Saskia Keesstra

List of Publications by Year
in descending order

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158 papers	12,098 citations	20817 60 h-index	29157 104 g-index
163 all docs	163 docs citations	163 times ranked	10473 citing authors

#	Article	IF	Citations
1	Economics of agroforestry land use system, Upper Blue Nile Basin, northwest Ethiopia. Agroforestry Systems, 2023, 97, 305-317.	2.0	9
2	Multi-step ahead soil temperature forecasting at different depths based on meteorological data: Integrating resampling algorithms and machine learning models. Pedosphere, 2023, 33, 479-495.	4.0	2
3	Identifying tree health using sentinel-2 images: a case study on Tortrix viridana L. infected oak trees in Western Iran. Geocarto International, 2022, 37, 304-314.	3.5	13
4	Sustainable futures over the next decade are rooted in soil science. European Journal of Soil Science, 2022, 73, .	3.9	19
5	Introducing â€˜Anthropocene Scienceâ€™: A New International Journal for Addressing Human Impact on the Resilience of Planet Earth. Anthropocene Science, 2022, 1, 1-4.	2.9	3
6	Examining the status of forest fire emission in 2020 and its connection to COVID-19 incidents in West Coast regions of the United States. Environmental Research, 2022, 210, 112818.	7.5	16
7	Climate Smart Regenerative Agriculture to Produce Sustainable Beauty Products: The Case Study of Snail Secretion Filtrate (LX360Â®). Sustainability, 2022, 14, 2367.	3.2	2
8	Identifying barriers for nature-based solutions in flood risk management: An interdisciplinary overview using expert community approach. Journal of Environmental Management, 2022, 310, 114725.	7.8	41
9	What Does the Circular Household of the Future Look Like? An Expert-Based Exploration. Land, 2022, 11, 1062.	2.9	3
10	Examining the effects of green revolution led agricultural expansion on net ecosystem service values in India using multiple valuation approaches. Journal of Environmental Management, 2021, 277, 111381.	7.8	18
11	Effectiveness of soil erosion barriers to reduce sediment connectivity at small basin scale in a fire-affected forest. Journal of Environmental Management, 2021, 278, 111510.	7.8	27
12	Determining the potential impacts of fire and different land uses on splash erosion in the margins of drylands. Journal of Arid Environments, 2021, 186, 104419.	2.4	10
13	Geomorphological change detection of an urban meander loop caused by an extreme flood using remote sensing and bathymetry measurements (a case study of Karoon River, Iran). Journal of Hydrology, 2021, 597, 125712.	5.4	9
14	Susceptibility to Gully Erosion: Applying Random Forest (RF) and Frequency Ratio (FR) Approaches to a Small Catchment in Ethiopia. Water (Switzerland), 2021, 13, 216.	2.7	31
15	The 3Ps (Profit, Planet, and People) of Sustainability amidst Climate Change: A South African Grape and Wine Perspective. Sustainability, 2021, 13, 2910.	3.2	11
16	Arctic wetland system dynamics under climate warming. Wiley Interdisciplinary Reviews: Water, 2021, 8, e1526.	6.5	19
17	The role of soils in regulation and provision of blue and green water. Philosophical Transactions of the Royal Society B: Biological Sciences, 2021, 376, 20200175.	4.0	45
18	Integration of hard and soft supervised machine learning for flood susceptibility mapping. Journal of Environmental Management, 2021, 291, 112731.	7.8	36

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19	Soil-derived Nature's Contributions to People and their contribution to the UN Sustainable Development Goals. Philosophical Transactions of the Royal Society B: Biological Sciences, 2021, 376, 20200185.	4.0	15
20	The role of soils in delivering Nature's Contributions to People. Philosophical Transactions of the Royal Society B: Biological Sciences, 2021, 376, 20200169.	4.0	16
21	Post-fire practices benefits on vegetation recovery and soil conservation in a Mediterranean area. Land Use Policy, 2021, 111, 105776.	5.6	6
22	Landscape-Based Visions as Powerful Boundary Objects in Spatial Planning: Lessons from Three Dutch Projects. Land, 2021, 10, 16.	2.9	15
23	Achieving Land Degradation Neutrality: A Robust Soil System Forms the Basis for Nature-Based Solutions. Land, 2021, 10, 1300.	2.9	3
24	Roadmap for the European Joint Program SOIL: Towards Climate-Smart Sustainable Management of Agricultural Soils. Proceedings (mdpi), 2020, 30, .	0.2	1
25	Time Delay Evaluation on the Water-Leaving Irradiance Retrieved from Empirical Models and Satellite Imagery. Remote Sensing, 2020, 12, 87.	4.0	2
26	Using hydrological connectivity to detect transitions and degradation thresholds: Applications to dryland systems. Catena, 2020, 186, 104354.	5.0	60
27	TERRAenVISION: Science for Society. Environmental issues today. Science of the Total Environment, 2020, 704, 135238.	8.0	3
28	Post-fire management treatment effects on soil properties and burned area restoration in a wildland-urban interface, Haifa Fire case study. Science of the Total Environment, 2020, 716, 135190.	8.0	36
29	Connectivity in hydrology and sediment dynamics. Land Degradation and Development, 2020, 31, 2525-2528.	3.9	9
30	Convolutional neural network approach for spatial prediction of flood hazard at national scale of Iran. Journal of Hydrology, 2020, 591, 125552.	5.4	87
31	Identification of Conservation Priority Zones Using Spatially Explicit Valued Ecosystem Services: A Case from the Indian Sundarbans. Integrated Environmental Assessment and Management, 2020, 16, 773-787.	2.9	11
32	A novel GIS-based ensemble technique for rangeland downward trend mapping as an ecological indicator change. Ecological Indicators, 2020, 117, 106591.	6.3	33
33	Relationship of Weather Types on the Seasonal and Spatial Variability of Rainfall, Runoff, and Sediment Yield in the Western Mediterranean Basin. Atmosphere, 2020, 11, 609.	2.3	13
34	Responses of ecosystem services to natural and anthropogenic forcings: A spatial regression based assessment in the world's largest mangrove ecosystem. Science of the Total Environment, 2020, 715, 137004.	8.0	109
35	Examining the effects of forest fire on terrestrial carbon emission and ecosystem production in India using remote sensing approaches. Science of the Total Environment, 2020, 725, 138331.	8.0	74
36	Sediment mobilization study on Cretaceous, Tertiary and Quaternary lithological formations of an external Rif catchment, Morocco. Hydrological Sciences Journal, 2020, 65, 1568-1582.	2.6	12

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37	Debrisâ€flowâ€dominated sediment transport through a channel network after wildfire. Earth Surface Processes and Landforms, 2020, 45, 1155-1167.	2.5	21
38	Impact of flight altitude and cover orientation on Digital Surface Model (DSM) accuracy for flood damage assessment in Murcia (Spain) using a fixed-wing UAV. Earth Science Informatics, 2020, 13, 391-404.	3.2	20
39	How can statistical and artificial intelligence approaches predict piping erosion susceptibility?. Science of the Total Environment, 2019, 646, 1554-1566.	8.0	46
40	Optimization of an adaptive neuro-fuzzy inference system for groundwater potential mapping. Hydrogeology Journal, 2019, 27, 2511-2534.	2.1	76
41	Evaluating landscape capacity to provide spatially explicit valued ecosystem services for sustainable coastal resource management. Ocean and Coastal Management, 2019, 182, 104918.	4.4	18
42	The Problem of Water Use in Rural Areas of Southwestern Spain: A Local Perspective. Water (Switzerland), 2019, 11, 1311.	2.7	9
43	Comparative Analysis of Splash Erosion Devices for Rainfall Simulation Experiments: A Laboratory Study. Water (Switzerland), 2019, 11, 1228.	2.7	27
44	Effects of Applying Liquid Swine Manure on Soil Quality and Yield Production in Tropical Soybean Crops (ParanÃ¡, Brazil). Sustainability, 2019, 11, 3898.	3.2	20
45	Modeling the impact of dam removal on channel evolution and sediment delivery in a multiple dam setting. International Journal of Sediment Research, 2019, 34, 537-549.	3.5	22
46	Impact of desertification on soil and plant nutrient stoichiometry in a desert grassland. Scientific Reports, 2019, 9, 9422.	3.3	30
47	Causes and Controlling Factors of Valley Bottom Gullies. Land, 2019, 8, 141.	2.9	35
48	Comparing Filtering Techniques for Removing Vegetation from UAV-Based Photogrammetric Point Clouds. Drones, 2019, 3, 61.	4.9	55
49	Multi-Hazard Exposure Mapping Using Machine Learning Techniques: A Case Study from Iran. Remote Sensing, 2019, 11, 1943.	4.0	56
50	Coupling hysteresis analysis with sediment and hydrological connectivity in three agricultural catchments in Navarre, Spain. Journal of Soils and Sediments, 2019, 19, 1598-1612.	3.0	40
51	Land-Management Options for Greenhouse Gas Removal and Their Impacts on Ecosystem Services and the Sustainable Development Goals. Annual Review of Environment and Resources, 2019, 44, 255-286.	13.4	181
52	Ecosystem service value assessment of a natural reserve region for strengthening protection and conservation. Journal of Environmental Management, 2019, 244, 208-227.	7.8	134
53	Uncertainties of prediction accuracy in shallow landslide modeling: Sample size and raster resolution. Catena, 2019, 178, 172-188.	5.0	107
54	Gully erosion susceptibility assessment and management of hazard-prone areas in India using different machine learning algorithms. Science of the Total Environment, 2019, 668, 124-138.	8.0	202

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55	Beerkan multi-runs for characterizing water infiltration and spatial variability of soil hydraulic properties across scales. Hydrological Sciences Journal, 2019, 64, 165-178.	2.6	30
56	Land subsidence hazard modeling: Machine learning to identify predictors and the role of human activities. Journal of Environmental Management, 2019, 236, 466-480.	7.8	95
57	Soil as a Basis to Create Enabling Conditions for Transitions Towards Sustainable Land Management as a Key to Achieve the SDGs by 2030. Sustainability, 2019, 11, 6792.	3.2	130
58	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. Catena, 2019, 174, 95-103.	5.0	167
59	The impact of political, socio-economic and cultural factors on implementing environment friendly techniques for sustainable land management and climate change mitigation in Romania. Science of the Total Environment, 2019, 654, 418-429.	8.0	34
60	Evaluation of watershed health using Fuzzy-ANP approach considering geo-environmental and topo-hydrological criteria. Journal of Environmental Management, 2019, 232, 22-36.	7.8	71
61	Estimating the soil respiration under different land uses using artificial neural network and linear regression models. Catena, 2019, 174, 371-382.	5.0	43
62	Effects of urbanization on river morphology of the Talar River, Mazandarn Province, Iran. Geocarto International, 2019, 34, 276-292.	3.5	29
63	Using Beerkan experiments to estimate hydraulic conductivity of a crusted loamy soil in a Mediterranean vineyard. Journal of Hydrology and Hydromechanics, 2019, 67, 191-200.	2.0	17
64	Hydrological and erosional impact and farmerâ€™s perception on catch crops and weeds in citrus organic farming in Canyoles river watershed, Eastern Spain. Agriculture, Ecosystems and Environment, 2018, 258, 49-58.	5.3	111
65	Connectivity assessment in Mediterranean vineyards using improved stock unearthing method, LiDAR and soil erosion field surveys. Earth Surface Processes and Landforms, 2018, 43, 2193-2206.	2.5	61
66	Stakeholders' perception of the relevance of water and sediment connectivity in water and land management. Land Degradation and Development, 2018, 29, 1833-1844.	3.9	18
67	No-till durum wheat yield success probability in semi arid climate: A methodological framework. Soil and Tillage Research, 2018, 181, 29-36.	5.6	14
68	Effect of soil surface roughness on infiltration water, ponding and runoff on tilled soils under rainfall simulation experiments. Soil and Tillage Research, 2018, 179, 47-53.	5.6	89
69	Effects of an extreme flood on river morphology (case study: Karoon River, Iran). Geomorphology, 2018, 304, 30-39.	2.6	56
70	Morphodynamic effects of riparian vegetation growth after stream restoration. Earth Surface Processes and Landforms, 2018, 43, 1591-1607.	2.5	26
71	Updated Measurements in Vineyards Improves Accuracy of Soil Erosion Rates. Agronomy Journal, 2018, 110, 411-417.	1.8	33
72	Changeability of reliability, resilience and vulnerability indicators with respect to drought patterns. Ecological Indicators, 2018, 87, 196-208.	6.3	52

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73	Long-term impact of rainfed agricultural land abandonment on soil erosion in the Western Mediterranean basin. Progress in Physical Geography, 2018, 42, 202-219.	3.2	99
74	Policies can help to apply successful strategies to control soil and water losses. The case of chipped pruned branches (CPB) in Mediterranean citrus plantations. Land Use Policy, 2018, 75, 734-745.	5.6	80
75	Flood susceptibility mapping using novel ensembles of adaptive neuro fuzzy inference system and metaheuristic algorithms. Science of the Total Environment, 2018, 615, 438-451.	8.0	330
76	The superior effect of nature based solutions in land management for enhancing ecosystem services. Science of the Total Environment, 2018, 610-611, 997-1009.	8.0	606
77	Spatio-temporal variation of throughfall in a hyrcanian plain forest stand in Northern Iran. Journal of Hydrology and Hydromechanics, 2018, 66, 97-106.	2.0	14
78	Effects of land preparation and plantings of vegetation on soil moisture in a hilly loess catchment in China. Land Degradation and Development, 2018, 29, 1427-1441.	3.9	40
79	Assessing drought vulnerability and adaptation among farmers in Gadaref region, Eastern Sudan. Land Use Policy, 2018, 70, 402-413.	5.6	47
80	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
81	Soil Physical Quality of Citrus Orchards Under Tillage, Herbicide, and Organic Managements. Pedosphere, 2018, 28, 463-477.	4.0	58
82	Connectivity and complex systems: learning from a multi-disciplinary perspective. Applied Network Science, 2018, 3, 11.	1.5	101
83	Soil-Related Sustainable Development Goals: Four Concepts to Make Land Degradation Neutrality and Restoration Work. Land, 2018, 7, 133.	2.9	463
84	Analysis of drought and vulnerability in the North Darfur region of Sudan. Land Degradation and Development, 2018, 29, 4424-4438.	3.9	29
85	Assessing land condition as a first step to achieving land degradation neutrality: A case study of the Republic of Srpska. Environmental Science and Policy, 2018, 90, 19-27.	4.9	49
86	Effect of soil management on soil erosion on sloping farmland during crop growth stages under a large-scale rainfall simulation experiment. Journal of Arid Land, 2018, 10, 921-931.	2.3	5
87	Effects of hydrological events on morphological evolution of a fluvial system. Journal of Hydrology, 2018, 563, 33-42.	5.4	18
88	Nature-based solutions for flood-drought risk mitigation in vulnerable urbanizing parts of East-Africa. Current Opinion in Environmental Science and Health, 2018, 5, 73-78.	4.1	91
89	Soil Water Conservation: Dynamics and Impact. Water (Switzerland), 2018, 10, 952.	2.7	4
90	The way forward: Can connectivity be useful to design better measuring and modelling schemes for water and sediment dynamics?. Science of the Total Environment, 2018, 644, 1557-1572.	8.0	191

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91	Soil Erosion as an Environmental Concern in Vineyards. The Case Study of Celler del Roure, Eastern Spain, by Means of Rainfall Simulation Experiments. Beverages, 2018, 4, 31.	2.8	96
92	Soil Erosion Induced by the Introduction of New Pasture Species in a Faxinal Farm of Southern Brazil. Geosciences (Switzerland), 2018, 8, 166.	2.2	30
93	The Impact of the Age of Vines on Soil Hydraulic Conductivity in Vineyards in Eastern Spain. Water (Switzerland), 2018, 10, 14.	2.7	18
94	Comparing Transient and Steady-State Analysis of Single-Ring Infiltrometer Data for an Abandoned Field Affected by Fire in Eastern Spain. Water (Switzerland), 2018, 10, 514.	2.7	22
95	Interrill erodibility in relation to aggregate size class in a semi-arid soil under simulated rainfalls. Catena, 2018, 167, 385-398.	5.0	22
96	Testing simple scaling in soil erosion processes at plot scale. Catena, 2018, 167, 171-180.	5.0	30
97	Vegetation and soil degradation in drylands: Non linear feedbacks and early warning signals. Current Opinion in Environmental Science and Health, 2018, 5, 67-72.	4.1	46
98	Health comparative comprehensive assessment of watersheds with different climates. Ecological Indicators, 2018, 93, 781-790.	6.3	40
99	Development and analysis of the Soil Water Infiltration Global database. Earth System Science Data, 2018, 10, 1237-1263.	9.9	85
100	Modeling Sediment Yield in Semiâ€Arid Pasture Microâ€Catchments, NW Iran. Land Degradation and Development, 2017, 28, 1274-1286.	3.9	42
101	Searching for evidence of changes in extreme rainfall indices in the Central Rift Valley of Ethiopia. Theoretical and Applied Climatology, 2017, 128, 795-809.	2.8	26
102	The influence of fire history, plant species and post-fire management on soil water repellency in a Mediterranean catchment: The Mount Carmel range, Israel. Catena, 2017, 149, 857-866.	5.0	71
103	Impact of secondary vegetation succession on soil quality in a humid Mediterranean landscape. Catena, 2017, 149, 836-843.	5.0	104
104	Interplay between river dynamics and international borders: The Hirmand River between Iran and Afghanistan. Science of the Total Environment, 2017, 586, 492-501.	8.0	17
105	Detecting and predicting the impact of land use changes on groundwater quality, a case study in Northern Kelantan, Malaysia. Science of the Total Environment, 2017, 599-600, 844-853.	8.0	83
106	Splash erosion: A review with unanswered questions. Earth-Science Reviews, 2017, 171, 463-477.	9.1	161
107	Assessment of soil particle erodibility and sediment trapping using check dams in small semi-arid catchments. Catena, 2017, 157, 227-240.	5.0	74
108	An economic, perception and biophysical approach to the use of oat straw as mulch in Mediterranean rainfed agriculture land. Ecological Engineering, 2017, 108, 162-171.	3.6	129

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109	Runoff initiation, soil detachment and connectivity are enhanced as a consequence of vineyards plantations. Journal of Environmental Management, 2017, 202, 268-275.	7.8	76
110	Increasing farmerâ€™s income and reducing soil erosion using intercropping in rainfed maize-wheat rotation of Himalaya, India. Agriculture, Ecosystems and Environment, 2017, 247, 43-53.	5.3	129
111	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. Forest Ecology and Management, 2017, 400, 447-456.	3.2	76
112	A network theory approach for a better understanding of overland flow connectivity. Hydrological Processes, 2017, 31, 207-220.	2.6	75
113	A conceptual connectivity framework for understanding geomorphic change in human-impacted fluvial systems. Geomorphology, 2017, 277, 237-250.	2.6	115
114	Reducing Sediment Connectivity Through manâ€Made and Natural Sediment Sinks in the Minizr Catchment, Northwest Ethiopia. Land Degradation and Development, 2017, 28, 708-717.	3.9	81
115	Impact of Potentially Contaminated River Water on Agricultural Irrigated Soils in an Equatorial Climate. Agriculture (Switzerland), 2017, 7, 52.	3.1	28
116	Effects of long-term deforestation and remnant forests on rainfall and temperature in the Central Rift Valley of Ethiopia. Forest Ecosystems, 2017, 4, .	3.1	15
117	Lateral Saturated Hydraulic Conductivity of Soil Horizons Evaluated in Large-Volume Soil Monoliths. Water (Switzerland), 2017, 9, 862.	2.7	8
118	The significance of soils and soil science towards realization of the United Nations Sustainable Development Goals. Soil, 2016, 2, 111-128.	4.9	1,077
119	Soil Erosion Processes in European Vineyards: A Qualitative Comparison of Rainfall Simulation Measurements in Germany, Spain and France. Hydrology, 2016, 3, 6.	3.0	65
120	Modelling Discharge and Sediment Yield at Catchment Scale Using Connectivity Components. Land Degradation and Development, 2016, 27, 933-945.	3.9	72
121	Shortâ€Term Vegetation Recovery after a Grassland Fire in Lithuania: The Effects of Fire Severity, Slope Position and Aspect. Land Degradation and Development, 2016, 27, 1523-1534.	3.9	57
122	CLustre: semiâ€automated lineament clustering for palaeoâ€glacial reconstruction. Earth Surface Processes and Landforms, 2016, 41, 364-377.	2.5	5
123	Heavy metal accumulation related to population density in road dust samples taken from urban sites under different land uses. Science of the Total Environment, 2016, 553, 636-642.	8.0	273
124	Long-term effects of soil management on ecosystem services and soil loss estimation in olive grove top soils. Science of the Total Environment, 2016, 571, 498-506.	8.0	112
125	Sediment trapping with indigenous grass species showing differences in plant traits in northwest Ethiopia. Catena, 2016, 147, 755-763.	5.0	49
126	Soil erosion in sloping vineyards assessed by using botanical indicators and sediment collectors in the Ruwer-Mosel valley. Agriculture, Ecosystems and Environment, 2016, 233, 158-170.	5.3	61

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127	Use of barley straw residues to avoid high erosion and runoff rates on persimmon plantations in Eastern Spain under low frequencyâ€“high magnitude simulated rainfall events. Soil Research, 2016, 54, 154.	1.1	174
128	Selection of forest species for the rehabilitation of disturbed soils in oil fields in the Ecuadorian Amazon. Science of the Total Environment, 2016, 566-567, 761-770.	8.0	32
129	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
130	The immediate effectiveness of barley straw mulch in reducing soil erodibility and surface runoff generation in Mediterranean vineyards. Science of the Total Environment, 2016, 547, 323-330.	8.0	324
131	Effects of soil management techniques on soil water erosion in apricot orchards. Science of the Total Environment, 2016, 551-552, 357-366.	8.0	341
132	Actual provision as an alternative criterion to improve the efficiency of payments for ecosystem services for C sequestration in semiarid vineyards. Agricultural Systems, 2016, 144, 58-64.	6.1	59
133	Understanding the role of soil erosion on co 2 -c loss using 13 c isotopic signatures in abandoned Mediterranean agricultural land. Science of the Total Environment, 2016, 550, 330-336.	8.0	90
134	Spatial Runoff Estimation and Mapping of Potential Water Harvesting Sites: A GIS and Remote Sensing Perspective, Northwest Ethiopia. Springer Geography, 2016, , 565-584.	0.4	10
135	Projected Impact of Climate Change on Hydrological Regimes in the Philippines. PLoS ONE, 2016, 11, e0163941.	2.5	43
136	Use of legacy data in geomorphological research. GeoResJ, 2015, 6, 74-80.	1.4	9
137	Soil Conservation Through Sediment Trapping: A Review. Land Degradation and Development, 2015, 26, 544-556.	3.9	222
138	Introduction to special issue on connectivity in water and sediment dynamics. Earth Surface Processes and Landforms, 2015, 40, 1275-1277.	2.5	72
139	The Wageningen Rainfall Simulator: Setâ€up and Calibration of an Indoor Nozzleâ€Type Rainfall Simulator for Soil Erosion Studies. Land Degradation and Development, 2015, 26, 604-612.	3.9	72
140	The geomorphic legacy of small damsâ€”An Austrian study. Anthropocene, 2015, 10, 43-55.	3.3	34
141	Impact of predicted changes in rainfall and atmospheric carbon dioxide on maize and wheat yields in the Central Rift Valley of Ethiopia. Regional Environmental Change, 2015, 15, 1105-1119.	2.9	56
142	Loss of Plant Species Diversity Reduces Soil Erosion Resistance. Ecosystems, 2015, 18, 881-888.	3.4	222
143	Evaluating sediment storage dams: structural off-site sediment trapping measures in northwest Ethiopia. Cuadernos De Investigacion Geografica, 2015, 41, 7-22.	1.1	102
144	Evaluating the hydrological component of the new catchment-scale sediment delivery model LAPSUS-D. Geomorphology, 2014, 212, 97-107.	2.6	61

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145	Averaging Performance of Capacitance and Time Domain Reflectometry Sensors in Nonuniform Wetted Sand Profiles. Vadose Zone Journal, 2014, 13, vzj2014.03.0025.	2.2	2
146	Effects of controlled fire on hydrology and erosion under simulated rainfall. Cuadernos De Investigacion Geografica, 2014, 40, 269-294.	1.1	61
147	Landslide model performance in a high resolution small-scale landscape. Geomorphology, 2013, 190, 73-81.	2.6	27
148	Linking landscape morphological complexity and sediment connectivity. Earth Surface Processes and Landforms, 2013, 38, 1457-1471.	2.5	85
149	Assessing riparian zone impacts on water and sediment movement: a new approach. Geologie En Mijnbouw/Netherlands Journal of Geosciences, 2012, 91, 245-255.	0.9	49
150	Risk assessment by sowing date for barley (Hordeum vulgare) in northern Ethiopia. Agricultural and Forest Meteorology, 2012, 154-155, 30-37.	4.8	33
151	Soil as a filter for groundwater quality. Current Opinion in Environmental Sustainability, 2012, 4, 507-516.	6.3	301
152			