Jan Jacob Keizer

List of Publications by Year
in descending order

148	5,642	57758	110387
papers	citations	44 h-index	64 g-index

181	181	181	5075
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A review of rainfall interception modelling. Journal of Hydrology, 2009, 370, 191-206.	5.4	299
2	Impacts of climate and land use changes on the hydrological and erosion processes of two contrasting Mediterranean catchments. Science of the Total Environment, 2015, 538, 64-77.	8.0	166
3	The influence of biochar particle size and concentration on bulk density and maximum water holding capacity of sandy vs sandy loam soil in a column experiment. Geoderma, 2019, 347, 194-202.	5.1	142
4	Does soil burn severity affect the post-fire runoff and interrill erosion response? A review based on meta-analysis of field rainfall simulation data. Journal of Hydrology, 2015, 523, 452-464.	5.4	131
5	Extraction of compounds associated with water repellency in sandy soils of different origin. Soil Research, 2005, 43, 225.	1.1	130
6	Effectiveness of forest residue mulching in reducing post-fire runoff and erosion in a pine and a eucalypt plantation in north-central Portugal. Geoderma, 2012, 191, 115-124.	5.1	130
7	Biochar effects on soil water infiltration and erosion under seal formation conditions: rainfall simulation experiment. Journal of Soils and Sediments, 2016, 16, 2709-2719.	3.0	104
8	Major and trace elements in soils and ashes of eucalypt and pine forest plantations in Portugal following a wildfire. Science of the Total Environment, 2016, 572, 1363-1376.	8.0	104
9	Temporal variation in topsoil water repellency in two recently burnt eucalypt stands in north-central Portugal. Catena, 2008, 74, 192-204.	5.0	101
10	Soil and water degradation processes in burned areas: Lessons learned from a nested approach. Catena, 2008, 74, 273-285.	5.0	100
11	Effectiveness of Hydromulching to Reduce Runoff and Erosion in a Recently Burnt Pine Plantation in Central Portugal. Land Degradation and Development, 2016, 27, 1319-1333.	3.9	94
12	Polyacrylamide application versus forest residue mulching for reducing post-fire runoff and soil erosion. Science of the Total Environment, 2014, 468-469, 464-474.	8.0	91
13	The kinetic energy of rain measured with an optical disdrometer: An application to splash erosion. Atmospheric Research, 2010, 96, 225-240.	4.1	86
14	Impacts of climate change on reservoir water availability, quality and irrigation needs in a water scarce Mediterranean region (southern Portugal). Science of the Total Environment, 2020, 736, 139477.	8.0	79
15	Mid-term and scaling effects of forest residue mulching on post-fire runoff and soil erosion. Science of the Total Environment, 2016, 573, 1242-1254.	8.0	78
16	Assessment of the toxicity of ash-loaded runoff from a recently burnt eucalypt plantation. European Journal of Forest Research, 2012, 131, 1889-1903.	2.5	73
17	Toxicity assessment of aqueous extracts of ash from forest fires. Catena, 2015, 135, 401-408.	5.0	70
18	Modeling the response of within-storm runoff and erosion dynamics to climate change in two Mediterranean watersheds: A multi-model, multi-scale approach to scenario design and analysis. Catena, 2013, 102, 27-39.	5.0	68

#	Article	IF	Citations
19	The handbook for standardized field and laboratory measurements in terrestrial climate change experiments and observational studies (ClimEx). Methods in Ecology and Evolution, 2020, 11, 22-37.	5.2	68
20	Effects of wildfire and laboratory heating on soil aggregate stability of pine forests in Galicia: The role of lithology, soil organic matter content and water repellency. Catena, 2010, 83, 127-134.	5.0	66
21	Characterization of wildfire effects on soil organic matter using analytical pyrolysis. Geoderma, 2012, 191, 24-30.	5.1	65
22	Runoff, sediment and nutrient exports from a Mediterranean vineyard under integrated production: An experiment at plot scale. Agriculture, Ecosystems and Environment, 2018, 256, 184-193.	5.3	64
23	Predicting the effectiveness of different mulching techniques in reducing post-fire runoff and erosion at plot scale with the RUSLE, MMF and PESERA models. Environmental Research, 2018, 165, 365-378.	7.5	64
24	Influence of burning intensity on water repellency and hydrological processes at forest and shrub sites in Portugal. Soil Research, 2005, 43, 327.	1.1	63
25	Natural establishment of Eucalyptus globulus Labill. in burnt stands in Portugal. Forest Ecology and Management, 2014, 323, 47-56.	3.2	63
26	Impacts of climate and land use changes on the water quality of a small Mediterranean catchment with intensive viticulture. Environmental Pollution, 2017, 224, 454-465.	7.5	62
27	Short-term effects of post-fire salvage logging on runoff and soil erosion. Forest Ecology and Management, 2017, 400, 555-567.	3.2	62
28	Assessing water contamination risk from vegetation fires: Challenges, opportunities and a framework for progress. Hydrological Processes, 2018, 32, 687-694.	2.6	60
29	Physicallyâ€Based Modelling of the Postâ€Fire Runoff Response of a Forest Catchment in Central Portugal: Using Field versus Remote Sensing Based Estimates of Vegetation Recovery. Land Degradation and Development, 2016, 27, 1535-1544.	3.9	59
30	Effectiveness of the application of rice straw mulching strips in reducing runoff and soil loss: Laboratory soil flume experiments under simulated rainfall. Soil and Tillage Research, 2018, 180, 238-249.	5.6	59
31	Hydrologic Implications of Postâ€Fire Mulching Across Different Spatial Scales. Land Degradation and Development, 2016, 27, 1440-1452.	3.9	56
32	Overland flow generation processes, erosion yields and solute loss following different intensity fires. Quarterly Journal of Engineering Geology and Hydrogeology, 2004, 37, 233-240.	1.4	53
33	Fire severity as a key factor in post-fire regeneration of Pinus pinaster (Ait.) in Central Portugal. Annals of Forest Science, 2012, 69, 489-498.	2.0	53
34	Post-fire overland flow generation and inter-rill erosion under simulated rainfall in two eucalypt stands in north-central Portugal. Environmental Research, 2011, 111, 222-236.	7.5	52
35	Wildfire effects on the soil seed bank of a maritime pine stand â€" The importance of fire severity. Geoderma, 2012, 191, 80-88.	5.1	52
36	Effects of wildfire on mercury mobilisation in eucalypt and pine forests. Catena, 2015, 131, 149-159.	5.0	52

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37	Runoff and inter-rill erosion in a Maritime Pine and a Eucalypt plantation following wildfire and terracing in north-central Portugal. Journal of Hydrology and Hydromechanics, 2013, 61, 261-268.	2.0	50
38	Soil Water Repellency Dynamics in Pine and Eucalypt Plantations in Portugal â€“ A Highâ€resolution Time Series. Land Degradation and Development, 2016, 27, 1334-1343.	3.9	50
39	Assessing the role of pre-fire ground preparation operations and soil water repellency in post-fire runoff and inter-rill erosion by repeated rainfall simulation experiments in Portuguese eucalypt plantations. Catena, 2013, 108, 69-83.	5.0	49
40	The effectiveness of two contrasting mulch application rates to reduce post-fire erosion in a Portuguese eucalypt plantation. Catena, 2018, 169, 21-30.	5.0	49
41	Elemental Composition of Natural Nanoparticles and Fine Colloids in European Forest Stream Waters and Their Role as Phosphorus Carriers. Global Biogeochemical Cycles, 2017, 31, 1592-1607.	4.9	48
42	The role of soil water repellency in overland flow generation in pine and eucalypt forest stands in coastal Portugal. Soil Research, 2005, 43, 337.	1.1	47
43	Wildfire effects on soil erodibility of woodlands in NW Spain. Land Degradation and Development, 2010, 21, 75-82.	3.9	47
44	Temporal and spatial variations in topsoil water repellency throughout a cropâ€rotation cycle on sandy soil in northâ€central Portugal. Hydrological Processes, 2007, 21, 2317-2324.	2.6	46
45	Fire-induced pine woodland to shrubland transitions in Southern Europe may promote shifts in soil fertility. Science of the Total Environment, 2016, 573, 1232-1241.	8.0	46
46	Combined impacts of climate and socio-economic scenarios on irrigation water availability for a dry Mediterranean reservoir. Science of the Total Environment, 2017, 584-585, 219-233.	8.0	46
47	Afforestation, Subsequent Forest Fires and Provision of Hydrological Services: A Modelâ€Based Analysis for a Mediterranean Mountainous Catchment. Land Degradation and Development, 2018, 29, 776-788.	3.9	46
48	Effect of fire frequency on runoff, soil erosion, and loss of organic matter at the micro-plot scale in north-central Portugal. Geoderma, 2016, 269, 126-137.	5.1	45
49	Sensitivity of runoff and soil erosion to climate change in two Mediterranean watersheds. Part II: assessing impacts from changes in storm rainfall, soil moisture and vegetation cover. Hydrological Processes, 2009, 23, 1212-1220.	2.6	44
50	Modelling runoff and erosion, and their mitigation, in burned Portuguese forest using the revised Morganâ€“Morganâ€“Finney model. Forest Ecology and Management, 2014, 314, 150-165.	3.2	44
51	Potential risk of biochar-amended soil to aquatic systems: an evaluation based on aquatic bioassays. Ecotoxicology, 2014, 23, 1784-1793.	2.4	42
52	Strategies to prevent forest fires and techniques to reverse degradation processes in burned areas. Catena, 2015, 128, 224-237.	5.0	42
53	Combining digital soil mapping and hydrological modeling in a data scarce watershed in north-central Portugal. Geoderma, 2016, 264, 350-362.	5.1	40
54	Off-site impacts of wildfires on aquatic systems â€” Biomarker responses of the mosquitofish Gambusia holbrooki. Science of the Total Environment, 2017, 581-582, 305-313.	8.0	40

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55	Runoff and Interâ€Rill Erosion Affected by Wildfire and Preâ€Fire Ploughing in Eucalypt Plantations of Northâ€Central Portugal. Land Degradation and Development, 2016, 27, 1366-1378.	3.9	39
56	Wildfire impacts on freshwater detrital food webs depend on runoff load, exposure time and burnt forest type. Science of the Total Environment, 2019, 692, 691-700.	8.0	38
57	A ranking methodology for assessing relative erosion risk and its application todehesas andmontados in Spain and Portugal. Land Degradation and Development, 2002, 13, 129-140.	3.9	37
58	Differences in overland flow, hydrophobicity and soil moisture dynamics between Mediterranean woodland types in a peri-urban catchment in Portugal. Journal of Hydrology, 2016, 533, 473-485.	5.4	36
59	Forest fires as potential triggers for production and mobilization of polycyclic aromatic hydrocarbons to the terrestrial ecosystem. Land Degradation and Development, 2019, 30, 2360-2370.	3.9	36
60	The impact of soil water repellency on soil hydrological and erosional processes under Eucalyptus and evergreen Quercus forests in the Western Mediterranean. Soil Research, 2005, 43, 309.	1.1	35
61	Time series analysis of the long-term hydrologic impacts of afforestation in the Ãgueda watershed of north-central Portugal. Hydrology and Earth System Sciences, 2015, 19, 3033-3045.	4.9	34
62	Molecular characterization of wildfire impacts on organic matter in eroded sediments and topsoil in Mediterranean eucalypt stands. Catena, 2015, 135, 29-37.	5.0	34
63	Influence of wildfire severity on soil physical degradation in two pine forest stands of NW Spain. Catena, 2015, 133, 342-348.	5.0	34
64	Soil water repellency under dry and wet antecedent weather conditions for selected land-cover types in the coastal zone of central Portugal. Soil Research, 2005, 43, 297.	1.1	34
65	Sensitivity of runoff and soil erosion to climate change in two Mediterranean watersheds. Part I: model parameterization and evaluation. Hydrological Processes, 2009, 23, 1202-1211.	2.6	33
66	Hydrological and Erosion Processes in Terraced Fields: Observations from a Humid Mediterranean Region in Northern Portugal. Land Degradation and Development, 2018, 29, 596-606.	3.9	33
67	Reductions in soil surface albedo as a function of biochar application rate: implications for global radiative forcing. Environmental Research Letters, 2013, 8, 044008.	5.2	32
68	Soil Water Repellency Severity and its Spatioâ€Temporal Variation in Burnt Eucalypt Plantations in Northâ€Central Portugal. Land Degradation and Development, 2016, 27, 1463-1478.	3.9	32
69	Runoff and soil erosion mitigation with sieved forest residue mulch strips under controlled laboratory conditions. Forest Ecology and Management, 2017, 396, 102-112.	3.2	32
70	Key factors controlling the post-fire hydrological and erosive response at micro-plot scale in a recently burned Mediterranean forest. Geomorphology, 2018, 319, 161-173.	2.6	32
71	Effect of moss crusts on mitigation of post-fire soil erosion. Ecological Engineering, 2019, 128, 9-17.	3.6	31
72	What is wrong with postâ€fire soil erosion modelling? A metaâ€analysis on current approaches, research gaps, and future directions. Earth Surface Processes and Landforms, 2021, 46, 205-219.	2.5	31

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73	Projecting Future Impacts of Global Change Including Fires on Soil Erosion to Anticipate Better Land Management in the Forests of NW Portugal. Water (Switzerland), 2019, 11, 2617.	2.7	30
74	The role of tree stem proximity in the spatial variability of soil water repellency in a eucalypt plantation in coastal Portugal. Soil Research, 2005, 43, 251.	1.1	29
75	Annual runoff and erosion in a recently burn Mediterranean forest â€“ The effects of plowing and time-since-fire. Geomorphology, 2016, 270, 172-183.	2.6	29
76	Postâ€fire soil erosion mitigation at the scale of swales using forest logging residues at a reduced application rate. Earth Surface Processes and Landforms, 2019, 44, 2837-2848.	2.5	29
77	Influence of biochar particle size on biota responses. Ecotoxicology and Environmental Safety, 2019, 174, 120-128.	6.0	28
78	Cation export by overland flow in a recently burnt forest area in north-central Portugal. Science of the Total Environment, 2015, 524-525, 201-212.	8.0	26
79	Effects of ash-loaded post-fire runoff on the freshwater clam Corbicula fluminea. Ecological Engineering, 2016, 90, 180-189.	3.6	26
80	Effects of fire occurrence and recurrence on nitrogen and phosphorus losses by overland flow in maritime pine plantations in north-central Portugal. Geoderma, 2017, 289, 97-106.	5.1	26
81	Occurrence of native and exotic invasive trees in burned pine and eucalypt plantations: Implications for post-fire forest conversion. Ecological Engineering, 2013, 58, 296-302.	3.6	25
82	Water Resources Response to Changes in Temperature, Rainfall and CO2 Concentration: A First Approach in NW Spain. Water (Switzerland), 2014, 6, 3049-3067.	2.7	25
83	Water repellency of air-dried and sieved samples from limestone soils in central Portugal collected before and after prescribed fire. Plant and Soil, 2015, 394, 199-214.	3.7	25
84	Potential Impact of Climate Change on Suspended Sediment Yield in NW Spain: A Case Study on the Corbeira Catchment. Water (Switzerland), 2016, 8, 444.	2.7	25
85	Short-time phosphorus losses by overland flow in burnt pine and eucalypt plantations in north-central Portugal: A study at micro-plot scale. Science of the Total Environment, 2016, 551-552, 631-639.	8.0	24
86	Effects of moisture content on wind erosion thresholds of biochar. Atmospheric Environment, 2015, 123, 121-128.	4.1	23
87	Combined effect of copper sulfate and water temperature on key freshwater trophic levels â€“ Approaching potential climatic change scenarios. Ecotoxicology and Environmental Safety, 2018, 148, 384-392.	6.0	23
88	Competitive sorption of metals in water repellent soils: Implications for irrigation recycled water. Soil Research, 2005, 43, 351.	1.1	21
89	Design and performance assessment of a plastic optical fibre-based sensor for measuring water turbidity. Measurement Science and Technology, 2010, 21, 107001.	2.6	21
90	Post-fire plant diversity and abundance in pine and eucalypt stands in Portugal: Effects of biogeography, topography, forest type and post-fire management. Forest Ecology and Management, 2014, 334, 154-162.	3.2	21

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91	Wildfireâ€induced alterations of topsoil organic matter and their recovery in <scp>M</scp>editerranean eucalypt stands detected with biogeochemical markers. European Journal of Soil Science, 2015, 66, 699-713.	3.9	21
92	Assessment of river water quality using an integrated physicochemical, biological and ecotoxicological approach. Environmental Sciences: Processes and Impacts, 2014, 16, 1434.	3.5	20
93	A simple water balance model adapted for soil water repellency: application on Portuguese burned and unburned eucalypt stands. Hydrological Processes, 2016, 30, 463-478.	2.6	20
94	Comparing topsoil charcoal, ash, and stone cover effects on the postfire hydrologic and erosive response under laboratory conditions. Land Degradation and Development, 2018, 29, 2102-2111.	3.9	20
95	Short-term nitrogen losses by overland flow in a recently burnt forest area in north-central Portugal: A study at micro-plot scale. Science of the Total Environment, 2016, 572, 1281-1288.	8.0	19
96	Water repellency reduces soil CO2 efflux upon rewetting. Science of the Total Environment, 2020, 708, 135014.	8.0	19
97	Effects of fire recurrence and different salvage logging techniques on carbon storage in Pinus pinaster forests from northern Portugal. European Journal of Forest Research, 2016, 135, 1107-1117.	2.5	18
98	Physiological response to drought in seedlings of Pistacia lentiscus (mastic tree). New Forests, 2016, 47, 119-130.	1.7	18
99	Biochemical and functional responses of stream invertebrate shredders to post-wildfire contamination. Environmental Pollution, 2020, 267, 115433.	7.5	18
100	Effectiveness of Nature-Based Solutions on Pluvial Flood Hazard Mitigation: The Case Study of the City of Eindhoven (The Netherlands). Resources, 2021, 10, 24.	3.5	18
101	Surface and subsurface flow in eucalyptus plantations in north-central Portugal. Journal of Hydrology and Hydromechanics, 2015, 63, 193-200.	2.0	17
102	Mulching-induced preservation of soil organic matter quality in a burnt eucalypt plantation in central Portugal. Journal of Environmental Management, 2019, 231, 1135-1144.	7.8	17
103	Post-fire soil erosion mitigation: a review of the last research and techniques developed in Portugal. Cuadernos De Investigacion Geografica, 2014, 40, 403-428.	1.1	17
104	The role of seed provenance in the early development of Arbutus unedo seedlings under contrasting watering conditions. Environmental and Experimental Botany, 2013, 96, 11-19.	4.2	16
105	Biomonitoring tools for biochar and biochar-compost amended soil under viticulture: Looking at exposure and effects. Applied Soil Ecology, 2019, 137, 120-128.	4.3	16
106	Assessing soil water repellency spatial variability using a thermographic technique: An exploratory study using a small-scale laboratory soil flume. Geoderma, 2017, 287, 98-104.	5.1	15
107	Assessment of the indirect impact of wildfire (severity) on actual evapotranspiration in eucalyptus forest based on the surface energy balance estimated from remote-sensing techniques. International Journal of Remote Sensing, 2018, 39, 6499-6524.	2.9	15
108	Effects of post-fire contamination in sediment-dwelling species of riverine systems. Science of the Total Environment, 2021, 771, 144813.	8.0	15

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109	Spatial patterns of surface water quality in the CÃ©rtima River basin, central Portugal. Journal of Environmental Monitoring, 2010, 12, 189-199.	2.1	14
110	Helping stakeholders select and apply appraisal tools to mitigate soil threats: Researchersâ€™ experiences from across Europe. Journal of Environmental Management, 2020, 257, 110005.	7.8	14
111	Mid-term post-fire losses of nitrogen and phosphorus by overland flow in two contrasting eucalypt stands in north-central Portugal. Science of the Total Environment, 2020, 705, 135843.	8.0	14
112	Within-in flume sediment deposition in a forested catchment following wildfire and post-fire bench terracing, north-central Portugal. Cuadernos De Investigacion Geografica, 2015, 41, 149-164.	1.1	14
113	Feeding inhibition following in-situ and laboratory exposure as an indicator of ecotoxic impacts of wildfires in affected waterbodies. Aquatic Toxicology, 2020, 227, 105587.	4.0	13
114	Impacts of wildfire and postâ€fire land management on hydrological and sediment processes in a humid Mediterranean headwater catchment. Hydrological Processes, 2020, 34, 5210-5228.	2.6	13
115	Concise overview of European soil erosion research and evaluation. Acta Agriculturae Scandinavica - Section B Soil and Plant Science, 2012, 62, 185-190.	0.6	12
116	Germination in five shrub species of Maritime Pine understoryâ€”does seed provenance matter?. Annals of Forest Science, 2012, 69, 499-507.	2.0	12
117	Developing generalized parameters for post-fire erosion risk assessment using the revised Morgan-Morgan-Finney model: A test for north-central Portuguese pine stands. Catena, 2018, 165, 358-368.	5.0	12
118	Do wildfire and slope aspect affect soil water repellency in eucalypt plantations? â€“ A two-year high resolution temporal dataset. Catena, 2020, 189, 104471.	5.0	12
119	Effects of ploughing and mulching on soil and organic matter losses after a wildfire in Central Portugal. Cuadernos De Investigacion Geografica, 2020, 46, 303-318.	1.1	11
120	Soil properties, phosphorus fractions and sorption after wildfire in north-central Portugal. Geoderma Regional, 2015, 5, 86-95.	2.1	10
121	Fire effects on the seed bank of three Mediterranean shrubs: implications for fire management. Plant Ecology, 2016, 217, 1235-1246.	1.6	10
122	How does land management contribute to the resilience of Mediterranean forests and rangelands? A participatory assessment. Land Degradation and Development, 2018, 29, 3721-3735.	3.9	10
123	Wildfire effects on two freshwater producers: Combining in-situ and laboratory bioassays. Ecotoxicology and Environmental Safety, 2020, 194, 110361.	6.0	10
124	Cytotoxic effects of wildfire ashes: In-vitro responses of skin cells. Environmental Pollution, 2021, 285, 117279.	7.5	10
125	Estimating immediate post-fire carbon fluxes using the eddy-covariance technique. Biogeosciences, 2021, 18, 285-302.	3.3	10
126	Sediment Yield at Catchment Scale Using the SWAT (Soil and Water Assessment Tool) Model. Soil Science, 2016, 181, 326-334.	0.9	9

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127	Impacts of wildfires in aquatic organisms: biomarker responses and erythrocyte nuclear abnormalities in Gambusia holbrooki exposed in situ. Environmental Science and Pollution Research, 2021, 28, 51733-51744.	5.3	9
128	Advances in Understanding and Managing Catastrophic Ecosystem Shifts in Mediterranean Ecosystems. Frontiers in Ecology and Evolution, 2020, 8, .	2.2	8
129	The short-term effectiveness of surfactant seed coating and mulching treatment in reducing post-fire runoff and erosion. Geoderma, 2017, 307, 231-237.	5.1	8
130	Turbidity sensor for determination of concentration, ash presence and particle diameter of sediment suspensions. , 2011, , .		7
131	A promising new approach to estimate drought indices for fire danger assessment using remotely sensed data. Agricultural and Forest Meteorology, 2019, 274, 195-209.	4.8	7
132	Assessing the performance of a plastic optical fibre turbidity sensor for measuring post-fire erosion from plot to catchment scale. Soil, 2015, 1, 641-650.	4.9	6
133	Longâ€Term Impacts of Postâ€Fire Mulching on Groundâ€Dwelling Arthropod Communities in a Eucalypt Plantation. Land Degradation and Development, 2017, 28, 1156-1162.	3.9	6
134	Simulation of a persistent medium-term precipitation event over the western Iberian Peninsula. Hydrology and Earth System Sciences, 2013, 17, 3741-3758.	4.9	5
135	The role of cold storage and seed source in the germination of three Mediterranean shrub species with contrasting dormancy types. Annals of Forest Science, 2014, 71, 863-872.	2.0	5
136	Perspetivas de GestÃ£o PÃ³s-Fogo: RevisÃ£o da Literatura e AnÃ¡lise dos Discursos dos Agentes em Portugal. Silva Lusitana, 2020, 28, 131-154.	0.2	5
137	Splash Erosion on Terraces, Does It Make a Difference If the Terracing Is Done before or after a Fire?. Hydrology, 2021, 8, 180.	3.0	5
138	Automated biostratigraphic correlation of palynological records on the basis of shapes of pollen curves and evaluation of next-best solutions. Palaeogeography, Palaeoclimatology, Palaeoecology, 1996, 124, 17-37.	2.3	4
139	A modelling approach to evaluate land management options for recently burnt catchments. European Journal of Soil Science, 2022, 73, .	3.9	4
140	Advances towards an Integrated Assessment of Fire Effects on Soils, Vegetation and Geomorphological Processes. Land Degradation and Development, 2016, 27, 1314-1318.	3.9	3
141	Phosphorus Loss from a Mixed Land Use Catchment in Northwest Spain. Journal of Environmental Quality, 2013, 42, 1151-1158.	2.0	2
142	Optical Fiber Technology for Monitoring and Preventing Biomass Washout from Bioreactors: a Case Study with a Sequencing Batch Reactor (SBR). Water, Air, and Soil Pollution, 2015, 226, 1.	2.4	2
143	Hydrological Processes in Eucalypt and Pine Forested Headwater Catchments within Mediterranean Region. Water (Switzerland), 2021, 13, 1418.	2.7	2
144	On sustainable improvements of agricultural practices in the Bairrada region (Portugal). Environment, Development and Sustainability, 0, , 1.	5.0	2

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145	Novel approach for simultaneous sediment classification and concentration determination of water turbidity. Proceedings of SPIE, 2015, , .	0.8	1
146	Biochar Increases Water Use Efficiency in Eucalypt Plants Under Water and Nutrient Limitation, with Trade-Offs Under Non-limiting Conditions. Journal of Soil Science and Plant Nutrition, 0, , 1.	3.4	1
147	Changes of the aerodynamic characteristics of a flux site after an extensive windthrow. Biogeosciences, 2022, 19, 2235-2243.	3.3	0
148	Screening the habitat function of biochar-amended vineyard soils at field plot-scale, based on invertebrate avoidance behaviour. Applied Soil Ecology, 2022, 177, 104526.	4.3	0