

# Relating transient storage to channel complexity in stream Hole, Wyoming

Water Resources Research

43,

DOI: [10.1029/2005wr004626](https://doi.org/10.1029/2005wr004626)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Variability in surface–subsurface hydrologic interactions and implications for nutrient retention in an arid–land stream. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	34
2	Hydrologic spiralling: the role of multiple interactive flow paths in stream ecosystems. <i>River Research and Applications</i> , 2008, 24, 1018-1031.	1.7	107
3	Hyporheic exchange and water chemistry of two arctic tundra streams of contrasting geomorphology. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	21
4	Buffered, lagged, or cooled? Disentangling hyporheic influences on temperature cycles in stream channels. <i>Water Resources Research</i> , 2008, 44, .	4.2	168
5	Effects of stream–aquifer disconnection on local flow patterns. <i>Water Resources Research</i> , 2008, 44, .	4.2	19
6	Solute transport in rivers with multiple storage zones: The STIR model. <i>Water Resources Research</i> , 2008, 44, .	4.2	83
7	Evaluating Bacteriophage P22 as a Tracer in a Complex Surface Water System: The Grand River, Michigan. <i>Environmental Science &amp; Technology</i> , 2008, 42, 2426-2431.	10.0	35
8	Whole–Stream Response to Nitrate Loading in Three Streams Draining Agricultural Landscapes. <i>Journal of Environmental Quality</i> , 2008, 37, 1133-1144.	2.0	69
9	Hyporheic Exchange in Mountain Rivers II: Effects of Channel Morphology on Mechanics, Scales, and Rates of Exchange. <i>Geography Compass</i> , 2009, 3, 1038-1062.	2.7	177
10	Hyporheic Exchange in Mountain Rivers I: Mechanics and Environmental Effects. <i>Geography Compass</i> , 2009, 3, 1063-1086.	2.7	195
11	Transient storage and downstream solute transport in nested stream reaches affected by beaver dams. <i>Hydrological Processes</i> , 2009, 23, 2438-2449.	2.6	34
12	Impacts of agricultural land use on ecosystem structure and whole–stream metabolism of tropical Cerrado streams. <i>Freshwater Biology</i> , 2009, 54, 2069-2085.	2.4	113
13	Scaling dispersion model for pollutant transport in rivers. <i>Environmental Modelling and Software</i> , 2009, 24, 627-631.	4.5	24
14	Interactions Between Biogeochemistry and Hydrologic Systems. <i>Annual Review of Environment and Resources</i> , 2009, 34, 65-96.	13.4	138
15	A method for estimating surface transient storage parameters for streams with concurrent hyporheic storage. <i>Water Resources Research</i> , 2009, 45, .	4.2	115
16	Variable residence time–based model for solute transport in streams. <i>Water Resources Research</i> , 2009, 45, .	4.2	35
17	Quantifying the effect of in-stream rock clasts on the retardation of heat along a stream. <i>Advances in Water Resources</i> , 2010, 33, 1417-1425.	3.8	29
18	Variation in surface water–groundwater exchange with land use in an urban stream. <i>Journal of Hydrology</i> , 2010, 392, 1-11.	5.4	25

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19	Evaluating nitrate uptake in a Rocky Mountain stream using labelled <sup>15</sup> N and ambient nitrate chemistry. <i>Hydrological Processes</i> , 2010, 24, 3322-3336.	2.6	16
20	Effect of channel size on solute residence time distributions in rivers. <i>Advances in Water Resources</i> , 2010, 33, 1118-1127.	3.8	30
21	Inter-regional comparison of land-use effects on stream metabolism. <i>Freshwater Biology</i> , 2010, 55, 1874-1890.	2.4	267
22	Stream geomorphology regulates the effects on periphyton of ecosystem engineering and nutrient enrichment by Pacific salmon. <i>Freshwater Biology</i> , 2010, 55, 2598-2611.	2.4	36
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24	Combined role of advective pumping and mechanical dispersion on time scales of bed form-induced hyporheic exchange. <i>Water Resources Research</i> , 2010, 46, .	4.2	60
25	Simulating unsteady flow, anabranching, and hyporheic dynamics in a glacial meltwater stream using a coupled surface water routing and groundwater flow model. <i>Water Resources Research</i> , 2011, 47, .	4.2	28
26	Surface storage dynamics in large rivers: Comparing three-dimensional particle transport, one-dimensional fractional derivative, and multirate transient storage models. <i>Water Resources Research</i> , 2011, 47, .	4.2	42
27	Interdisciplinary perspectives on processes in the hyporheic zone. <i>Ecohydrology</i> , 2011, 4, 481-499.	2.4	245
28	Evidence of distinct contaminant transport patterns in rivers using tracer tests and a multiple domain retention model. <i>Advances in Water Resources</i> , 2011, 34, 737-746.	3.8	39
29	Range of variability of channel complexity in urban, restored and forested reference streams. <i>Freshwater Biology</i> , 2012, 57, 1076-1095.	2.4	42
30	Using high-resolution distributed temperature sensing to quantify spatial and temporal variability in vertical hyporheic flux. <i>Water Resources Research</i> , 2012, 48, .	4.2	172
31	Controls on solute transport in large spring-fed karst rivers. <i>Limnology and Oceanography</i> , 2012, 57, 912-924.	3.1	20
32	Hydrologic response to channel reconfiguration on Silver Bow Creek, Montana. <i>Journal of Hydrology</i> , 2012, 438-439, 125-136.	5.4	25
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36	Nutrient uptake in a stream affected by hydropower plants: comparison between stream channels and diversion canals. <i>Hydrobiologia</i> , 2013, 712, 105-116.	2.0	10

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38	Intrastream variability in solute transport: Hydrologic and geomorphic controls on solute retention. <i>Journal of Geophysical Research F: Earth Surface</i> , 2013, 118, 413-422.	2.8	19
39	Modeling hyporheic exchange with unsteady stream discharge and bedform dynamics. <i>Water Resources Research</i> , 2013, 49, 4089-4099.	4.2	39
40	A fluid-mechanics based classification scheme for surface transient storage in riverine environments: quantitatively separating surface from hyporheic transient storage. <i>Hydrology and Earth System Sciences</i> , 2013, 17, 2747-2779.	4.9	39
41	Re-suspension of bed sediment in a small stream “ results from two flushing experiments. <i>Hydrology and Earth System Sciences</i> , 2014, 18, 1043-1052.	4.9	33
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50	Agro-hydrologic Landscapes in the Upper Mississippi and Ohio River Basins. <i>Environmental Management</i> , 2015, 55, 646-656.	2.7	24
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52	Shaping the Physical Template. , 2016, , 85-133.		3
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54	Fluvial seed dispersal of riparian trees: transport and depositional processes. <i>Earth Surface Processes and Landforms</i> , 2016, 41, 615-625.	2.5	18

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56	Management of Large Wood in Streams: An Overview and Proposed Framework for Hazard Evaluation. <i>Journal of the American Water Resources Association</i> , 2016, 52, 315-335.	2.4	84
57	Flipping the thin film model: Mass transfer by hyporheic exchange in gaining and losing streams. <i>Water Resources Research</i> , 2016, 52, 7806-7818.	4.2	7
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