

# Jeff P Raffensperger

## List of Publications by Year in descending order

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Version: 2024-02-01

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