

Regionalization of transit time estimates in montane catchments

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Towards a simple dynamic process conceptualization in rainfall-runoff models using multi-criteria calibration and tracers in temperate, upland catchments. Hydrological Processes, 2010, 24, 260-275.	1.1	60
2	Tracers and transit times: windows for viewing catchment scale storage?. Hydrological Processes, 2009, 23, 3503-3507.	1.1	90
3	Catchment transit times and landscape controls—does scale matter?. Hydrological Processes, 2010, 24, 117-125.	1.1	85
4	Truncation of stream residence time: how the use of stable isotopes has skewed our concept of streamwater age and origin. Hydrological Processes, 2010, 24, 1646-1659.	1.1	181
5	Controls on snowmelt water mean transit times in northern boreal catchments. Hydrological Processes, 2010, 24, 1672-1684.	1.1	62
6	Are transit times useful process-based tools for flow prediction and classification in ungauged basins in montane regions?. Hydrological Processes, 2010, 24, 1685-1696.	1.1	29
7	Isotopic and geochemical tracers reveal similarities in transit times in contrasting mesoscale catchments. Hydrological Processes, 2010, 24, 1211-1224.	1.1	36
8	Assessing the impact of mixing assumptions on the estimation of streamwater mean residence time. Hydrological Processes, 2010, 24, 1730-1741.	1.1	83
9	Comparing chloride and water isotopes as hydrological tracers in two Scottish catchments. Hydrological Processes, 2010, 24, 1631-1645.	1.1	121
10	Storm flow and baseflow response to reduced acid deposition—using Bayesian compositional analysis in hydrograph separation with changing end members. Hydrological Processes, 2010, 24, 2300-2312.	1.1	10
11	Preferential flows and travel time distributions: defining adequate hypothesis tests for hydrological process models. Hydrological Processes, 2010, 24, 1537-1547.	1.1	90
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13	Catchment processes and heterogeneity at multiple scales—benchmarking observations, conceptualization and prediction. Hydrological Processes, 2010, 24, 2203-2208.	1.1	25
14	How old is streamwater? Open questions in catchment transit time conceptualization, modelling and analysis. Hydrological Processes, 2010, 24, 1745-1754.	1.1	276
15	Spatial distribution of transit times in montane catchments: conceptualization tools for management. Hydrological Processes, 2010, 24, 3283-3288.	1.1	24
16	Factors influencing chloride deposition in a coastal hilly area and application to chloride deposition mapping. Hydrology and Earth System Sciences, 2010, 14, 801-813.	1.9	53
17	Integrated response and transit time distributions of watersheds by combining hydrograph separation and long-term transit time modeling. Hydrology and Earth System Sciences, 2010, 14, 1537-1549.	1.9	81
18	Gamma distribution models for transit time estimation in catchments: Physical interpretation of parameters and implications for time-variant transit time assessment. Water Resources Research, 2010, 46, .	1.7	146

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19	Using time domain and geographic source tracers to conceptualize streamflow generation processes in lumped rainfall-runoff models. <i>Water Resources Research</i> , 2011, 47, .	1.7	86
20	Effect of spatial heterogeneity of runoff generation mechanisms on the scaling behavior of event runoff responses in a natural river basin. <i>Water Resources Research</i> , 2011, 47, .	1.7	44
21	Landscape structure and climate influences on hydrologic response. <i>Water Resources Research</i> , 2011, 47, .	1.7	76
22	Hydrological landscape classification: investigating the performance of HAND based landscape classifications in a central European meso-scale catchment. <i>Hydrology and Earth System Sciences</i> , 2011, 15, 3275-3291.	1.9	121
23	Relative influence of upland and lowland headwaters on the isotope hydrology and transit times of larger catchments. <i>Journal of Hydrology</i> , 2011, 400, 438-447.	2.3	51
24	Sensitivity of mean transit time estimates to model conditioning and data availability. <i>Hydrological Processes</i> , 2011, 25, 980-990.	1.1	62
25	Storage as a Metric of Catchment Comparison. <i>Hydrological Processes</i> , 2011, 25, 3364-3371.	1.1	142
26	Catchment-scale estimates of flow path partitioning and water storage based on transit time and runoff modelling. <i>Hydrological Processes</i> , 2011, 25, 3960-3976.	1.1	64
27	Water storage in a till catchment. II: Implications of transmissivity feedback for flow paths and turnover times. <i>Hydrological Processes</i> , 2011, 25, 3950-3959.	1.1	80
28	Using lumped conceptual rainfall-runoff models to simulate daily isotope variability with fractionation in a nested mesoscale catchment. <i>Advances in Water Resources</i> , 2011, 34, 383-394.	1.7	40
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31	A comparison of similarity indices for catchment classification using a cross-regional dataset. <i>Advances in Water Resources</i> , 2012, 40, 11-22.	1.7	85
32	Quantifying catchment-scale mixing and its effect on time-varying travel time distributions. <i>Water Resources Research</i> , 2012, 48, .	1.7	124
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39	Catchment-scale herbicides transport: Theory and application. <i>Advances in Water Resources</i> , 2013, 52, 232-242.	1.7	45
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75	Effect of bedrock permeability on stream base flow mean transit time scaling relationships: 2. Process study of storage and release. <i>Water Resources Research</i> , 2016, 52, 1375-1397.	1.7	45
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