

Alan D Ziegler

List of Publications by Year in descending order

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160
papers

8,817
citations

46984

47
h-index

51562

86
g-index

163
all docs

163
docs citations

163
times ranked

8965
citing authors

#	ARTICLE	IF	CITATIONS
1	A call for reducing tourism risk to environmental hazards in the Himalaya. <i>Environmental Hazards</i> , 2023, 22, 1-28.	1.4	9
2	Flowpath influence on stream acid events in tropical urban streams in Singapore. <i>Hydrological Processes</i> , 2022, 36, .	1.1	2
3	Effectiveness of protected areas in preventing forest loss in a tropical mountain region. <i>Ecological Indicators</i> , 2022, 136, 108697.	2.6	3
4	Influence of urbanization on hourly extreme precipitation over China. <i>Environmental Research Letters</i> , 2022, 17, 044010.	2.2	17
5	Environmental change since the Last Glacial Maximum: palaeo-evidence from the Nee Soon Freshwater Swamp Forest, Singapore. <i>Journal of Quaternary Science</i> , 2022, 37, 707-719.	1.1	2
6	Doubling of annual forest carbon loss over the tropics during the early twenty-first century. <i>Nature Sustainability</i> , 2022, 5, 444-451.	11.5	47
7	Pre-closure assessment of elevated arsenic and other potential environmental constraints to developing aquaculture and fisheries: The case of the Mae Moh mine and power plant, Lampang, Thailand. <i>Chemosphere</i> , 2021, 269, 128682.	4.2	2
8	Flood mortality in SE Asia: Can palaeohistorical information help save lives?. <i>Hydrological Processes</i> , 2021, 35, .	1.1	1
9	Estimating carbon biomass in forests using incomplete data. <i>Biotropica</i> , 2021, 53, 397-408.	0.8	2
10	Deforestation-induced warming over tropical mountain regions regulated by elevation. <i>Nature Geoscience</i> , 2021, 14, 23-29.	5.4	73
11	High-intensity monsoon rainfall variability and its attributes: a case study for Upper Ganges Catchment in the Indian Himalaya during 1901-2013. <i>Natural Hazards</i> , 2021, 105, 2907-2936.	1.6	7
12	Promoting sustainability education through hands-on approaches: a tree carbon sequestration exercise in a Singapore green space. <i>Sustainability Science</i> , 2021, 16, 1045-1059.	2.5	7
13	Upward expansion and acceleration of forest clearance in the mountains of Southeast Asia. <i>Nature Sustainability</i> , 2021, 4, 892-899.	11.5	56
14	A continuous decline of global seasonal wind speed range over land since 1980. <i>Journal of Climate</i> , 2021, , 1-54.	1.2	4
15	Rapid and large-scale mapping of flood inundation via integrating spaceborne synthetic aperture radar imagery with unsupervised deep learning. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2021, 178, 36-50.	4.9	47
16	Water quality impacts of young green roofs in a tropical city: a case study from Singapore. <i>Blue-Green Systems</i> , 2021, 3, 145-163.	0.6	6
17	Effectiveness of native wood strand mulches for land rehabilitation in Iran under experimental conditions. <i>Land Degradation and Development</i> , 2020, 31, 581-590.	1.8	5
18	Urban flood risk mapping using data-driven geospatial techniques for a flood-prone case area in Iran. <i>Hydrology Research</i> , 2020, 51, 127-142.	1.1	39

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19	Respective contribution of urban wastewater and mangroves on nutrient dynamics in a tropical estuary during the monsoon season. <i>Marine Pollution Bulletin</i> , 2020, 160, 111652.	2.3	17
20	High-spatiotemporal-resolution mapping of global urban change from 1985 to 2015. <i>Nature Sustainability</i> , 2020, 3, 564-570.	11.5	391
21	Methodology for future flood assessment in terms of economic damage: Development and application for a case study in Nepal. <i>Journal of Flood Risk Management</i> , 2020, 13, e12623.	1.6	11
22	Runoff and sediment yield modeling in data-sparse catchments in the Garehsoo River basin, northern Iran. <i>Environmental Earth Sciences</i> , 2020, 79, 1.	1.3	2
23	Characteristics of rain-induced landslides in the Indian Himalaya: A case study of the Mandakini Catchment during the 2013 flood. <i>Geomorphology</i> , 2019, 330, 100-115.	1.1	32
24	Assessing nutrient dynamics in mangrove porewater and adjacent tidal creek using nitrate dual-stable isotopes: A new approach to challenge the Outwelling Hypothesis?. <i>Marine Chemistry</i> , 2019, 214, 103662.	0.9	23
25	A reversal in global terrestrial stilling and its implications for wind energy production. <i>Nature Climate Change</i> , 2019, 9, 979-985.	8.1	246
26	Soil elemental analysis in a high conservation tropical forest in Singapore. <i>Journal of Environmental Management</i> , 2019, 232, 999-1011.	3.8	7
27	Land-use and land-cover classification using Sentinel-2 data and machine-learning algorithms: operational method and its implementation for a mountainous area of Nepal. <i>Journal of Applied Remote Sensing</i> , 2019, 13, 1.	0.6	23
28	Temporal Variability of Faecal Contamination from On-Site Sanitation Systems in the Groundwater of Northern Thailand. <i>Environmental Management</i> , 2018, 61, 939-953.	1.2	20
29	Ecohydrological disturbances associated with roads: Current knowledge, research needs, and management concerns with reference to the tropics. <i>Ecohydrology</i> , 2018, 11, e1881.	1.1	42
30	Assessing the contribution of porewater discharge in carbon export and CO2 evasion in a mangrove tidal creek (Can Gio, Vietnam). <i>Journal of Hydrology</i> , 2018, 563, 303-318.	2.3	52
31	Highland cropland expansion and forest loss in Southeast Asia in the twenty-first century. <i>Nature Geoscience</i> , 2018, 11, 556-562.	5.4	168
32	Decadal biomass and area changes in a multi-species meadow in Singapore: application of multi-resolution satellite imagery. <i>Botanica Marina</i> , 2018, 61, 289-304.	0.6	5
33	Carbon dynamics and inconstant porewater input in a mangrove tidal creek over contrasting seasons and tidal amplitudes. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 237, 32-48.	1.6	48
34	Towards improved flood disaster governance in Nepal: A case study in Sindhupalchok District. <i>International Journal of Disaster Risk Reduction</i> , 2018, 31, 354-366.	1.8	13
35	Accuracy of rainfall estimates at high altitude in the Garhwal Himalaya (India): A comparison of secondary precipitation products and station rainfall measurements. <i>Atmospheric Research</i> , 2017, 188, 30-38.	1.8	21
36	Correcting Systematic Underprediction of Biochemical Oxygen Demand in Support Vector Regression. <i>Journal of Environmental Engineering, ASCE</i> , 2017, 143, .	0.7	3

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37	Hydrological connectivity and <i>Burkholderia pseudomallei</i> prevalence in wetland environments: investigating rice-farming community's risk of exposure to melioidosis in North-East Thailand. <i>Environmental Monitoring and Assessment</i> , 2017, 189, 287.	1.3	7
38	Carbon stocks in bamboo ecosystems worldwide: Estimates and uncertainties. <i>Forest Ecology and Management</i> , 2017, 393, 113-138.	1.4	150
39	Paleofloods records in Himalaya. <i>Geomorphology</i> , 2017, 284, 17-30.	1.1	49
40	Political transition and emergent forest's conservation issues in Myanmar. <i>Conservation Biology</i> , 2017, 31, 1257-1270.	2.4	50
41	Untangling the proximate causes and underlying drivers of deforestation and forest degradation in Myanmar. <i>Conservation Biology</i> , 2017, 31, 1362-1372.	2.4	85
42	Pathogenic waterborne free-living amoebae: An update from selected Southeast Asian countries. <i>PLoS ONE</i> , 2017, 12, e0169448.	1.1	30
43	The canopy interception's landslide initiation conundrum: insight from a tropical secondary forest in northern Thailand. <i>Hydrology and Earth System Sciences</i> , 2017, 21, 651-667.	1.9	24
44	A clear and present danger: Ladakh's increasing vulnerability to flash floods and debris flows. <i>Hydrological Processes</i> , 2016, 30, 4214-4223.	1.1	39
45	Particulate carbon and nitrogen dynamics in a headwater catchment in Northern Thailand: hysteresis, high yields, and hot spots. <i>Hydrological Processes</i> , 2016, 30, 3339-3360.	1.1	6
46	Evapotranspiration of rubber (<i>Hevea brasiliensis</i>) cultivated at two plantation sites in Southeast Asia. <i>Water Resources Research</i> , 2016, 52, 660-679.	1.7	58
47	Estimation of Soil Erosion Rates in Oil Palm Plantation with Different Land Cover. <i>IOP Conference Series: Materials Science and Engineering</i> , 2016, 136, 012086.	0.3	2
48	Processes affecting the spatial distribution of seagrass meadow sedimentary material on Yao Yai Island, Thailand. <i>Estuarine, Coastal and Shelf Science</i> , 2016, 182, 136-145.	0.9	8
49	Land Use Effects on Mangrove Nutrient Status in Phang Nga Bay, Thailand. <i>Land Degradation and Development</i> , 2016, 27, 68-76.	1.8	12
50	Untangling the Complexity of Liver Fluke Infection and Cholangiocarcinoma in NE Thailand Through Transdisciplinary Learning. <i>EcoHealth</i> , 2016, 13, 316-327.	0.9	18
51	Understanding the history of extreme wave events in the Tuamotu Archipelago of French Polynesia from large carbonate boulders on Makemo Atoll, with implications for future threats in the central South Pacific. <i>Marine Geology</i> , 2016, 380, 174-190.	0.9	46
52	Prevalence of <i>Cryptosporidium</i> and <i>Giardia</i> in the water resources of the Kuang River catchment, Northern Thailand. <i>Science of the Total Environment</i> , 2016, 562, 701-713.	3.9	29
53	Fluoride: A naturally-occurring health hazard in drinking-water resources of Northern Thailand. <i>Science of the Total Environment</i> , 2016, 545-546, 266-279.	3.9	59
54	Review of allometric equations for major land covers in SE Asia: Uncertainty and implications for above- and below-ground carbon estimates. <i>Forest Ecology and Management</i> , 2016, 360, 323-340.	1.4	77

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55	Erosion Potential under <i>Miconia calvenscens</i> Stands on the Island of Hawaii. Land Degradation and Development, 2015, 26, 218-226.	1.8	50
56	Geography's role in nurturing postgraduate students. Geographical Journal, 2015, 181, 427-431.	1.6	10
57	Natural degradation of earthworks, trenches, walls and moats, Northern Thailand. Journal of Field Archaeology, 2015, 40, 675-694.	0.7	1
58	Ancient floods, modern hazards: the Ping River, paleofloods and the 'lost city' of Wiang Kum Kam. Natural Hazards, 2015, 75, 2247-2263.	1.6	40
59	De-mythologizing the faculty's postgraduate writing experience in geography. Geoforum, 2015, 59, 129-132.	1.4	1
60	How do rubber (<i>Hevea brasiliensis</i>) plantations behave under seasonal water stress in northeastern Thailand and central Cambodia?. Agricultural and Forest Meteorology, 2015, 213, 10-22.	1.9	30
61	Current trends of rubber plantation expansion may threaten biodiversity and livelihoods. Global Environmental Change, 2015, 34, 48-58.	3.6	281
62	Particulate Matter in Mangrove Forests and Seagrass Beds as a Nitrogen Source in Tropical Coastal Ecosystems. Biotropica, 2015, 47, 286-291.	0.8	5
63	Simulation of stream flow components in a mountainous catchment in northern Thailand with SWAT, using the ANSELM calibration approach. Hydrological Processes, 2015, 29, 1340-1352.	1.1	19
64	Platinum-Group Elements in Urban Fluvial Bed Sediments—Hawaii. Environmental Science and Engineering, 2015, , 163-186.	0.1	9
65	Transpiration characteristics of a rubber plantation in central Cambodia. Tree Physiology, 2014, 34, 285-301.	1.4	32
66	Turbidity-based sediment monitoring in northern Thailand: Hysteresis, variability, and uncertainty. Journal of Hydrology, 2014, 519, 2020-2039.	2.3	45
67	Bedload transport in SE Asian streams—Uncertainties and implications for reservoir management. Geomorphology, 2014, 227, 31-48.	1.1	23
68	Pesticide transport simulation in a tropical catchment by SWAT. Environmental Pollution, 2014, 191, 70-79.	3.7	36
69	Swidden, rubber and carbon: Can REDD+ work for people and the environment in Montane Mainland Southeast Asia?. Global Environmental Change, 2014, 29, 318-326.	3.6	107
70	Deforestation in the Ayeyarwady Delta and the conservation implications of an internationally-engaged Myanmar. Global Environmental Change, 2014, 24, 321-333.	3.6	114
71	Increasing Singapore's resilience to drought. Hydrological Processes, 2014, 28, 4543-4548.	1.1	23
72	Pilgrims, progress, and the political economy of disaster preparedness—the example of the 2013 Uttarakhand flood and Kedarnath disaster. Hydrological Processes, 2014, 28, 5985-5990.	1.1	55

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73	Tiny Is Mighty: Seagrass Beds Have a Large Role in the Export of Organic Material in the Tropical Coastal Zone. PLoS ONE, 2014, 9, e111847.	1.1	24
74	Leaf transport in mimic mangrove forests and seagrass beds. Marine Ecology - Progress Series, 2014, 498, 95-102.	0.9	15
75	Potential for landscape-scale positive interactions among tropical marine ecosystems. Marine Ecology - Progress Series, 2014, 503, 289-303.	0.9	86
76	First experimental evidence of corals feeding on seagrass matter. Coral Reefs, 2013, 32, 1061-1064.	0.9	14
77	Uncertainty in below-ground carbon biomass for major land covers in Southeast Asia. Forest Ecology and Management, 2013, 310, 915-926.	1.4	45
78	Mangrove biomass estimation in Southwest Thailand using machine learning. Applied Geography, 2013, 45, 311-321.	1.7	103
79	Hydro-climatic effects of future land-cover/land-use change in montane mainland southeast Asia. Climatic Change, 2013, 118, 213-226.	1.7	15
80	Commuter exposure to black carbon, carbon monoxide, and noise in the mass transport khlong boats of Bangkok, Thailand. Transportation Research, Part D: Transport and Environment, 2013, 21, 62-65.	3.2	6
81	Dams and Disease Triggers on the Lower Mekong River. PLoS Neglected Tropical Diseases, 2013, 7, e2166.	1.3	36
82	Comprehensive research in geography. Area, 2013, 45, 252-254.	1.0	12
83	Towards better design and management of tsunami evacuation routes: a case study of Ao Jak Beach Road. Geological Society Special Publication, 2012, 361, 107-114.	0.8	3
84	The dilemma of mountain roads. Nature Geoscience, 2012, 5, 437-438.	5.4	89
85	Environment-Friendly Reform in Myanmar. Science, 2012, 336, 295-295.	6.0	32
86	Estimation of Root Zone Soil Moisture Using Apparent Thermal Inertia With MODIS Imagery Over a Tropical Catchment in Northern Thailand. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2012, 5, 752-761.	2.3	31
87	Modifiers and Amplifiers of High and low Flows on the Ping River in Northern Thailand (1921-2009): The Roles of Climatic Events and Anthropogenic Activity. Water Resources Management, 2012, 26, 4203-4224.	1.9	23
88	Changes to the life cycle of liver flukes: dams, roads, and ponds. Lancet Infectious Diseases, The, 2012, 12, 588.	4.6	14
89	Road-deposited sediments in an urban environment: A first look at sequentially extracted element loads in grain size fractions. Journal of Hazardous Materials, 2012, 225-226, 54-62.	6.5	85
90	Trends, drivers and impacts of changes in swidden cultivation in tropical forest-agriculture frontiers: A global assessment. Global Environmental Change, 2012, 22, 418-429.	3.6	460

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91	Raw attitudes, wetland cultures, life-cycles: Socio-cultural dynamics relating to <i>Opisthorchis viverrini</i> in the Mekong Basin. <i>Parasitology International</i> , 2012, 61, 65-70.	0.6	120
92	Daily CO ₂ partial pressure and CO ₂ outgassing in the upper Yangtze River basin: A case study of the Longchuan River, China. <i>Journal of Hydrology</i> , 2012, 466-467, 141-150.	2.3	85
93	Reduce urban flood vulnerability. <i>Nature</i> , 2012, 481, 145-145.	13.7	43
94	Floods, false hope, and the future. <i>Hydrological Processes</i> , 2012, 26, 1748-1750.	1.1	51
95	Simulating Land-Cover Change in Montane Mainland Southeast Asia. <i>Environmental Management</i> , 2012, 49, 968-979.	1.2	74
96	Carbon outcomes of major land-use cover transitions in SE Asia: great uncertainties and REDD+ policy implications. <i>Global Change Biology</i> , 2012, 18, 3087-3099.	4.2	176
97	Accumulation of potentially toxic elements in road deposited sediments in residential and light industrial neighborhoods of Singapore. <i>Journal of Environmental Management</i> , 2012, 101, 151-163.	3.8	145
98	Organic carbon fluxes from the upper Yangtze basin: an example of the Longchuanjiang River, China. <i>Hydrological Processes</i> , 2012, 26, 1604-1616.	1.1	27
99	Major element chemistry in the upper Yangtze River: A case study of the Longchuanjiang River. <i>Geomorphology</i> , 2011, 129, 29-42.	1.1	49
100	Recognizing Contemporary Roles of Swidden Agriculture in Transforming Landscapes of Southeast Asia. <i>Conservation Biology</i> , 2011, 25, 846-848.	2.4	63
101	Seasonal changes of nutrient fluxes in the Upper Changjiang basin: An example of the Longchuanjiang River, China. <i>Journal of Hydrology</i> , 2011, 405, 344-351.	2.3	40
102	Lumped parameter sensitivity analysis of a distributed hydrological model within tropical and temperate catchments. <i>Hydrological Processes</i> , 2011, 25, 2405-2421.	1.1	42
103	Fighting Liverflukes with Food Safety Education. <i>Science</i> , 2011, 331, 282-283.	6.0	33
104	Root zone soil moisture estimation by Terra/MODIS imagery over the tropical catchment in northern Thailand. , 2011, , .		0
105	Hydrologic effects of the expansion of rubber (<i>Hevea brasiliensis</i>) in a tropical catchment. <i>Ecohydrology</i> , 2010, 3, 306-314.	1.1	109
106	Elephant Trail Runoff and Sediment Dynamics in Northern Thailand. <i>Journal of Environmental Quality</i> , 2010, 39, 871-881.	1.0	9
107	Modeling Soil Flux by Manual Tillage as a Nonlinear Slope-Dependent Process. <i>Soil Science Society of America Journal</i> , 2009, 73, 1012-1019.	1.2	4
108	The Rubber Juggernaut. <i>Science</i> , 2009, 324, 1024-1025.	6.0	347

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109	Still Vulnerable to Killer Tsunamis. <i>Science</i> , 2009, 326, 1188-1189.	6.0	12
110	Consequences of Swidden Transitions for Crop and Fallow Biodiversity in Southeast Asia. <i>Human Ecology</i> , 2009, 37, 347-360.	0.7	144
111	Environmental Consequences of the Demise in Swidden Cultivation in Southeast Asia: Carbon Storage and Soil Quality. <i>Human Ecology</i> , 2009, 37, 375-388.	0.7	194
112	Environmental Consequences of the Demise in Swidden Cultivation in Montane Mainland Southeast Asia: Hydrology and Geomorphology. <i>Human Ecology</i> , 2009, 37, 361-373.	0.7	154
113	Throughfall in an evergreen-dominated forest stand in northern Thailand: Comparison of mobile and stationary methods. <i>Agricultural and Forest Meteorology</i> , 2009, 149, 373-384.	1.9	64
114	The roles of roads and agricultural land use in altering hydrological processes in Nam Mae Rim watershed, northern Thailand. <i>Hydrological Processes</i> , 2008, 22, 4339-4354.	1.1	27
115	Contribution of intercepted subsurface flow to road runoff and sediment transport in a logging-disturbed tropical catchment. <i>Earth Surface Processes and Landforms</i> , 2008, 33, 1174-1191.	1.2	50
116	Local hydrologic effects of introducing non-native vegetation in a tropical catchment. <i>Ecohydrology</i> , 2008, 1, 13-22.	1.1	69
117	Floodplain deposits, channel changes and riverbank stratigraphy of the Mekong River area at the 14th-Century city of Chiang Saen, Northern Thailand. <i>Geomorphology</i> , 2008, 101, 510-523.	1.1	17
118	Floodplain sediment from a 100-year-recurrence flood in 2005 of the Ping River in northern Thailand. <i>Hydrology and Earth System Sciences</i> , 2008, 12, 959-973.	1.9	31
119	Effectiveness of coir-based rolled erosion control systems in reducing sediment transport from hillslopes. <i>Applied Geography</i> , 2007, 27, 150-164.	1.7	39
120	Hydrological consequences of landscape fragmentation in mountainous northern Vietnam: Buffering of Hortonian overland flow. <i>Journal of Hydrology</i> , 2007, 337, 52-67.	2.3	47
121	Stormflow generation involving pipe flow in a zero-order basin of Peninsular Malaysia. <i>Hydrological Processes</i> , 2007, 21, 789-806.	1.1	26
122	Persistence of road runoff generation in a logged catchment in Peninsular Malaysia. <i>Earth Surface Processes and Landforms</i> , 2007, 32, 1947-1970.	1.2	43
123	Soil translocation by weeding on steep-slope swidden fields in northern Vietnam. <i>Soil and Tillage Research</i> , 2007, 96, 219-233.	2.6	24
124	Contemporary changes in open water surface area of Lake Inle, Myanmar. <i>Sustainability Science</i> , 2007, 2, 55-65.	2.5	43
125	Impacts of logging disturbance on hillslope saturated hydraulic conductivity in a tropical forest in Peninsular Malaysia. <i>Catena</i> , 2006, 67, 89-104.	2.2	56
126	Catchment processes in Southeast Asia: Atmospheric, hydrologic, erosion, nutrient cycling, and management effects. <i>Forest Ecology and Management</i> , 2006, 224, 1-4.	1.4	22

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127	Use of the distributed hydrology soil vegetation model to study road effects on hydrological processes in Pang Khum Experimental Watershed, northern Thailand. <i>Forest Ecology and Management</i> , 2006, 224, 81-94.	1.4	64
128	Effective slope lengths for buffering hillslope surface runoff in fragmented landscapes in northern Vietnam. <i>Forest Ecology and Management</i> , 2006, 224, 104-118.	1.4	25
129	Channel head locations with respect to geomorphologic thresholds derived from a digital elevation model: A case study in northern Thailand. <i>Forest Ecology and Management</i> , 2006, 224, 147-156.	1.4	92
130	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.	1.4	459
131	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.	1.0	32
132	Effectiveness of a Coral-Derived Surfacing Material for Reducing Sediment Production on Unpaved Roads, Schofield Barracks, Oahu, Hawaii. <i>Environmental Management</i> , 2006, 37, 98-110.	1.2	10
133	Hillslope runoff and erosion as affected by rolled erosion control systems: a field study. <i>Hydrological Processes</i> , 2006, 20, 2839-2855.	1.1	14
134	Detection Time for Plausible Changes in Annual Precipitation, Evapotranspiration, and Streamflow in Three Mississippi River Sub-Basins. <i>Climatic Change</i> , 2005, 72, 17-36.	1.7	42
135	Toward understanding the cumulative impacts of roads in upland agricultural watersheds of northern Thailand. <i>Agriculture, Ecosystems and Environment</i> , 2004, 104, 145-158.	2.5	93
136	Hydrological consequences of landscape fragmentation in mountainous northern Vietnam: evidence of accelerated overland flow generation. <i>Journal of Hydrology</i> , 2004, 287, 124-146.	2.3	150
137	Metal extraction from road-deposited sediments using nine partial decomposition procedures. <i>Applied Geochemistry</i> , 2004, 19, 947-955.	1.4	46
138	Correction of the High-Latitude Rain Day Anomaly in the NCEP—NCAR Reanalysis for Land Surface Hydrological Modeling. <i>Journal of Climate</i> , 2004, 17, 3814-3828.	1.2	51
139	Transpiration in a small tropical forest patch. <i>Agricultural and Forest Meteorology</i> , 2003, 117, 1-22.	1.9	74
140	Detection of Intensification in Global- and Continental-Scale Hydrological Cycles: Temporal Scale of Evaluation. <i>Journal of Climate</i> , 2003, 16, 535-547.	1.2	163
141	Improved method for modelling sediment transport on unpaved roads using KINEROS2 and dynamic erodibility. <i>Hydrological Processes</i> , 2002, 16, 3079-3089.	1.1	18
142	Acceleration of Horton overland flow and erosion by footpaths in an upland agricultural watershed in northern Thailand. <i>Geomorphology</i> , 2001, 41, 249-262.	1.1	40
143	Hydrophysical degradation associated with hiking-trail use: a case study of Hawai'iloa Ridge Trail, O'ahu, Hawai'i. <i>Land Degradation and Development</i> , 2001, 12, 71-86.	1.8	31
144	Interstorm surface preparation and sediment detachment by vehicle traffic on unpaved mountain roads. <i>Earth Surface Processes and Landforms</i> , 2001, 26, 235-250.	1.2	85

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145	Horton overland flow contribution to runoff on unpaved mountain roads: A case study in northern Thailand. <i>Hydrological Processes</i> , 2001, 15, 3203-3208.	1.1	36
146	Erosion prediction on unpaved mountain roads in northern Thailand: validation of dynamic erodibility modelling using KINEROS2. <i>Hydrological Processes</i> , 2001, 15, 337-358.	1.1	36
147	Runoff generation and sediment production on unpaved roads, footpaths and agricultural land surfaces in northern Thailand. , 2000, 25, 519-534.		108
148	Latent and Sensible Energy Flux Over Deforested Land Surfaces in the Eastern Amazon and Northern Thailand. <i>Singapore Journal of Tropical Geography</i> , 2000, 21, 107-130.	0.6	30
149	Partitioning total erosion on unpaved roads into splash and hydraulic components: The roles of interstorm surface preparation and dynamic erodibility. <i>Water Resources Research</i> , 2000, 36, 2787-2791.	1.7	42
150	Reassessment of Revegetation Strategies for Kaho'olawe Island, Hawai'i. <i>Journal of Range Management</i> , 2000, 53, 106.	0.3	14
151	Influence of revegetation efforts on hydrologic response and erosion, Kaho'olawe Island, Hawai'i. , 1998, 9, 189-206.		29
152	The influence of the soil conditioner 'Agri-SC' on splash detachment and aggregate stability. <i>Soil and Tillage Research</i> , 1998, 45, 373-387.	2.6	12
153	Effect of an anionic soil conditioner on water stable aggregation of three Hawaiian soils. <i>Communications in Soil Science and Plant Analysis</i> , 1998, 29, 1253-1264.	0.6	6
154	A new approach to determining water stable aggregation. <i>Communications in Soil Science and Plant Analysis</i> , 1997, 28, 1871-1887.	0.6	5
155	Observations of Albedo and Radiation Balance over Postforest Land Surfaces in the Eastern Amazon Basin. <i>Journal of Climate</i> , 1997, 10, 919-928.	1.2	45
156	Importance of rural roads as source areas for runoff in mountainous areas of northern Thailand. <i>Journal of Hydrology</i> , 1997, 196, 204-229.	2.3	173
157	Influence of rolled erosion control systems on temporal rainsplash response—a laboratory rainfall simulation experiment. <i>Land Degradation and Development</i> , 1997, 8, 139-157.	1.8	21
158	Aggregate enrichment ratios for splash and wash transported sediment from an Oxisol. <i>Catena</i> , 1996, 26, 187-208.	2.2	21
159	Splash and wash dynamics: An experimental investigation using an Oxisol. <i>Geoderma</i> , 1996, 69, 85-103.	2.3	68
160	Soil-vegetation-atmosphere processes: Simulation and field measurement for deforested sites in northern Thailand. <i>Journal of Geophysical Research</i> , 1996, 101, 25867-25885.	3.3	20