Hari Ram Upadhayay

List of Publications by Year
in descending order

19 papers	459 citations	933264 10 h-index	794469 19 g-index
19 all docs	19 docs citations	19 times ranked	484 citing authors

#	ARTICLE	IF	CITATIONS
1	Sediment source fingerprinting: benchmarking recent outputs, remaining challenges and emerging themes. Journal of Soils and Sediments, 2020, 20, 4160-4193.	1.5	124
2	A deconvolutional Bayesian mixing model approach for river basin sediment source apportionment. Scientific Reports, 2018, 8, 13073.	1.6	57
3	Methodological perspectives on the application of compound-specific stable isotope fingerprinting for sediment source apportionment. Journal of Soils and Sediments, 2017, 17, 1537-1553.	1.5	46
4	Importance of correct B value determination to quantify biological N2 fixation and N balances of faba beans (Vicia faba L.) via 15N natural abundance. Biology and Fertility of Soils, 2014, 50, 517-525.	2.3	37
5	Differentiating the geographical origin of Ethiopian coffee using XRF- and ICP-based multi-element and stable isotope profiling. Food Chemistry, 2019, 290, 295-307.	4.2	36
6	Community managed forests dominate the catchment sediment cascade in the mid-hills of Nepal: A compound-specific stable isotope analysis. Science of the Total Environment, 2018, 637-638, 306-317.	3.9	30
7	Isotope mixing models require individual isotopic tracer content for correct quantification of sediment source contributions. Hydrological Processes, 2018, 32, 981-989.	1.1	21
8	Sensitivity of source apportionment predicted by a Bayesian tracer mixing model to the inclusion of a sediment connectivity index as an informative prior: Illustration using the Kharka catchment (Nepal). Science of the Total Environment, 2020, 713, 136703.	3.9	20
9	Current advisory interventions for grazing ruminant farming cannot close exceedance of modern background sediment loss â€" Assessment using an instrumented farm platform and modelled scaling out. Environmental Science and Policy, 2021, 116, 114-127.	2.4	15
10	Prolonged heavy rainfall and land use drive catchment sediment source dynamics: Appraisal using multiple biotracers. Water Research, 2022, 216, 118348.	5.3	13
11	Sediment source apportionment using optical property composite signatures in a rural catchment, Brazil. Catena, 2021, 202, 105208.	2.2	11
12	Catchment-wide variations and biogeochemical time lags in soil fatty acid carbon isotope composition for different land uses: Implications for sediment source classification. Organic Geochemistry, 2020, 146, 104048.	0.9	11
13	Novel approaches to investigating spatial variability in channel bank total phosphorus at the catchment scale. Catena, 2021, 202, 105223.	2.2	10
14	Diffuse water pollution during recent extreme wet-weather in the UK: Environmental damage costs and insight into the future?. Journal of Cleaner Production, 2022, 338, 130633.	4.6	8
15	Experimental Investigation of Erosion Characteristics of Fine-Grained Cohesive Sediments. Water (Switzerland), 2020, 12, 1511.	1.2	7
16	Dynamics of fluvial hydro-sedimentological, nutrient, particulate organic matter and effective particle size responses during the U.K. extreme wet winter of 2019â€"2020. Science of the Total Environment, 2021, 774, 145722.	3.9	5
17	Deposition and erosion behaviour of cohesive sediments in the upper River Taw observatory, southwest UK: Implications for management and modelling. Journal of Hydrology, 2021, 598, 126145.	2.3	3
18	Riparian buffer strips influence nitrogen losses as nitrous oxide and leached N from upslope permanent pasture. Agriculture, Ecosystems and Environment, 2022, 336, 108031.	2.5	3

#	Article	IF	Citations
19	Insights into bulk stable isotope alteration during sediment redistribution to edge-of-field: impact on sediment source apportionment. Biogeochemistry, 2021, 155, 263-281.	1.7	2