Daniel Cadol

List of Publications by Year
in descending order

30 papers	1,017 citations	567247 15 h-index	477281 29 g-index
30 all docs	30 docs citations	30 times ranked	1256 citing authors

#	Article	IF	Citations
1	Connectivity as an emergent property of geomorphic systems. Earth Surface Processes and Landforms, 2019, 44, 4-26.	2.5	233
2	Flow regimes, bed morphology, and flow resistance in selfâ€formed stepâ€pool channels. Water Resources Research, 2009, 45, .	4.2	114
3	Neighborhood matters: Patterns and controls on wood distribution in old-growth forest streams of the Colorado Front Range, USA. Geomorphology, 2011, 125, 132-146.	2.6	103
4	Wood distribution in neotropical forested headwater streams of La Selva, Costa Rica. Earth Surface Processes and Landforms, 2009, 34, 1198-1215.	2.5	60
5	Hydrologic effects of large southwestern USA wildfires significantly increase regional water supply: fact or fiction?. Environmental Research Letters, 2016, 11, 085006.	5.2	52
6	Wood retention and transport in tropical, headwater streams, La Selva Biological Station, Costa Rica. Geomorphology, 2010, 123, 61-73.	2.6	51
7	Wood distribution along streams draining old-growth floodplain forests in Congaree National Park, South Carolina, USA. Geomorphology, 2011, 126, 108-120.	2.6	44
8	In ecoregions across western USA streamflow increases during post-wildfire recovery. Environmental Research Letters, 2018, 13, 014010.	5.2	38
9	Aerial photographic analysis of channel narrowing and vegetation expansion in Canyon De Chelly National Monument, Arizona, USA, 1935â€“2004. River Research and Applications, 2011, 27, 841-856.	1.7	35
10	Distribution of Large Wood Within River Corridors in Relation to Flow Regime in the Semiarid Western US. Water Resources Research, 2018, 54, 1890-1904.	4.2	34
11	A two end-member model of wood dynamics in headwater neotropical rivers. Journal of Hydrology, 2012, 462-463, 67-76.	5.4	27
12	Mineralogy Controlled Dissolution of Uranium from Airborne Dust in Simulated Lung Fluids (SLFs) and Possible Health Implications. Environmental Science and Technology Letters, 2019, 6, 62-67.	8.7	27
13	Effects of evapotranspiration on baseflow in a tropical headwater catchment. Journal of Hydrology, 2012, 462-463, 4-14.	5.4	22
14	Deep drainage sensitivity to climate, edaphic factors, and woody encroachment, Oklahoma, USA. Hydrological Processes, 2015, 29, 3779-3789.	2.6	22
15	Nonlinear Longâ€Term Large Watershed Hydrologic Response to Wildfire and Climatic Dynamics Locally Increases Water Yields. Earth's Future, 2018, 6, 997-1006.	6.3	20
16	Elevationâ€dependent surface elevation gain in a tidal freshwater marsh and implications for marsh persistence. Limnology and Oceanography, 2014, 59, 1065-1080.	3.1	18
17	Coarse sediment movement in the vicinity of a logjam in a neotropical gravel-bed stream. Geomorphology, 2011, 128, 191-198.	2.6	17
18	Evaluating physical and biological influences on sedimentation in a tidal freshwater marsh with 7Be. Estuarine, Coastal and Shelf Science, 2013, 129, 152-161.	2.1	14

#	Article	IF	Citations
19	Spatial patterns of plant litter in a tidal freshwater marsh and implications for marsh persistence. Ecological Applications, 2016, 26, 846-860.	3.8	14
20	Geomorphology as a first order control on the connectivity of riparian ecohydrology. Geomorphology, 2017, 277, 154-170.	2.6	14
21	Endorheicâ€Exorheic Transitions of the Rio Grande and East African Rifts. Geochemistry, Geophysics, Geosystems, 2019, 20, 3705-3729.	2.5	11
22	Modeled Tradeoffs between Developed Land Protection and Tidal Habitat Maintenance during Rising Sea Levels. PLoS ONE, 2016, 11, e0164875.	2.5	9
23	Direct, continuous measurements of ultra-high sediment fluxes in a sandy gravel-bed ephemeral river. Geomorphology, 2021, 382, 107682.	2.6	8
24	Variable contribution of wood to the hydraulic resistance of headwater tropical streams. Water Resources Research, 2013, 49, 4711-4723.	4.2	6
25	A traits-based model of species diversity. Ecological Modelling, 2014, 288, 178-194.	2.5	5
26	Geomorphic influences on the distribution and accumulation of pyrogenic carbon (PyC) following a low severity wildfire in northern New Mexico. Earth Surface Processes and Landforms, 2018, 43, 2207-2218.	2.5	5
27	Effects of the Gold King Mine Spill on Metal Cycling through River and Riparian Biota. Wetlands, 2020, 40, 1033-1046.	1.5	5
28	Managing flood flow connectivity to landscapes to build buffering capacity to disturbances: An ecohydrologic modeling framework for drylands. Journal of Environmental Management, 2021, 278, 111486.	7.8	4
29	Reply to comment by Keith Richardson on â€œFlow regimes, bed morphology, and flow resistance in selfâ€formed stepâ€pool channelsâ€. Water Resources Research, 2010, 46, .	4.2	3
30	Spatial patterns of plant litter in a tidal freshwater marsh and implications for marsh persistence. , 2015, , .		2