

Roy Carl Sidle

List of Publications by Year in descending order

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148
papers

9,433
citations

41344

49
h-index

40979

93
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153
all docs

153
docs citations

153
times ranked

6905
citing authors

#	ARTICLE	IF	CITATIONS
1	Understanding Processes and Downstream Linkages of Headwater Systems. <i>BioScience</i> , 2002, 52, 905.	4.9	622
2	A Distributed Slope Stability Model for Steep Forested Basins. <i>Water Resources Research</i> , 1995, 31, 2097-2110.	4.2	544
3	Desirable plant root traits for protecting natural and engineered slopes against landslides. <i>Plant and Soil</i> , 2009, 324, 1-30.	3.7	513
4	Erosion processes in steep terrain—Truths, myths, and uncertainties related to forest management in Southeast Asia. <i>Forest Ecology and Management</i> , 2006, 224, 199-225.	3.2	459
5	Stormflow generation in steep forested headwaters: a linked hydrogeomorphic paradigm. <i>Hydrological Processes</i> , 2000, 14, 369-385.	2.6	417
6	The Influence of Plant Root Systems on Subsurface Flow: Implications for Slope Stability. <i>BioScience</i> , 2011, 61, 869-879.	4.9	351
7	A conceptual model of preferential flow systems in forested hillslopes: evidence of self-organization. <i>Hydrological Processes</i> , 2001, 15, 1675-1692.	2.6	270
8	Morphological Characteristics of Macropores and the Distribution of Preferential Flow Pathways in a Forested Slope Segment. <i>Soil Science Society of America Journal</i> , 1999, 63, 1413-1423.	2.2	202
9	Dynamic earth system and ecological controls of rainfall-initiated landslides. <i>Earth-Science Reviews</i> , 2016, 159, 275-291.	9.1	192
10	Flow and solute transport through the soil matrix and macropores of a hillslope segment. <i>Water Resources Research</i> , 1994, 30, 879-890.	4.2	189
11	A theoretical model of the effects of timber harvesting on slope stability. <i>Water Resources Research</i> , 1992, 28, 1897-1910.	4.2	175
12	Effects of forest harvesting on the occurrence of landslides and debris flows in steep terrain of central Japan. <i>Earth Surface Processes and Landforms</i> , 2008, 33, 827-840.	2.5	150
13	Sediment pathways in a tropical forest: effects of logging roads and skid trails. <i>Hydrological Processes</i> , 2004, 18, 703-720.	2.6	149
14	Dynamic runoff connectivity of overland flow on steep forested hillslopes: Scale effects and runoff transfer. <i>Water Resources Research</i> , 2008, 44, .	4.2	149
15	Characterizing relationships among fecal indicator bacteria, microbial source tracking markers, and associated waterborne pathogen occurrence in stream water and sediments in a mixed land use watershed. <i>Water Research</i> , 2016, 101, 498-509.	11.3	122
16	Seasonal hydrologic response at various spatial scales in a small forested catchment, Hitachi Ohta, Japan. <i>Journal of Hydrology</i> , 1995, 168, 227-250.	5.4	116
17	Spatially varying hydraulic and solute transport characteristics of a fractured till determined by field tracer tests, Funen, Denmark. <i>Water Resources Research</i> , 1998, 34, 2515-2527.	4.2	115
18	Long-term modelling of landslides for different forest management practices. <i>Earth Surface Processes and Landforms</i> , 2003, 28, 853-868.	2.5	106

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19	Characteristics of channel steps and reach morphology in headwater streams, southeast Alaska. <i>Geomorphology</i> , 2003, 51, 225-242.	2.6	106
20	Hortonian overland flow from Japanese forest plantations—“an aberration, the real thing, or something in between?”. <i>Hydrological Processes</i> , 2007, 21, 3237-3247.	2.6	106
21	A Conceptual Model of Changes in Root Cohesion in Response to Vegetation Management. <i>Journal of Environmental Quality</i> , 1991, 20, 43-52.	2.0	105
22	How do disconnected macropores in sloping soils facilitate preferential flow?. <i>Hydrological Processes</i> , 2010, 24, 1582-1594.	2.6	100
23	Linkage of sediment supply and transport processes in Miyagawa Dam catchment, Japan. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	93
24	The dilemma of mountain roads. <i>Nature Geoscience</i> , 2012, 5, 437-438.	12.9	89
25	Runoff responses to forest thinning at plot and catchment scales in a headwater catchment draining Japanese cypress forest. <i>Journal of Hydrology</i> , 2012, 444-445, 51-62.	5.4	89
26	The characteristics of woody debris and sediment distribution in headwater streams, southeastern Alaska. <i>Canadian Journal of Forest Research</i> , 2001, 31, 1386-1399.	1.7	81
27	Characteristics of overland flow generation on steep forested hillslopes of central Japan. <i>Journal of Hydrology</i> , 2008, 361, 275-290.	5.4	81
28	An overview of the field and modelling studies on the effects of forest devastation on flooding and environmental issues. <i>Hydrological Processes</i> , 2010, 24, 527-534.	2.6	80
29	Soil conditions in three recent landslides in Southeast Alaska. <i>Forest Ecology and Management</i> , 1987, 18, 93-102.	3.2	79
30	Distributed simulations of landslides for different rainfall conditions. <i>Hydrological Processes</i> , 2004, 18, 757-776.	2.6	78
31	Sediment and wood accumulations in humid tropical headwater streams: Effects of logging and riparian buffers. <i>Forest Ecology and Management</i> , 2006, 224, 166-175.	3.2	75
32	Hydrogeomorphic processes in a steep debris flow initiation zone. <i>Geophysical Research Letters</i> , 2006, 33, n/a-n/a.	4.0	74
33	Reductions in water, soil and nutrient losses and pesticide pollution in agroforestry practices: a review of evidence and processes. <i>Plant and Soil</i> , 2020, 453, 45-86.	3.7	70
34	Hydrogeomorphic processes and scaling issues in the continuum from soil pedons to catchments. <i>Earth-Science Reviews</i> , 2017, 175, 75-96.	9.1	69
35	A zero-order basin?its contribution to catchment hydrology and internal hydrological processes. <i>Hydrological Processes</i> , 2000, 14, 387-401.	2.6	65
36	A spatial and temporal model of root cohesion in forest soils. <i>Canadian Journal of Forest Research</i> , 2004, 34, 950-958.	1.7	65

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37	Assessment of UAV and Ground-Based Structure from Motion with Multi-View Stereo Photogrammetry in a Gullied Savanna Catchment. ISPRS International Journal of Geo-Information, 2017, 6, 328.	2.9	65
38	Spatially Distributed Morphological Characteristics of Macropores in Forest Soils of Hitachi Ohta Experimental Watershed, Japan. Journal of Forest Research, 1997, 2, 207-215.	1.4	63
39	Hydrogeomorphology: overview of an emerging science. Hydrological Processes, 2004, 18, 597-602.	2.6	61
40	Field observations and process understanding in hydrology: essential components in scaling. Hydrological Processes, 2006, 20, 1439-1445.	2.6	60
41	Preferential flow mechanisms identified from staining experiments in forested hillslopes. Hydrological Processes, 2015, 29, 4562-4578.	2.6	58
42	Hydrogeomorphic linkages of sediment transport in headwater streams, Maybeso Experimental Forest, southeast Alaska. Hydrological Processes, 2004, 18, 667-683.	2.6	56
43	Impacts of logging disturbance on hillslope saturated hydraulic conductivity in a tropical forest in Peninsular Malaysia. Catena, 2006, 67, 89-104.	5.0	56
44	Evaluation of storm runoff pathways in steep nested catchments draining a Japanese cypress forest in central Japan: a geochemical approach. Hydrological Processes, 2010, 24, 550-566.	2.6	56
45	Bed load transport in managed steep-gradient headwater streams of southeastern Alaska. Water Resources Research, 2003, 39, .	4.2	55
46	Broader perspective on ecosystem sustainability: Consequences for decision making. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 9201-9208.	7.1	55
47	Subsurface runoff characteristics from a forest hillslope soil profile including macropores, Hitachi Ohta, Japan. Hydrological Processes, 2001, 15, 2131-2149.	2.6	53
48	Monitored and simulated variations in matric suction during rainfall in a residual soil slope. Environmental Geology, 2008, 55, 951-961.	1.2	50
49	Shallow lateral flow from a forested hillslope: Influence of antecedent wetness. Catena, 2005, 60, 293-306.	5.0	49
50	Landslides and debris flows strike Kyushu, Japan. Eos, 2004, 85, 145.	0.1	48
51	Earthquake-induced displacements of gravity retaining walls and anchor-reinforced slopes. Soil Dynamics and Earthquake Engineering, 2009, 29, 428-437.	3.8	47
52	Internal Erosion during Soil Pipeflow: State of the Science for Experimental and Numerical Analysis. Transactions of the ASABE, 2013, 56, 465-478.	1.1	47
53	Turbidity-based sediment monitoring in northern Thailand: Hysteresis, variability, and uncertainty. Journal of Hydrology, 2014, 519, 2020-2039.	5.4	45
54	Persistence of road runoff generation in a logged catchment in Peninsular Malaysia. Earth Surface Processes and Landforms, 2007, 32, 1947-1970.	2.5	43

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55	Contemporary changes in open water surface area of Lake Inle, Myanmar. <i>Sustainability Science</i> , 2007, 2, 55-65.	4.9	43
56	Unprecedented rates of landslide and surface erosion along a newly constructed road in Yunnan, China. <i>Natural Hazards</i> , 2011, 57, 313-326.	3.4	43
57	Rainfall-Runoff Modelling Using Hydrological Connectivity Index and Artificial Neural Network Approach. <i>Water (Switzerland)</i> , 2019, 11, 212.	2.7	42
58	Simulating effects of timber harvesting on the temporal and spatial distribution of shallow landslides. <i>Zeitschrift für Geomorphologie</i> , 1999, 43, 185-201.	0.8	42
59	Pore water pressure assessment in a forest watershed: Simulations and distributed field measurements related to forest practices. <i>Water Resources Research</i> , 2004, 40, .	4.2	41
60	Using remote sensing and traditional ecological knowledge (TEK) to understand mangrove change on the Maroochy River, Queensland, Australia. <i>Applied Geography</i> , 2018, 94, 71-83.	3.7	35
61	Spatial pattern of infiltration rate and its effect on hydrological processes in a small headwater catchment. <i>Hydrological Processes</i> , 2010, 24, 535-549.	2.6	34
62	Effect of forest harvesting on hydrogeomorphic processes in steep terrain of central Japan. <i>Geomorphology</i> , 2012, 169-170, 109-122.	2.6	34
63	Linking hydrological connectivity to gully erosion in savanna rangelands tributary to the Great Barrier Reef using structure-from-motion photogrammetry. <i>Land Degradation and Development</i> , 2020, 31, 20-36.	3.9	34
64	Reduction of Stream Sediment Concentration by a Riparian Buffer: Filtering of Road Runoff in Disturbed Headwater Basins of Montane Mainland Southeast Asia. <i>Journal of Environmental Quality</i> , 2006, 35, 151-162.	2.0	32
65	PATTERNS OF SUSPENDED SEDIMENT TRANSPORT IN A COASTAL ALASKA STREAM. <i>Journal of the American Water Resources Association</i> , 1985, 21, 909-917.	2.4	31
66	Development of a simple lateral preferential flow model with steady state application in hillslope soils. <i>Water Resources Research</i> , 2005, 41, .	4.2	31
67	Disturbances structuring macroinvertebrate communities in steep headwater streams: relative importance of forest clearcutting and debris flow occurrence. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2010, 67, 427-444.	1.4	29
68	Hydrogeomorphic processes affecting dryland gully erosion: Implications for modelling. <i>Progress in Physical Geography</i> , 2019, 43, 46-64.	3.2	29
69	Fate of Heavy Metals in an Abandoned Lead-Zinc Tailings Pond: II. Sediment. <i>Journal of Environmental Quality</i> , 1991, 20, 752-758.	2.0	27
70	Throughflow variability during snowmelt in a forested mountain catchment, coastal British Columbia, Canada. <i>Hydrological Processes</i> , 2004, 18, 1219-1236.	2.6	27
71	Stream Channel Changes Associated with Mining and Grazing in the Great Basin. <i>Journal of Environmental Quality</i> , 1996, 25, 1111-1121.	2.0	25
72	Effective slope lengths for buffering hillslope surface runoff in fragmented landscapes in northern Vietnam. <i>Forest Ecology and Management</i> , 2006, 224, 104-118.	3.2	25

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73	Assessing spatially distributed infiltration capacity to evaluate storm runoff in forested catchments: Implications for hydrological connectivity. <i>Science of the Total Environment</i> , 2019, 669, 148-159.	8.0	25
74	Application of Decision Analysis to Forest Road Deactivation in Unstable Terrain. <i>Environmental Management</i> , 2004, 33, 173-185.	2.7	24
75	Epic landslide erosion from mountain roads in Yunnan, China – challenges for sustainable development. <i>Natural Hazards and Earth System Sciences</i> , 2014, 14, 3093-3104.	3.6	24
76	The canopy interception – landslide initiation conundrum: insight from a tropical secondary forest in northern Thailand. <i>Hydrology and Earth System Sciences</i> , 2017, 21, 651-667.	4.9	24
77	Tropical forest structure and understorey determine subsurface flow through biopores formed by plant roots. <i>Catena</i> , 2019, 181, 104061.	5.0	24
78	Characterisation of Hydrological Response to Rainfall at Multi Spatio-Temporal Scales in Savannas of Semi-Arid Australia. <i>Water (Switzerland)</i> , 2017, 9, 540.	2.7	23
79	Root Biomechanical Traits in a Montane Mediterranean Forest Watershed: Variations with Species Diversity and Soil Depth. <i>Forests</i> , 2019, 10, 341.	2.1	23
80	Catchment processes in Southeast Asia: Atmospheric, hydrologic, erosion, nutrient cycling, and management effects. <i>Forest Ecology and Management</i> , 2006, 224, 1-4.	3.2	22
81	Effect of reduced grazing pressure on sediment and nutrient yields in savanna rangeland streams draining to the Great Barrier Reef. <i>Journal of Hydrology</i> , 2020, 582, 124520.	5.4	22
82	Mechanical traits of fine roots as a function of topology and anatomy. <i>Annals of Botany</i> , 2018, 122, 1103-1116.	2.9	21
83	Criteria for selecting fluorescent dye tracers for soil hydrological applications using Uranine as an example. <i>Journal of Hydrology and Hydromechanics</i> , 2013, 61, 313-325.	2.0	20
84	Temporal and spatial variation of infilling processes in a landslide scar in a steep mountainous region, Japan. <i>Earth Surface Processes and Landforms</i> , 2015, 40, 642-653.	2.5	20
85	Strategies for smarter catchment hydrology models: incorporating scaling and better process representation. <i>Geoscience Letters</i> , 2021, 8, .	3.3	19
86	Evaluation of planting sites common to a southeast Alaska clear-cut. II. Available inoculum of the ectomycorrhizal fungus <i>Cenococcumgeophilum</i> . <i>Canadian Journal of Forest Research</i> , 1983, 13, 9-11.	1.7	18
87	Evaluation of planting sites common to a southeast Alaska clear-cut. III. Effects of microsite type and ectomycorrhizal inoculation on growth and survival of Sitka spruce seedlings. <i>Canadian Journal of Forest Research</i> , 1987, 17, 334-339.	1.7	18
88	Cumulative Effects of Land Management on Soil and Water Resources: An Overview. <i>Journal of Environmental Quality</i> , 1991, 20, 1-3.	2.0	17
89	Transport and biodegradation of creosote compounds in clayey till, a field experiment. <i>Journal of Contaminant Hydrology</i> , 2000, 41, 239-260.	3.3	17
90	Overview of Landslide Hydrology. <i>Water (Switzerland)</i> , 2019, 11, 148.	2.7	17

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91	Mapping Landslide Prediction through a GIS-Based Model: A Case Study in a Catchment in Southern Italy. <i>Geosciences (Switzerland)</i> , 2020, 10, 309.	2.2	16
92	Impact of road-generated storm runoff on a small catchment response. <i>Hydrological Processes</i> , 2009, 23, 3631-3638.	2.6	15
93	Recognizing the importance of tropical forests in limiting rainfall-induced debris flows. <i>Environmental Earth Sciences</i> , 2012, 67, 1225-1235.	2.7	15
94	Characteristics of landslides in unwelded pyroclastic flow deposits, southern Kyushu, Japan. <i>Natural Hazards and Earth System Sciences</i> , 2016, 16, 617-627.	3.6	15
95	Characterization of vertical unsaturated flow reveals why storm runoff responses can be simulated by simple runoff-storage relationship models. <i>Journal of Hydrology</i> , 2020, 588, 124982.	5.4	15
96	Improving the Accuracy of Hydrodynamic Model Predictions Using Lagrangian Calibration. <i>Water (Switzerland)</i> , 2020, 12, 575.	2.7	15
97	Evaluating landslide damage during the 2004 Chuetsu earthquake, Niigata Japan. <i>Eos</i> , 2005, 86, 133.	0.1	14
98	Erosion Processes on Arid Minespoil Slopes. <i>Soil Science Society of America Journal</i> , 1993, 57, 1341-1347.	2.2	13
99	Peak flow responses and recession flow characteristics after thinning of Japanese cypress forest in a headwater catchment. <i>Hydrological Research Letters</i> , 2012, 6, 35-40.	0.5	13
100	Discovery of zero-order basins as an important link for progress in hydrogeomorphology. <i>Hydrological Processes</i> , 2018, 32, 3059-3065.	2.6	13
101	Evaluating Factors for Controlling Sediment Connectivity of Landslide Materials: A Flume Experiment. <i>Water (Switzerland)</i> , 2019, 11, 17.	2.7	13
102	A Comparison of Piezometric Response in Unchanneled Hillslope Hollows: Coastal Alaska and Japan. <i>Suimon Mizu Shigen Gakkaishi</i> , 1992, 5, 3-11.	0.1	13
103	Factors Affecting Generation of Hortonian Overland Flow in Forested Hillslopes: Analysis of Observation Results at Three Sites with Different Geology and Rainfall Characteristics.. <i>Journal of the Japanese Forest Society</i> , 2009, 91, 398-407.	0.2	13
104	Sorption of Uranine on Forest Soils. <i>Hydrological Research Letters</i> , 2008, 2, 32-35.	0.5	12
105	Development and application of a simple hydrogeomorphic model for headwater catchments. <i>Water Resources Research</i> , 2011, 47, .	4.2	12
106	Ecosystem changes following the 2016 Kumamoto earthquakes in Japan: Future perspectives. <i>Ambio</i> , 2018, 47, 721-734.	5.5	12
107	Evaluation of planting sites common to a southeast Alaska clear-cut. I. Nutrient status. <i>Canadian Journal of Forest Research</i> , 1983, 13, 1-8.	1.7	11
108	Influence of forest harvesting activities on debris avalanches and flows. , 2005, , 387-409.		11

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109	The continuum of chronic to episodic natural hazards: Implications and strategies for community and landscape planning. <i>Landscape and Urban Planning</i> , 2017, 167, 189-197.	7.5	11
110	Site Damage from Mechanized Thinning in Southeast Alaska. <i>Northern Journal of Applied Forestry</i> , 1986, 3, 94-97.	0.5	9
111	Temperate forests and rangelands. , 0, , 321-343.		9
112	Elephant Trail Runoff and Sediment Dynamics in Northern Thailand. <i>Journal of Environmental Quality</i> , 2010, 39, 871-881.	2.0	9
113	Characteristics of landslides in forests and grasslands triggered by the 2016 Kumamoto earthquake. <i>Earth Surface Processes and Landforms</i> , 2020, 45, 893-904.	2.5	9
114	PREDICTION OF PEAK FLOWS ON SMALL WATERSHEDS IN OREGON FOR USE IN CULVERT DESIGN. <i>Journal of the American Water Resources Association</i> , 1984, 20, 9-14.	2.4	8
115	Modeling runoff dynamics from zero-order basins: implications for hydrological pathways. <i>Hydrological Research Letters</i> , 2011, 5, 6-10.	0.5	8
116	Evaluation of the temporal and spatial impacts of timber harvesting on landslide occurrence. <i>Water Science and Application</i> , 2001, , 179-193.	0.3	7
117	Variation in soil characteristics and hydrologic properties associated with historic land use near a recent landslide, Nagano Prefecture, Japan. <i>Geoderma</i> , 2009, 153, 37-51.	5.1	7
118	Observation of the Dynamics and Horizontal Dispersion in a Shallow Intermittently Closed and Open Lake and Lagoon (ICOLL). <i>Water (Switzerland)</i> , 2018, 10, 776.	2.7	7
119	Using Weather and Climate Information for Landslide Prevention and Mitigation. , 2007, , 285-307.		7
120	Ectomycorrhizal Inoculation Fails to Improve Performance of Sitka Spruce Seedlings on Clearcuts in Southeastern Alaska. <i>Western Journal of Applied Forestry</i> , 1988, 3, 110-112.	0.5	6
121	Hydrogeomorphic Processes in Temperate and Tropical Forests: Effects of Land Use and Scale. <i>Geography Compass</i> , 2010, 4, 1115-1132.	2.7	6
122	Distribution of amphipods (<i>Gammarus nipponensis</i> Ueno) among mountain headwater streams with different legacies of debris flow occurrence. <i>Ecohydrology</i> , 2013, 6, 117-124.	2.4	6
123	Dark Clouds over the Silk Road: Challenges Facing Mountain Environments in Central Asia. <i>Sustainability</i> , 2020, 12, 9467.	3.2	6
124	Assessment of an ensemble-based data assimilation system for a shallow estuary. <i>Estuarine, Coastal and Shelf Science</i> , 2021, 257, 107389.	2.1	6
125	Improving Flow Discharge-Suspended Sediment Relations: Intelligent Algorithms versus Data Separation. <i>Water (Switzerland)</i> , 2021, 13, 3650.	2.7	6
126	“Even if it doesn't come, you should be prepared” Natural hazard perception, remoteness, and implications for disaster risk reduction in rural Fiji. <i>International Journal of Disaster Risk Reduction</i> , 2020, 48, 101591.	3.9	5

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127	Sediment and fecal indicator bacteria loading in a mixed land use watershed: Contributions from suspended sediment and bedload transport. <i>Journal of Environmental Quality</i> , 2021, 50, 598-611.	2.0	5
128	Topographic features and stratified soil characteristics of a hillslope with fissures formed by the 2016 Kumamoto earthquake. <i>Geoderma</i> , 2020, 376, 114547.	5.1	4
129	Progress Towards Understanding Stormflow Generation in Headwater Catchments. <i>Forestry Sciences</i> , 1998, , 483-498.	0.4	4
130	Drought Tolerant Varieties of Common Beans (<i>Phaseolus vulgaris</i>) in Central Afghanistan. <i>Agronomy</i> , 2021, 11, 2181.	3.0	4
131	A PROGRAM TO CALCULATE CHANNEL SCOUR AND FILL. <i>Journal of the American Water Resources Association</i> , 1989, 25, 733-741.	2.4	3
132	RUNOFF AND EROSION RESPONSE OF SIMULATED WASTE BURIAL COVERS IN A SEMI-ARID ENVIRONMENT1. <i>Journal of the American Water Resources Association</i> , 1999, 35, 441-455.	2.4	3
133	Comments on "Predicting Soil Erosion for Alternative Land Uses" by E. Wang, C. Xin, J.R. Williams, and C. Xu. <i>J. Environ. Qual.</i> 35:459-467 (2006). <i>Journal of Environmental Quality</i> , 2006, 35, 2435-2438.	2.0	3
134	Towards better design and management of tsunami evacuation routes: a case study of Ao Jak Beach Road. <i>Geological Society Special Publication</i> , 2012, 361, 107-114.	1.3	3
135	Analysis of Overland Flow Generation and Catchment Storm Runoff Using a Distributed Runoff Model in a Headwater Catchment Draining Japanese Cypress Forest. <i>Journal of the Japanese Forest Society</i> , 2013, 95, 23-31.	0.2	3
136	Unraveling the Dynamics of a Creeping Slope in Northwestern Colombia: Hydrological Variables, and Geoelectrical and Seismic Signatures. <i>Water (Switzerland)</i> , 2018, 10, 1498.	2.7	3
137	Geomorphic hazards in south-west Saudi Arabia: The human-environmental nexus. <i>Area</i> , 2019, 51, 670-680.	1.6	3
138	Linking Soil Hydrology and Creep: A Northern Andes Case. <i>Geosciences (Switzerland)</i> , 2020, 10, 472.	2.2	3
139	Stormflow generation in steep forested headwaters: a linked hydrogeomorphic paradigm. <i>Hydrological Processes</i> , 2000, 14, 369-385.	2.6	3
140	Discussion. <i>Journal of the American Water Resources Association</i> , 2008, 44, 1055-1061.	2.4	2
141	Intrastorm Fluctuations of Piezometric Head and Soil Temperature within a Steep Forested Hollow. <i>Forestry Sciences</i> , 1998, , 475-482.	0.4	2
142	GEOMORPHIC AND PEDOLOGIC INFLUENCE ON SMALL-SCALE EPHEMERAL CHANNEL DIMENSION IN RANGELANDS. <i>Journal of the American Water Resources Association</i> , 1995, 31, 1051-1062.	2.4	1
143	Internal Erosion During Soil Pipe flow: Role in Gully Erosion and Hillslope Instability. , 2011, , .		1
144	Hydrologic Research in Japan: Accomplishments, Future Challenges, and Opportunities for International Collaboration. <i>Suimon Mizu Shigen Gakkaishi</i> , 2015, 28, 17-23.	0.1	1

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145	Crisis management: Regional approaches to geopolitical crises and natural hazards. <i>Geographical Research</i> , 2022, 60, 168-178.	1.8	1
146	Lagrangian Data Assimilation for Improving Model Estimates of Velocity Fields and Residual Currents in a Tidal Estuary. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 11006.	2.5	1
147	Effects of terrain on the occurrence of debris flows after forest harvesting. <i>Geografiska Annaler, Series A: Physical Geography</i> , 0, , 1-14.	1.5	0
148	Assimilation of GPS-tracked drifter data to improve the Eulerian velocity fields in an estuary. <i>Estuarine, Coastal and Shelf Science</i> , 2021, 262, 107575.	2.1	0