	Impacts of land-use changes on soil fertility in Okomu Forest Reserve, Southern Nigeria. <i>Land Degradation and Development</i> , 2021, 32, 2130-2142.	1.8	5
71	Desertification of Iran in the early twenty-first century: assessment using climate and vegetation indices. <i>Scientific Reports</i> , 2021, 11, 20548.	1.6	20
72	Assessing vegetation community distribution characteristics and succession stages in mountainous areas hosting coming Winter Olympics Games. <i>Journal of Mountain Science</i> , 2021, 18, 2870-2887.	0.8	5

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73	Predicting Soil Cation Exchange Capacity in Entisols with Divergent Textural Classes: The Case of Northern Sudan Soils. <i>Air, Soil and Water Research</i> , 2021, 14, 117862212110423.	1.2	4
74	Assessment of heavy-metal pollution in three different Indian water bodies by combination of multivariate analysis and water pollution indices. <i>Human and Ecological Risk Assessment (HERA)</i> , 2020, 26, 1-16.	1.7	131
75	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.	1.0	44
76	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.	1.8	44
77	Assessing the effects of deforestation and intensive agriculture on the soil quality through digital soil mapping. <i>Geoderma</i> , 2020, 363, 114139.	2.3	99
78	Integrating <i>in situ</i> measurements of an index of connectivity to assess soil erosion processes in vineyards. <i>Hydrological Sciences Journal</i> , 2020, 65, 671-679.	1.2	6
79	A comparison of different solarisation systems and their impacts on soil thermal characteristics: an application in cultivated soils close to Baghdad, a highly populated city in Iraq. <i>Environmental Monitoring and Assessment</i> , 2020, 192, 13.	1.3	4
80	Conventional and digital soil mapping in Iran: Past, present, and future. <i>Catena</i> , 2020, 188, 104424.	2.2	94
81	Using hydrological connectivity to detect transitions and degradation thresholds: Applications to dryland systems. <i>Catena</i> , 2020, 186, 104354.	2.2	60
82	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.	0.6	14
83	Evaluation of soil erosion and sediment deposition rates by the ¹³⁷ Cs fingerprinting technique at different hillslope positions on a catchment. <i>Environmental Monitoring and Assessment</i> , 2020, 192, 717.	1.3	12
84	Estimating Human Impacts on Soil Erosion Considering Different Hillslope Inclinations and Land Uses in the Coastal Region of Syria. <i>Water (Switzerland)</i> , 2020, 12, 2786.	1.2	34
85	The Use of Straw Mulches to Mitigate Soil Erosion under Different Antecedent Soil Moistures. <i>Water (Switzerland)</i> , 2020, 12, 2518.	1.2	10
86	Integration of PCA and Fuzzy Clustering for Delineation of Soil Management Zones and Cost-Efficiency Analysis in a Citrus Plantation. <i>Sustainability</i> , 2020, 12, 5809.	1.6	20
87	Quantifying Soil Compaction in Persimmon Orchards Using ISUM (Improved Stock Unearthing Method) and Core Sampling Methods. <i>Agriculture (Switzerland)</i> , 2020, 10, 266.	1.4	14
88	Assessing the hydrological effects of land-use changes on a catchment using the Markov chain and WetSpa models. <i>Hydrological Sciences Journal</i> , 2020, 65, 2604-2615.	1.2	13
89	Prediction of factors affecting activation of soil erosion by mathematical modeling at pedon scale under laboratory conditions. <i>Scientific Reports</i> , 2020, 10, 20163.	1.6	22
90	In-Between "Smart" Urban Growth and "Sluggish" Rural Development? Reframing Population Dynamics in Greece, 1940-2019. <i>Sustainability</i> , 2020, 12, 6165.	1.6	10

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91	A New Decade in <i>Air, Soil and Water Research</i>: New Challenges and Environmental Issues to Be Discussed. <i>Air, Soil and Water Research</i> , 2020, 13, 117862212091653.	1.2	0
92	Population Trends and Urbanization: Simulating Density Effects Using a Local Regression Approach. <i>ISPRS International Journal of Geo-Information</i> , 2020, 9, 454.	1.4	14
93	Controller for a Low-Altitude Fixed-Wing UAV on an Embedded System to Assess Specific Environmental Conditions. <i>International Journal of Aerospace Engineering</i> , 2020, 2020, 1-10.	0.5	5
94	Automotive Radar in a UAV to Assess Earth Surface Processes and Land Responses. <i>Sensors</i> , 2020, 20, 4463.	2.1	7
95	Soil Science Challenges in a New Era: A Transdisciplinary Overview of Relevant Topics. <i>Air, Soil and Water Research</i> , 2020, 13, 117862212097749.	1.2	69
96	<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
97	Finding Possible Weakness in the Runoff Simulation Experiments to Assess Rill Erosion Changes without Non-Intermittent Surveying Capabilities. <i>Sensors</i> , 2020, 20, 6254.	2.1	1
98	Revisiting the Environmental Kuznets Curve: The Spatial Interaction between Economy and Territory. <i>Economies</i> , 2020, 8, 74.	1.2	23
99	Biomagnetic monitoring of atmospheric heavy metal pollution using pine needles: the case study of Isfahan, Iran. <i>Environmental Science and Pollution Research</i> , 2020, 27, 31555-31566.	2.7	16
100	Spatial Variability of Rainfed Wheat Production Under the Influence of Topography and Soil Properties in Loess-Derived Soils, Northern Iran. <i>International Journal of Plant Production</i> , 2020, 14, 597-608.	1.0	19
101	The Performance of the DES Sensor for Estimating Soil Bulk Density under the Effect of Different Agronomic Practices. <i>Geosciences (Switzerland)</i> , 2020, 10, 117.	1.0	4
102	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
103	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
104	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
105	Effects of solarisation on soil thermal-physical properties under different soil treatments: A review. <i>Geoderma</i> , 2020, 363, 114137.	2.3	23
106	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
107	Anthropogenic Disturbances and Precipitation Affect Karst Sediment Discharge in the Nandong Underground River System in Yunnan, Southwest China. <i>Sustainability</i> , 2020, 12, 3006.	1.6	11
108	Soil Hydrology for a Sustainable Land Management: Theory and Practice. <i>Water (Switzerland)</i> , 2020, 12, 1109.	1.2	2

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109	The Effect of Hydrology on Soil Erosion. <i>Water (Switzerland)</i> , 2020, 12, 839.	1.2	3
110	Using fuzzy-AHP and parametric technique to assess soil fertility status in Northeast of Iran. <i>Journal of Mountain Science</i> , 2020, 17, 931-948.	0.8	24
111	Estimating Soil Available Phosphorus Content through Coupled Wavelet-Data-Driven Models. <i>Sustainability</i> , 2020, 12, 2150.	1.6	10
112	Land management impacts on soil properties and initial soil erosion processes in olives and vegetable crops. <i>Journal of Hydrology and Hydromechanics</i> , 2020, 68, 328-337.	0.7	16
113	Soil Erosion as an Environmental Concern ... for Everyone?. <i>Proceedings (mdpi)</i> , 2020, 30, .	0.2	1
114	Developing scoring functions to assess soil quality at a regional scale in rangelands of SW Spain. <i>Revista Brasileira De Ciencia Do Solo</i> , 2020, 44, .	0.5	1
115	Reseña de Key Concepts in Geomorphology. <i>Cuadernos Geograficos</i> , 2020, 60, 318-320.	0.3	0
116	Global evaluation of heavy metal content in surface water bodies: A meta-analysis using heavy metal pollution indices and multivariate statistical analyses. <i>Chemosphere</i> , 2019, 236, 124364.	4.2	475
117	Comparative Analysis of Splash Erosion Devices for Rainfall Simulation Experiments: A Laboratory Study. <i>Water (Switzerland)</i> , 2019, 11, 1228.	1.2	27
118	Assessment of pollution in roadside soils by using multivariate statistical techniques and contamination indices. <i>SN Applied Sciences</i> , 2019, 1, 1.	1.5	19
119	Detailed assessment of spatial and temporal variations in river channel changes and meander evolution as a preliminary work for effective floodplain management. The example of Sajó River, Hungary. <i>Journal of Environmental Management</i> , 2019, 248, 109277.	3.8	21
120	Effects of Applying Liquid Swine Manure on Soil Quality and Yield Production in Tropical Soybean Crops (Paraná, Brazil). <i>Sustainability</i> , 2019, 11, 3898.	1.6	20
121	Spatial variability of soil roughness in persimmon plantations: A new combined ISUM (improved stock) Tj ETQq1 1 0.784314 rrgBT /Ov 2.6 16	2.6	16
122	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.	1.3	7
123	Potential Benefits of Polymers in Soil Erosion Control for Agronomical Plans: A Laboratory Experiment. <i>Agronomy</i> , 2019, 9, 276.	1.3	21
124	Land use change effects on soil quality and biological fertility: A case study in northern Iran. <i>European Journal of Soil Biology</i> , 2019, 95, 103119.	1.4	36
125	Impact of Farmland Abandonment on Water Resources and Soil Conservation in Citrus Plantations in Eastern Spain. <i>Water (Switzerland)</i> , 2019, 11, 824.	1.2	48
126	Determining the spatial distribution of soil properties using the environmental covariates and multivariate statistical analysis: a case study in semi-arid regions of Iran. <i>Journal of Arid Land</i> , 2019, 11, 551-566.	0.9	31

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127	Determining Land Management Zones Using Pedo-Geomorphological Factors in Potential Degraded Regions to Achieve Land Degradation Neutrality. <i>Land</i> , 2019, 8, 92.	1.2	14
128	Ten Years of Air, Soil, and Water Research. <i>Air, Soil and Water Research</i> , 2019, 12, 117862211983412.	1.2	1
129	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.	3.7	21
130	Analysis of Weather-Type-Induced Soil Erosion in Cultivated and Poorly Managed Abandoned Sloping Vineyards in the Axarquía Region (Málaga, Spain). <i>Air, Soil and Water Research</i> , 2019, 12, 117862211983940.	1.2	30
131	Contrasted Impact of Land Abandonment on Soil Erosion in Mediterranean Agriculture Fields. <i>Pedosphere</i> , 2019, 29, 258.	2.1	0
132	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.	2.3	49
133	Dynamics of Runoff and Soil Erosion on Abandoned Steep Vineyards in the Mosel Area, Germany. <i>Water (Switzerland)</i> , 2019, 11, 2596.	1.2	10
134	On-Site Water and Wind Erosion Experiments Reveal Relative Impact on Total Soil Erosion. <i>Geosciences (Switzerland)</i> , 2019, 9, 478.	1.0	20
135	Effects of Roughness Coefficients and Complex Hillslope Morphology on Runoff Variables under Laboratory Conditions. <i>Water (Switzerland)</i> , 2019, 11, 2550.	1.2	9
136	How Important Is the Number of Points and Plot Size for Estimating Soil Erosion in Vineyards?. <i>Proceedings (mdpi)</i> , 2019, 30, .	0.2	0
137	Land Management Impacts on Soil Water Erosion and Loss of Nutrients. <i>Proceedings (mdpi)</i> , 2019, 30, .	0.2	1
138	The Use of Analysis of Weather Types to Complete the Studies of Soil Erosion in Vineyards and Abandoned Areas. <i>Proceedings (mdpi)</i> , 2019, 30, .	0.2	0
139	Challenges and Opportunities Facing Light Pollution: Smart Light-Hub Interreg. <i>Proceedings (mdpi)</i> , 2019, 30, 63.	0.2	0
140	Proposing a Novel Predictive Technique for Gully Erosion Susceptibility Mapping in Arid and Semi-arid Regions (Iran). <i>Remote Sensing</i> , 2019, 11, 2577.	1.8	49
141	Effect of Wheat Straw as a Cover Crop on the Chlorophyll, Seed, and Oilseed Yield of <i>Trigonella foenum graecum</i> L under Water Deficiency and Weed Competition. <i>Plants</i> , 2019, 8, 503.	1.6	5
142	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
143	The increase of rainfall erosivity and initial soil erosion processes due to rainfall acidification. <i>Hydrological Processes</i> , 2019, 33, 261-270.	1.1	24
144	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

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145	A wind tunnel experiment to investigate the effect of polyvinyl acetate, biochar, and bentonite on wind erosion control. Archives of Agronomy and Soil Science, 2019, 65, 1049-1062.	1.3	24
146	Connecting the public with soil to improve human health. European Journal of Soil Science, 2019, 70, 898-910.	1.8	45
147	Disaggregating and updating a legacy soil map using DSMART, fuzzy c-means and k-means clustering algorithms in Central Iran. Geoderma, 2019, 340, 249-258.	2.3	35
148	Rainfall-simulated quantification of initial soil erosion processes in sloping and poorly maintained terraced vineyards - Key issues for sustainable management systems. Science of the Total Environment, 2019, 660, 1047-1057.	3.9	26
149	Real cover crops contribution to soil organic carbon sequestration in sloping vineyard. Science of the Total Environment, 2019, 652, 300-306.	3.9	77
150	A new digital electromechanical system for measurement of soil bulk density. Computers and Electronics in Agriculture, 2019, 156, 227-242.	3.7	5
151	Digital mapping of soil properties using multiple machine learning in a semi-arid region, central Iran. Geoderma, 2019, 338, 445-452.	2.3	208
152	The use of multivariate statistical analysis and soil quality indices as tools to be included in regional management plans. A case study from the Mashhad Plain, Iran. Cuadernos De Investigacion Geografica, 2019, 45, 687.	0.6	13
153	Long-term organic farming on a citrus plantation results in soil organic carbon recovery. Cuadernos De Investigacion Geografica, 2019, 45, 271-286.	0.6	61
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