

# Manuel E Lucas-Borja

## List of Publications by Year in descending order

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168  
papers

4,492  
citations

126907

33  
h-index

161849

54  
g-index

177  
all docs

177  
docs citations

177  
times ranked

4608  
citing authors

#	ARTICLE	IF	CITATIONS
1	Soil erosion modelling: A global review and statistical analysis. <i>Science of the Total Environment</i> , 2021, 780, 146494.	8.0	261
2	The database of the <sc>PREDICTS</sc> (Projecting Responses of Ecological Diversity In Changing Tj ETQq0 0 0 rgBT /Overlock 10 T	1.9	186
3	The <sc>PREDICTS</sc> database: a global database of how local terrestrial biodiversity responds to human impacts. <i>Ecology and Evolution</i> , 2014, 4, 4701-4735.	1.9	178
4	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(Pinus) Tj ETQq0 0 0 rgBT /Overlock 10 T	8.0	92
5	The use of check dams in watershed management projects: Examples from around the world. <i>Science of the Total Environment</i> , 2019, 676, 683-691.	8.0	92
6	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.	8.0	91
7	The impact of fire on soil-dwelling biota: A review. <i>Forest Ecology and Management</i> , 2021, 488, 118989.	3.2	91
8	Effects of land use and seasonality on stream water quality in a small tropical catchment: The headwater of CÃ³rego Ãgua Limpa, SÃ£o Paulo (Brazil). <i>Science of the Total Environment</i> , 2018, 622-623, 1553-1561.	8.0	90
9	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.	3.6	86
10	Soil microbiological properties and enzymatic activities of long-term post-fire recovery in dry and semiarid Aleppo pine (&lt;i>Pinus halepensis&lt;/i> M.) forest stands. <i>Solid Earth</i> , 2015, 6, 243-252.	2.8	83
11	Soil erosion modelling: A bibliometric analysis. <i>Environmental Research</i> , 2021, 197, 111087.	7.5	78
12	Soil microbial community structure and activity in monospecific and mixed forest stands, under Mediterranean humid conditions. <i>Plant and Soil</i> , 2012, 354, 359-370.	3.7	77
13	<i>Pinus halepensis</i> M. versus <i>Quercus ilex</i> subsp. <i>Rotundifolia</i> 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.	3.2	76
14	Drivers of seedling establishment success in dryland restoration efforts. <i>Nature Ecology and Evolution</i> , 2021, 5, 1283-1290.	7.8	75
15	Thinning and recovery effects on soil properties in two sites of a Mediterranean forest, in Cuenca Mountain (South-eastern of Spain). <i>Forest Ecology and Management</i> , 2013, 308, 223-230.	3.2	72
16	Plant diversity and soil stoichiometry regulates the changes in multifunctionality during pine temperate forest secondary succession. <i>Science of the Total Environment</i> , 2019, 697, 134204.	8.0	62
17	Assessing climateâ€“growth relationships under contrasting stands of co-occurring Iberian pines along an altitudinal gradient. <i>Forest Ecology and Management</i> , 2012, 274, 48-57.	3.2	61
18	Evaluating the effects of check dams on channel geometry, bed sediment size and riparian vegetation in Mediterranean mountain torrents. <i>Science of the Total Environment</i> , 2018, 642, 327-340.	8.0	55

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19	Reproducing reproduction: How to simulate mast seeding in forest models. <i>Ecological Modelling</i> , 2018, 376, 40-53.	2.5	53
20	Spatial patterns of sediment connectivity in terraced lands: Anthropogenic controls of catchment sensitivity. <i>Land Degradation and Development</i> , 2018, 29, 1198-1210.	3.9	53
21	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.	3.5	50
22	Genetic Diversity of <i>Pinus nigra</i> Arn. Populations in Southern Spain and Northern Morocco Revealed By Inter-Simple Sequence Repeat Profiles. <i>International Journal of Molecular Sciences</i> , 2012, 13, 5645-5658.	4.1	48
23	Check dams worldwide: Objectives, functions, effectiveness and undesired effects. <i>Catena</i> , 2021, 204, 105390.	5.0	48
24	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.	2.7	45
25	The effects of human trampling on the microbiological properties of soil and vegetation in mediterranean mountain areas. <i>Land Degradation and Development</i> , 2011, 22, 383-394.	3.9	44
26	Natural regeneration in Iberian pines: A review of dynamic processes and proposals for management. <i>Forest Systems</i> , 2017, 26, eR02S.	0.3	44
27	Changes in soil water repellency after prescribed burnings in three different Mediterranean forest ecosystems. <i>Science of the Total Environment</i> , 2018, 644, 247-255.	8.0	43
28	Improvement of seasonal runoff and soil loss predictions by the MMF (Morgan-Morgan-Finney) model after wildfire and soil treatment in Mediterranean forest ecosystems. <i>Catena</i> , 2020, 188, 104415.	5.0	43
29	Influence of forest stand age on soil water repellency and hydraulic conductivity in the Mediterranean environment. <i>Science of the Total Environment</i> , 2021, 753, 142006.	8.0	40
30	Effects of land use and sampling distance on water quality in tropical headwater springs (Pimenta) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	8.0	39
31	Immediate fire-induced changes in soil microbial community composition in an outdoor experimental controlled system. <i>Science of the Total Environment</i> , 2019, 696, 134033.	8.0	37
32	Nutrient, metal contents and microbiological properties of litter and soil along a tree age gradient in Mediterranean forest ecosystems. <i>Science of the Total Environment</i> , 2019, 650, 749-758.	8.0	37
33	Short-term effects of prescribed burning in Mediterranean pine plantations on surface runoff, soil erosion and water quality of runoff. <i>Science of the Total Environment</i> , 2019, 674, 615-622.	8.0	36
34	Assessment of riparian vegetation characteristics in Mediterranean headwaters regulated by check dams using multivariate statistical techniques. <i>Science of the Total Environment</i> , 2019, 657, 597-607.	8.0	36
35	Predicting the hydrological response of a forest after wildfire and soil treatments using an Artificial Neural Network. <i>Computers and Electronics in Agriculture</i> , 2020, 170, 105280.	7.7	36
36	Altitude-related factors but not <i>Pinus</i> community exert a dominant role over chemical and microbiological properties of a Mediterranean humid soil. <i>European Journal of Soil Science</i> , 2012, 63, 541-549.	3.9	35

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37	Temporal characterisation of soil-plant natural recovery related to fire severity in burned <i>Pinus halepensis</i> Mill. forests. <i>Science of the Total Environment</i> , 2018, 640-641, 42-51.	8.0	35
38	Effects of post-fire hillslope stabilisation techniques on chemical, physico-chemical and microbiological soil properties in mediterranean forest ecosystems. <i>Journal of Environmental Management</i> , 2019, 246, 229-238.	7.8	35
39	Effects of Thinning and Induced Drought on Microbiological Soil Properties and Plant Species Diversity at Dry and Semi-arid Locations. <i>Land Degradation and Development</i> , 2016, 27, 1151-1162.	3.9	34
40	Incidence and risk factors for post-traumatic stress disorder in a population affected by a severe flood. <i>Public Health</i> , 2017, 144, 96-102.	2.9	34
41	Forest productivity in southwestern Europe is controlled by coupled North Atlantic and Atlantic Multidecadal Oscillations. <i>Nature Communications</i> , 2017, 8, 2222.	12.8	33
42	Changes in soil hydraulic conductivity after prescribed fires in Mediterranean pine forests. <i>Journal of Environmental Management</i> , 2019, 232, 1021-1027.	7.8	33
43	Effects of wildfire and logging on soil functionality in the short-term in <i>Pinus halepensis</i> M. forests. <i>European Journal of Forest Research</i> , 2020, 139, 935-945.	2.5	33
44	Microbial diversity regulates ecosystem multifunctionality during natural secondary succession. <i>Journal of Applied Ecology</i> , 2021, 58, 2833-2842.	4.0	33
45	Short-term effects of olive mill wastewater application on the hydrological and physico-chemical properties of a loamy soil. <i>Agricultural Water Management</i> , 2019, 221, 312-321.	5.6	32
46	The role of plant species on runoff and soil erosion in a Mediterranean shrubland. <i>Science of the Total Environment</i> , 2021, 799, 149218.	8.0	32
47	Modelling Spanish black pine seedling emergence: Establishing management strategies for endangered forest areas. <i>Forest Ecology and Management</i> , 2011, 262, 195-202.	3.2	31
48	The burn severity and plant recovery relationship affect the biological and chemical soil properties of <i>Pinus halepensis</i> Mill. stands in the short and mid-terms after wildfire. <i>Journal of Environmental Management</i> , 2019, 235, 250-256.	7.8	31
49	Water Infiltration after Prescribed Fire and Soil Mulching with Fern in Mediterranean Forests. <i>Hydrology</i> , 2021, 8, 95.	3.0	31
50	Influence of the soil storage method on soil enzymatic activities. <i>Forest Systems</i> , 2011, 20, 379.	0.3	31
51	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 MÃ©xico. <i>Ecological Engineering</i> , 2018, 122, 39-47.	3.6	30
52	Assessing and Modeling Soil Detachment Capacity by Overland Flow in Forest and Woodland of Northern Iran. <i>Forests</i> , 2020, 11, 65.	2.1	30
53	Long-term effects of two organic amendments on bacterial communities of calcareous mediterranean soils degraded by mining. <i>Journal of Environmental Management</i> , 2020, 271, 110920.	7.8	30
54	Natural regeneration of Spanish black pine [ <i>Pinus nigra</i> Arn. ssp. <i>salzmannii</i> (Dunal) Franco] at contrasting altitudes in a Mediterranean mountain area. <i>Ecological Research</i> , 2012, 27, 913-921.	1.5	29

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55	<i>Pinus nigra</i> Arn. ssp. <i>salzmannii</i> seedling recruitment is affected by stand basal area, shrub cover and climate interactions. <i>Annals of Forest Science</i> , 2016, 73, 649-656.	2.0	29
56	Changes in ecosystem properties after post-fire management strategies in wildfire-affected Mediterranean forests. <i>Journal of Applied Ecology</i> , 2021, 58, 836-846.	4.0	28
57	Does the recruitment pattern of Spanish black pine ( <i>Pinus nigra</i> Arn ssp. <i>salzmannii</i> ) change the regeneration niche over the early life cycle of individuals?. <i>Forest Ecology and Management</i> , 2012, 284, 93-99.	3.2	27
58	Changes in Soil Quality and Hydrological Connectivity Caused by the Abandonment of Terraces in a Mediterranean Burned Catchment. <i>Forests</i> , 2017, 8, 333.	2.1	27
59	Soil quality and mesofauna diversity relationship are modulated by woody species and seasonality in semiarid oak forest. <i>Forest Ecology and Management</i> , 2020, 473, 118332.	3.2	27
60	Stem Biomass Production of <i>Paulownia elongata</i> – <i>P. fortunei</i> under Low Irrigation in a Semi-Arid Environment. <i>Forests</i> , 2014, 5, 2505-2520.	2.1	26
61	Interactions between climate, growth and seed production in Spanish black pine ( <i>Pinus nigra</i> Arn. ssp.) <i>Tj ETQq1 1 0.784314 rrgBT /Over</i>	1.7	26
62	Simulating the hydrological response of a small tropical forest watershed (Mata Atlantica, Brazil) by the AnnAGNPS model. <i>Science of the Total Environment</i> , 2018, 636, 737-750.	8.0	26
63	Change of soil K, N and P following forest restoration in rock outcrop rich karst area. <i>Catena</i> , 2020, 186, 104395.	5.0	26
64	Forest fire effects on sediment connectivity in headwater sub-catchments: Evaluation of indices performance. <i>Science of the Total Environment</i> , 2020, 732, 139206.	8.0	26
65	Effect of biocrusts on bacterial community composition at different soil depths in Mediterranean semi-arid ecosystems. <i>Science of the Total Environment</i> , 2020, 733, 138613.	8.0	26
66	Modeling the Soil Response to Rainstorms after Wildfire and Prescribed Fire in Mediterranean Forests. <i>Climate</i> , 2020, 8, 150.	2.8	25
67	Effects of stand composition and soil properties on water repellency and hydraulic conductivity in Mediterranean forests. <i>Ecohydrology</i> , 2021, 14, e2276.	2.4	24
68	Influence of forest cover and herbaceous vegetation on the microbiological and biochemical properties of soil under Mediterranean humid climate. <i>European Journal of Soil Biology</i> , 2010, 46, 273-279.	3.2	23
69	Effects of prescribed burning, vegetation treatment and seed predation on natural regeneration of Spanish black pine ( <i>Pinus nigra</i> Arn. ssp. <i>salzmannii</i> ) in pure and mixed forest stands. <i>Forest Ecology and Management</i> , 2016, 378, 24-30.	3.2	23
70	Soil Respiration Changes after Prescribed Fires in Spanish Black Pine ( <i>Pinus nigra</i> Arn. ssp. <i>salzmannii</i> ) Monospecific and Mixed Forest Stands. <i>Forests</i> , 2017, 8, 248.	2.1	23
71	Lack of local adaptation to the establishment conditions limits assisted migration to adapt drought-prone <i>Pinus nigra</i> populations to climate change. <i>Forest Ecology and Management</i> , 2018, 409, 719-728.	3.2	23
72	Cyanobacteria as a Nature-Based Biotechnological Tool for Restoring Salt-Affected Soils. <i>Agronomy</i> , 2020, 10, 1321.	3.0	23

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73	Modelling Spanish black pine postdispersal seed predation in Central-eastern Spain. <i>Forest Systems</i> , 2010, 19, 393.	0.3	23
74	Microbial activity in soils under fast-growing Paulownia ( <i>Paulownia elongata</i> x <i>fortunei</i> ) plantations in Mediterranean areas. <i>Applied Soil Ecology</i> , 2011, 51, 42-51.	4.3	21
75	Short-term changes in soil functionality after wildfire and straw mulching in a <i>Pinus halepensis</i> M. forest. <i>Forest Ecology and Management</i> , 2020, 457, 117700.	3.2	20
76	Influence of crops on soil properties in agricultural lands of northern Iran. <i>Science of the Total Environment</i> , 2020, 711, 134694.	8.0	20
77	Integrating preferences and social values for ecosystem services in local ecological management: A framework applied in Xiaojiang Basin Yunnan province, China. <i>Land Use Policy</i> , 2020, 91, 104339.	5.6	19
78	Divergent vertical distributions of microbial biomass with soil depth among groups and land uses. <i>Journal of Environmental Management</i> , 2021, 292, 112755.	7.8	19
79	Prescribed fire and soil mulching with fern in Mediterranean forests: Effects on surface runoff and erosion. <i>Ecological Engineering</i> , 2022, 176, 106537.	3.6	19
80	Plant species and season influence soil physicochemical properties and microbial function in a semi-arid woodland ecosystem. <i>Plant and Soil</i> , 2020, 456, 43-59.	3.7	18
81	Nature restoration shifts the abundance and structure of soil nematode communities in subtropical forests. <i>Plant and Soil</i> , 2022, 471, 315-327.	3.7	18
82	The role of wildfire on soil quality in abandoned terraces of three Mediterranean micro-catchments. <i>Catena</i> , 2018, 170, 246-256.	5.0	17
83	Regeneration of three pine species in a Mediterranean forest: A study to test predictions from species distribution models under changing climates. <i>Science of the Total Environment</i> , 2017, 584-585, 78-87.	8.0	16
84	Impacts of land-use and climate changes on surface runoff in a tropical forest watershed (Brazil). <i>Hydrological Sciences Journal</i> , 2020, 65, 1956-1973.	2.6	16
85	Effects of plant species on soil quality in natural and planted areas of a forest park in northern Iran. <i>Science of the Total Environment</i> , 2021, 778, 146310.	8.0	16
86	Ajuste de metodologÍas para evaluar severidad de quemado en zonas semiÁridas (SE peninsular): incendio Donceles 2012. <i>Revista De Teledeteccion</i> , 2017, , 103.	0.6	16
87	Structure of old-growth and managed stands and growth of old trees in a Mediterranean <i>Pinus nigra</i> forest in southern Spain. <i>Forestry</i> , 2016, 89, 201-207.	2.3	15
88	Burning season and vegetation coverage influenced the community-level physiological profile of Mediterranean mixed-mesogean pine forest soils. <i>Journal of Environmental Management</i> , 2021, 277, 111405.	7.8	15
89	Short-Term Changes in Erosion Dynamics and Quality of Soils Affected by a Wildfire and Mulched with Straw in a Mediterranean Forest. <i>Soil Systems</i> , 2021, 5, 40.	2.6	15
90	Biomass growth simulations in a natural mixed forest stand under different thinning intensities by 3-PG process-based model. <i>European Journal of Forest Research</i> , 2015, 134, 167-185.	2.5	14

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91	Predation on Early Recruitment in Mediterranean Forests after Prescribed Fires. <i>Forests</i> , 2017, 8, 243.	2.1	14
92	Composite low thinning and slash burning treatment enhances initial Spanish black pine seedling recruitment. <i>Forest Ecology and Management</i> , 2019, 433, 1-12.	3.2	14
93	Efficiency of postfire hillslope management strategies: Gaps of knowledge. <i>Current Opinion in Environmental Science and Health</i> , 2021, 21, 100247.	4.1	14
94	Temporal effects of post-fire check dam construction on soil functionality in SE Spain. <i>Science of the Total Environment</i> , 2018, 642, 117-124.	8.0	13
95	Prescribed fire effects on early recruitment of Mediterranean pine species depend on fire exposure and seed provenance. <i>Forest Ecology and Management</i> , 2019, 441, 253-261.	3.2	13
96	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.	2.1	13
97	Post-wildfire straw mulching and salvage logging affects initial pine seedling density and growth in two Mediterranean contrasting climatic areas in Spain. <i>Forest Ecology and Management</i> , 2020, 474, 118363.	3.2	13
98	Long term forest management drives drought resilience in Mediterranean black pine forest. <i>Trees - Structure and Function</i> , 2021, 35, 1651-1662.	1.9	13
99	Comparison of Satellite and Drone-Based Images at Two Spatial Scales to Evaluate Vegetation Regeneration after Post-Fire Treatments in a Mediterranean Forest. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 5423.	2.5	13
100	Soil amendments from recycled waste differently affect CO <sub>2</sub> , soil emissions in restored mining soils under semiarid conditions. <i>Journal of Environmental Management</i> , 2021, 294, 112894.	7.8	13
101	Environmental and ecological factors influencing soil functionality of biologically crusted soils by different lichen species in drylands. <i>Science of the Total Environment</i> , 2021, 794, 148491.	8.0	13
102	Experimental site and season over-control the effect of <i>Pinus halepensis</i> in microbiological properties of soils under semiarid and dry conditions. <i>Journal of Arid Environments</i> , 2015, 116, 44-52.	2.4	12
103	Early Mediterranean pine recruitment in burned and unburned <i>Pinus nigra</i> Arn. ssp. <i>salzmannii</i> stands of central Spain: Influence of species identity, provenances and post-dispersal predation. <i>Forest Ecology and Management</i> , 2017, 390, 203-211.	3.2	12
104	Effects of Skidding Operations after Tree Harvesting and Soil Scarification by Felled Trees on Initial Seedling Emergence of Spanish Black Pine ( <i>Pinus nigra</i> Arn. ssp. <i>salzmannii</i> ). <i>Forests</i> , 2020, 11, 767.	2.1	12
105	Short-term effects of olive oil mill wastewater application on soil water repellency. <i>Agricultural Water Management</i> , 2021, 244, 106563.	5.6	12
106	Evaluating the effects of forest tree species on rill detachment capacity in a semi-arid environment. <i>Ecological Engineering</i> , 2021, 161, 106158.	3.6	12
107	Hydromulch roots reduce rill detachment capacity by overland flow in deforested hillslopes. <i>Journal of Hydrology</i> , 2021, 598, 126272.	5.4	12
108	Variability of rill detachment capacity with sediment size, water depth and soil slope in forest soils: A flume experiment. <i>Journal of Hydrology</i> , 2021, 601, 126625.	5.4	12



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109	Plants, soil properties and microbes directly and positively drive ecosystem multifunctionality in a plantation chronosequence. <i>Land Degradation and Development</i> , 2022, 33, 3049-3057.	3.9	12
110	Effects of woodland maturity, vegetation cover and season on enzymatic and microbial activity in thermophilic Spanish Juniper woodlands ( <i>Juniperus thurifera</i> L.) of southern Spain. <i>European Journal of Soil Science</i> , 2012, 63, 579-591.	3.9	11
111	The use of check dams for soil restoration at watershed level: A century of history and perspectives. <i>Science of the Total Environment</i> , 2019, 692, 37-38.	8.0	11
112	Rill Erosion and Soil Quality in Forest and Deforested Ecosystems with Different Morphological Characteristics. <i>Resources</i> , 2020, 9, 129.	3.5	11
113	Effects of post-fire mulching with straw and wood chips on soil hydrology in pine forests under Mediterranean conditions. <i>Ecological Engineering</i> , 2022, 182, 106720.	3.6	11
114	Understorey biodiversity supports multiple ecosystem services in mature Mediterranean forests. <i>Soil Biology and Biochemistry</i> , 2022, 172, 108774.	8.8	11
115	Evaluation of fire recurrence effect on genetic diversity in maritime pine ( <i>Pinus pinaster</i> Ait.) stands using Inter-Simple Sequence Repeat profiles. <i>Science of the Total Environment</i> , 2016, 572, 1322-1328.	8.0	10
116	Assessing Tree Drought Resistance and Climate-Growth Relationships under Different Tree Age Classes in a <i>Pinus nigra</i> Arn. ssp. <i>salzmannii</i> Forest. <i>Forests</i> , 2021, 12, 1161.	2.1	10
117	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.	2.5	10
118	Changes in the structure and composition of two <i>Pinus nigra</i> subsp. <i>salzmannii</i> forests over a century of different silvicultural treatments. <i>Forest Systems</i> , 2011, 20, 525.	0.3	10
119	Changes in soil functionality eight years after fire and post-fire hillslope stabilisation in Mediterranean forest ecosystems. <i>Geoderma</i> , 2022, 409, 115603.	5.1	10
120	Short-term changes in soil properties after prescribed fire and mulching with fern in Mediterranean forests. <i>Journal of Forestry Research</i> , 0, , 1.	3.6	10
121	Analyzing the Performances of Water User Associations to Increase the Irrigation Sustainability: An Application of Multivariate Statistics to a Case Study in Italy. <i>Sustainability</i> , 2020, 12, 6327.	3.2	9
122	Benefits of applying organic amendments from recycled wastes for fungal community growth in restored soils of a limestone quarry in a semiarid environment. <i>Science of the Total Environment</i> , 2022, 806, 151226.	8.0	9
123	Short-term hydrological response of soil after wildfire in a semi-arid landscape covered by <i>Macrochloa tenacissima</i> (L.) Kunth. <i>Journal of Arid Environments</i> , 2022, 198, 104702.	2.4	9
124	Climate Change and Forest Natural Regeneration in Mediterranean Mountain Areas. <i>Journal of Forest Research: Open Access</i> , 2014, 03, .	0.0	8
125	Post-fire restoration with contour-felled log debris increases early recruitment of Spanish black pine ( <i>Pinus nigra</i> Arn. ssp. <i>salzmannii</i> ) in Mediterranean forests. <i>Restoration Ecology</i> , 2021, 29, e13338.	2.9	8
126	The Use of Unmanned Aerial Vehicles (UAVs) for Estimating Soil Volumes Retained by Check Dams after Wildfires in Mediterranean Forests. <i>Soil Systems</i> , 2021, 5, 9.	2.6	8



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127	Secondary succession and parent material drive soil bacterial community composition in terraced abandoned olive groves from a Mediterranean hyper-humid mountainous area. <i>Agriculture, Ecosystems and Environment</i> , 2022, 332, 107932.	5.3	8
128	Functional trait variation and community-weighted means of tree traits can alter soil microbial biomass and community composition. <i>Soil Biology and Biochemistry</i> , 2022, 170, 108715.	8.8	8
129	Regeneration of <i>Pinus pinaster</i> Aiton after prescribed fires: Response to burn timing and biogeographical seed provenance across a climatic gradient. <i>Science of the Total Environment</i> , 2018, 637-638, 1550-1558.	8.0	7
130	Exploring and Modeling the Short-Term Influence of Soil Properties and Covers on Hydrology of Mediterranean Forests after Prescribed Fire and Mulching. <i>Hydrology</i> , 2022, 9, 21.	3.0	7
131	Seed Origin and Protection Are Important Factors Affecting Post-Fire Initial Recruitment in Pine Forest Areas. <i>Forests</i> , 2017, 8, 185.	2.1	6
132	Short-term effects of postfire check-dam construction on ephemeral stream vegetation in a semiarid climate of SE Spain. <i>Science of the Total Environment</i> , 2019, 671, 776-785.	8.0	6
133	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.	2.6	6
134	Afforestation with <i>Pinus nigra</i> Arn ssp <i>salzmannii</i> along an elevation gradient: controlling factors and implications for climate change adaptation. <i>Trees - Structure and Function</i> , 2022, 36, 93-102.	1.9	6
135	Diverging consequences of past forest management on plant and soil attributes in ancient oak forests of southwestern Iran. <i>Forest Ecology and Management</i> , 2021, 494, 119360.	3.2	6
136	Limited contribution of post-fire eco-engineering techniques to support post-fire plant diversity. <i>Science of the Total Environment</i> , 2022, 815, 152894.	8.0	6
137	Post-fire restoration effectiveness using two soil preparation techniques and different shrubs species in pine forests of South-Eastern Spain. <i>Ecological Engineering</i> , 2022, 178, 106579.	3.6	6
138	Fire Damage to the Soil Bacterial Structure and Function Depends on Burn Severity: Experimental Burnings at a Lysimetric Facility (MedForECOtron). <i>Forests</i> , 2022, 13, 1118.	2.1	6
139	<i>Pinus nigra</i> Arn. ssp <i>salzmannii</i> early recruitment and initial seedling growth in warmer and drier locations: the role of seed and soil provenance. <i>Plant Ecology</i> , 2017, 218, 761-772.	1.6	5
140	ESTIMATIVA DE PERDAS DE SOLO E DO POTENCIAL NATURAL DE EROSÃO DA BACIA DE CONTRIBUIÇÃO DA MICROCENTRAL HIDRELÉTRICA DO LAGEADO, BOTUCATU - SP. <i>Energia Na Agricultura</i> , 2015, 30, 302.	0.1	5
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