S Ursula Salmon

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4010505/publications.pdf

Version: 2024-02-01

16	417	840776 11	940533 16
papers	citations	h-index	g-index

16	16	16	722
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Geochemical investigations of sulfide-bearing tailings at Kristineberg, northern Sweden, a few years after remediation. Science of the Total Environment, 2001, 273, 111-133.	8.0	59
2	Sediment diagenesis models: Review of approaches, challenges and opportunities. Environmental Modelling and Software, 2014, 61, 297-325.	4.5	56
3	Geochemical processes in mill tailings deposits: modelling of groundwater composition. Applied Geochemistry, 2004, 19, 1-17.	3.0	46
4	Development of the Diffusive Gradients in Thin Films Technique for the Measurement of Labile Gold in Natural Waters. Analytical Chemistry, 2012, 84, 6994-7000.	6.5	35
5	Roles of forest bioproductivity, transpiration and fire in a nine-year record of cave dripwater chemistry from southwest Australia. Geochimica Et Cosmochimica Acta, 2016, 184, 132-150.	3.9	35
6	Identification and quantification of redox and pH buffering processes in a heterogeneous, low carbonate aquifer during managed aquifer recharge. Water Resources Research, 2016, 52, 4003-4025.	4.2	30
7	Quantification of mineral dissolution rates and applicability of rate laws: Laboratory studies of mill tailings. Applied Geochemistry, 2006, 21, 269-288.	3.0	29
8	Quantifying Lake Water Quality Evolution: Coupled Geochemistry, Hydrodynamics, and Aquatic Ecology in an Acidic Pit Lake. Environmental Science & Technology, 2017, 51, 9864-9875.	10.0	22
9	Quantification of Abiotic Reaction Rates in Mine Tailings:Â Evaluation of Treatment Methods for Eliminating Iron- and Sulfur-Oxidizing Bacteria. Environmental Science & Technology, 2005, 39, 770-777.	10.0	21
10	A three-dimensional hydro-geochemical model to assess lake acidification risk. Environmental Modelling and Software, 2014, 61, 433-457.	4.5	18
11	Quantitative Assessment of the Distribution of Dissolved Au, As and Sb in Groundwater Using the Diffusive Gradients in Thin Films Technique. Environmental Science & Technology, 2014, 48, 12141-12149.	10.0	16
12	Spatial and temporal distribution of Au and other trace elements in an estuary using the diffusive gradients in thin films technique and grab sampling. Geochimica Et Cosmochimica Acta, 2015, 171, 156-173.	3.9	13
13	Reactive transport controls on sandy acid sulfate soils and impacts on shallow groundwater quality. Water Resources Research, 2014, 50, 4924-4952.	4.2	11
14	A general reactive transport modeling framework for simulating and interpreting groundwater14C age and Î´13C. Water Resources Research, 2015, 51, 359-376.	4.2	10
15	Does Iron Cycling Trigger Generation of Acidity in Groundwaters of Western Australia?. Environmental Science & Technology, 2009, 43, 6548-6552.	10.0	8
16	<scp>PHT3Dâ€UZF</scp>: A Reactive Transport Model for Variablyâ€Saturated Porous Media. Ground Water, 2016, 54, 23-34.	1.3	8