Jeff P Raffensperger

List of Publications by Year
in descending order

11 papers	530 citations	1163117 8 h-index	1281871 11 g-index
24 all docs	24 docs citations	24 times ranked	618 citing authors

#	Article	IF	Citations
1	Estimation of Base Flow by Optimal Hydrograph Separation for the Conterminous United States and Implications for National-Extent Hydrologic Models. Water (Switzerland), 2019, 11, 1629.	2.7	13
2	Coupled heat and fluid flow modeling of the CarboniferousKuna Basin, Alaska: implications for the genesis of the Red Dog PbZnAgBa ore district. Journal of Geochemical Exploration, 2003, 78-79, 215-219.	3.2	22
3	Modeling transport of dissolved silica in a forested headwater catchment: Implications for defining the hydrochemical response of observed flow pathways. Water Resources Research, 2001, 37, 1071-1082.	4.2	83
4	Modelling transport of dissolved silica in a forested headwater catchment: the effect of hydrological and chemical time scales on hysteresis in the concentration-discharge relationship. Hydrological Processes, 2001, 15, 2029-2038.	2.6	80
5	Predictions of hydrothermal alteration within near-ridge oceanic crust from coordinated geochemical and fluid flow models. Journal of Volcanology and Geothermal Research, 2001, 110, 319-341.	2.1	9
6	Shallow subsurface storm flow in a forested headwater catchment: Observations and modeling using a modified TOPMODEL. Water Resources Research, 2000, 36, 2575-2586.	4.2	65
7	Basin-scale hydrogeologic modeling. Reviews of Geophysics, 1996, 34, 61-87.	23.0	140
8	Correction to â€œBasin-scale hydrogeologic modelingâ€• Reviews of Geophysics, 1996, 34, 307-309.	23.0	3
9	Chapter 3 Numerical simulation of sedimentary basin-scale hydrochemical processes. Advances in Porous Media, 1996, 3, 185-305.	0.2	19
10	On the stream function for variable-density groundwater flow. Water Resources Research, 1992, 28, 2141-2145.	4.2	39
11	An Empirical Model of Intrinsic Permeability in Reactive Clay-Bearing Sands. Water Resources Research, 1991, 27, 2835-2844.	4.2	4