

Minseok Kim

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Direct Observation of Hillslope Scale Storage Selection Functions in Experimental Hydrologic Systems: Geomorphologic Structure and Preferential Discharge of Old Water. <i>Water Resources Research</i> , 2022, 58, .	4.2	7
2	Transit Times and Storage Selection Functions in Idealized Hillslopes With Steady Infiltration. <i>Water Resources Research</i> , 2022, 58, .	4.2	6
3	Physical Interpretation of Time-Varying Storage Selection Functions in a Bench-Scale Hillslope Experiment via Geophysical Imaging of Ages of Water. <i>Water Resources Research</i> , 2022, 58, .	4.2	1
4	Uncovering the hillslope scale flow and transport dynamics in an experimental hydrologic system. <i>Hydrological Processes</i> , 2021, 35, e14337.	2.6	3
5	Transit Time Distributions Estimation Exploiting Flow-Weighted Time: Theory and Proof-of-Concept. <i>Water Resources Research</i> , 2020, 56, e2020WR027186.	4.2	6
6	Highly sampled measurements in a controlled atmosphere at the Biosphere 2 Landscape Evolution Observatory. <i>Scientific Data</i> , 2020, 7, 306.	5.3	1
7	Seasonal and Topographic Variations in Ecohydrological Separation Within a Small, Temperate, Snow-Influenced Catchment. <i>Water Resources Research</i> , 2019, 55, 6417-6435.	4.2	32
8	Characterizing the Fluxes and Age Distribution of Soil Water, Plant Water, and Deep Percolation in a Model Tropical Ecosystem. <i>Water Resources Research</i> , 2019, 55, 3307-3327.	4.2	73
9	A low-dimensional model of bedrock weathering and lateral flow coevolution in hillslopes: 1. Hydraulic theory of reactive transport. <i>Hydrological Processes</i> , 2019, 33, 466-475.	2.6	16
10	Particle tracer transport in a sloping soil lysimeter under periodic, steady state conditions. <i>Journal of Hydrology</i> , 2019, 569, 61-76.	5.4	17
11	The mechanistic basis for storage-dependent age distributions of water discharged from an experimental hillslope. <i>Water Resources Research</i> , 2017, 53, 2733-2754.	4.2	46
12	Transit time distributions and storage selection functions in a sloping soil lysimeter with time-varying flow paths: Direct observation of internal and external transport variability. <i>Water Resources Research</i> , 2016, 52, 7105-7129.	4.2	60
13	An efficient tracer test for time-variable transit time distributions in periodic hydrodynamic systems. <i>Geophysical Research Letters</i> , 2014, 41, 1567-1575.	4.0	37
14	Comparison of RUSLE and LISEM for the Evaluation of Spatial Distribution of Simulated Sediment Yield. <i>Korean Society of Hazard Mitigation</i> , 2012, 12, 199-206.	0.2	3
15	Controlled Experiments of Hillslope Coevolution at the Biosphere 2 Landscape Evolution Observatory: Toward Prediction of Coupled Hydrological, Biogeochemical, and Ecological Change. , 0, .		9