

# S Ursula Salmon

## List of Publications by Year in descending order

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16  
papers

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citations

840776

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times ranked

722  
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantifying Lake Water Quality Evolution: Coupled Geochemistry, Hydrodynamics, and Aquatic Ecology in an Acidic Pit Lake. <i>Environmental Science &amp; Technology</i> , 2017, 51, 9864-9875.	10.0	22
2	<sc>PHT3D</sc>: A Reactive Transport Model for Variably Saturated Porous Media. <i>Ground Water</i> , 2016, 54, 23-34.	1.3	8
3	Roles of forest bioproductivity, transpiration and fire in a nine-year record of cave dripwater chemistry from southwest Australia. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 184, 132-150.	3.9	35
4	Identification and quantification of redox and pH buffering processes in a heterogeneous, low carbonate aquifer during managed aquifer recharge. <i>Water Resources Research</i> , 2016, 52, 4003-4025.	4.2	30
5	A general reactive transport modeling framework for simulating and interpreting groundwater $^{14}\text{C}$ age and $^{13}\text{C}$ . <i>Water Resources Research</i> , 2015, 51, 359-376.	4.2	10
6	Spatial and temporal distribution of Au and other trace elements in an estuary using the diffusive gradients in thin films technique and grab sampling. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 171, 156-173.	3.9	13
7	Quantitative Assessment of the Distribution of Dissolved Au, As and Sb in Groundwater Using the Diffusive Gradients in Thin Films Technique. <i>Environmental Science &amp; Technology</i> , 2014, 48, 12141-12149.	10.0	16
8	Reactive transport controls on sandy acid sulfate soils and impacts on shallow groundwater quality. <i>Water Resources Research</i> , 2014, 50, 4924-4952.	4.2	11
9	A three-dimensional hydro-geochemical model to assess lake acidification risk. <i>Environmental Modelling and Software</i> , 2014, 61, 433-457.	4.5	18
10	Sediment diagenesis models: Review of approaches, challenges and opportunities. <i>Environmental Modelling and Software</i> , 2014, 61, 297-325.	4.5	56
11	Development of the Diffusive Gradients in Thin Films Technique for the Measurement of Labile Gold in Natural Waters. <i>Analytical Chemistry</i> , 2012, 84, 6994-7000.	6.5	35
12	Does Iron Cycling Trigger Generation of Acidity in Groundwaters of Western Australia?. <i>Environmental Science &amp; Technology</i> , 2009, 43, 6548-6552.	10.0	8
13	Quantification of mineral dissolution rates and applicability of rate laws: Laboratory studies of mill tailings. <i>Applied Geochemistry</i> , 2006, 21, 269-288.	3.0	29
14	Quantification of Abiotic Reaction Rates in Mine Tailings: Evaluation of Treatment Methods for Eliminating Iron- and Sulfur-Oxidizing Bacteria. <i>Environmental Science &amp; Technology</i> , 2005, 39, 770-777.	10.0	21
15	Geochemical processes in mill tailings deposits: modelling of groundwater composition. <i>Applied Geochemistry</i> , 2004, 19, 1-17.	3.0	46
16	Geochemical investigations of sulfide-bearing tailings at Kristineberg, northern Sweden, a few years after remediation. <i>Science of the Total Environment</i> , 2001, 273, 111-133.	8.0	59