

Splash detachment and transport of loess aggregate frag

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Soil detachment and transport under the combined action of rainfall and runoff energy on shallow overland flow. <i>Journal of Mountain Science</i> , 2017, 14, 1373-1383.	0.8	18
2	Soil internal forces initiate aggregate breakdown and splash erosion. <i>Geoderma</i> , 2018, 320, 43-51.	2.3	77
3	Micro-characteristics of soil aggregate breakdown under raindrop action. <i>Catena</i> , 2018, 162, 354-359.	2.2	31
4	Impact of multi-day rainfall events on surface roughness and physical crusting of very fine soils. <i>Geoderma</i> , 2018, 313, 181-192.	2.3	49
5	The Role of Hydraulic Connectivity and Management on Soil Aggregate Size and Stability in the Clear Creek Watershed, Iowa. <i>Geosciences (Switzerland)</i> , 2018, 8, 470.	1.0	16
6	Detachment and transport characteristics of sandy loam soil by raindrop action in the northern Loess Plateau, China. <i>Journal of Soils and Water Conservation</i> , 2018, 73, 705-713.	0.8	5
7	Effects of Cyanobacterial Soil Crusts on Surface Roughness and Splash Erosion. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2018, 123, 3697-3712.	1.3	23
8	Effects of herbaceous vegetation coverage and rainfall intensity on splash characteristics in northern China. <i>Catena</i> , 2018, 167, 411-421.	2.2	31
9	Resistance of Coarse-grained Particles against Raindrop Splash and Its Relation with Splash Erosion. <i>Soil and Tillage Research</i> , 2018, 184, 1-10.	2.6	13
10	Impact of raindrop diameter and polyacrylamide application on runoff, soil and nitrogen loss via raindrop splashing. <i>Geoderma</i> , 2019, 353, 372-381.	2.3	38
11	Raindrop Energy Impact on the Distribution Characteristics of Splash Aggregates of Cultivated Dark Loessial Cores. <i>Water (Switzerland)</i> , 2019, 11, 1514.	1.2	13
12	Experimental investigation of rain-induced splash and wash processes under wind-driven rain. <i>Geoderma</i> , 2019, 337, 1164-1174.	2.3	20
13	Impact of near-surface hydraulic gradient on the interrill erosion process. <i>European Journal of Soil Science</i> , 2020, 71, 598-614.	1.8	15
14	Effects of erosion degree, rainfall intensity and slope gradient on runoff and sediment yield for the bare soils from the weathered granite slopes of SE China. <i>Geomorphology</i> , 2020, 352, 106997.	1.1	44
15	Surface deformation and displacement of bed elements during splash " Model tests. <i>Catena</i> , 2020, 185, 104277.	2.2	9
16	Fragmentation of soil aggregates induced by secondary raindrop splash erosion. <i>Catena</i> , 2020, 185, 104342.	2.2	21
17	In situ undrained shear strength for cutting slopes erodibility estimation: case study in the Quadrilitero Ferrifero region, Brazil. <i>Bulletin of Engineering Geology and the Environment</i> , 2020, 79, 5277-5289.	1.6	2
18	Topsoil microstructure changes after a shrubland prescribed burn (Central Pyrenees, NE Spain). <i>Science of the Total Environment</i> , 2020, 748, 141253.	3.9	5

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19	Microcharacteristics of soil pores after raindrop action. Soil Science Society of America Journal, 2020, 84, 1693-1704.	1.2	11
20	Cyanobacteria as a source of biofertilizers for sustainable agriculture. , 2020, , 385-396.		13
21	Rainfall Parameters Affecting Splash Erosion under Natural Conditions. Applied Sciences (Switzerland), 2020, 10, 4103.	1.3	17
22	Development of an ammonia nitrogen transport model from surface soil to runoff via raindrop splashing. Catena, 2020, 189, 104473.	2.2	18
23	Experimental Setup for Splash Erosion Monitoring—Study of Silty Loam Splash Characteristics. Sustainability, 2020, 12, 157.	1.6	21
24	Wet sieving versus dry crushing: Soil microaggregates reveal different physical structure, bacterial diversity and organic matter composition in a clay gradient. European Journal of Soil Science, 2021, 72, 810-828.	1.8	31
25	Selectivity of aggregate fractions for loess soils under different raindrop diameters. Journal of Soils and Sediments, 2021, 21, 189-202.	1.5	9
26	Response of soil aggregate disintegration to the different content of organic carbon and its fractions during splash erosion. Hydrological Processes, 2021, 35, e14060.	1.1	21
27	Enrichment of soil organic carbon in the eroded sediments due to the simultaneous occurrence of rain and wind. Geoderma, 2021, 386, 114926.	2.3	9
28	Comparing surface erosion processes in four soils from the Loess Plateau under extreme rainfall events. International Soil and Water Conservation Research, 2021, 9, 520-531.	3.0	35
29	Splash detachment of sand particles under varying contact stress field of wind-driven raindrop impact. Earth Surface Processes and Landforms, 2021, 46, 2870-2883.	1.2	7
30	Bio-mediated method for improving surface erosion resistance of clayey soils. Engineering Geology, 2021, 293, 106295.	2.9	33
31	Soil physical degradation and rill detachment by raindrop impact in semi-arid region. Catena, 2021, 207, 105603.	2.2	6
32	The Use of High-Speed Cameras as a Tool for the Characterization of Raindrops in Splash Laboratory Studies. Water (Switzerland), 2021, 13, 2851.	1.2	4
33	Effects of weeding the shrub layer during thinning on surface soil erosion in a hinoki plantation. Catena, 2022, 209, 105799.	2.2	5
34	Effect of raindrop splashes on topsoil structure and infiltration characteristics. Catena, 2022, 212, 106040.	2.2	8
35	Dynamics of soil organic carbon in different-sized aggregates under splash erosion. Journal of Soils and Sediments, 2022, 22, 1713-1723.	1.5	7
37	Aggregate stability and size distribution regulate rainsplash erosion: Evidence from a humid tropical soil under different land-use regimes. Geoderma, 2022, 420, 115880.	2.3	15

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38	Soil splash erosion: An overlooked issue for sustainable rubber plantation in the tropical region of China. <i>International Soil and Water Conservation Research</i> , 2023, 11, 30-42.	3.0	6
39	Effects of soil internal forces on splash detachment and transport of aggregate fragments in Mollisols of Northeast China. <i>European Journal of Soil Science</i> , 2022, 73, .	1.8	1
40	Effects of raindrop temperature on the contributions of slaking and mechanical striking to aggregate disintegration during splash erosion. <i>Soil and Tillage Research</i> , 2022, 224, 105518.	2.6	6
41	Mitigation of Karst Soil Erosion by Optimizing a Biostimulation Strategy to Induce Mineralization. <i>Journal of Testing and Evaluation</i> , 2023, 51, 918-944.	0.4	0
42	Dripping Rainfall Simulators for Soil Research – Design Review. <i>Water (Switzerland)</i> , 2022, 14, 3309.	1.2	1
43	Effects of the extreme rainfall events on particle size selectivity on the simulated Gobi surface using indoor rainfall experiments. <i>Catena</i> , 2023, 220, 106716.	2.2	3
44	Interactive effects of rainfall intensity, kinetic energy and antecedent soil moisture regime on splash erosion in the Ultisol region of South China. <i>Catena</i> , 2023, 222, 106863.	2.2	9
45	Morphometric indices in the Curu-Una River sub-basin as potential indicators for forest restoration in hydrographic mesoregions in the Central Amazon. <i>Bragantia</i> , 0, 81, .	1.3	0
46	Analytic Hierarchy Process (AHP) Based Soil Erosion Susceptibility Mapping in Northwestern Himalayas: A Case Study of Central Kashmir Province. <i>Conservation</i> , 2023, 3, 32-52.	0.8	6
47	Variable response of particles and inorganic carbon of two different soils during splash erosion. <i>Catena</i> , 2023, 224, 106958.	2.2	5
48	Effect of slope borders in reducing splash erosion during sediment transport by rain-induced overland flow. <i>European Journal of Soil Science</i> , 2023, 74, .	1.8	2
49	Dripping Rainfall Simulators for Soil Research – Performance Review. <i>Water (Switzerland)</i> , 2023, 15, 1314.	1.2	3