Janet G Hering

List of Publications by Year
in descending order

36 papers	1,311 citations	430874 18 h-index	395702 33 g-index
39 all docs	39 docs citations	39 times ranked	1997 citing authors

#	Article	IF	Citations
1	Catalytic effects of photogenerated Fe(II) on the ligand-controlled dissolution of Iron(hydr)oxides by EDTA and DFOB. Chemosphere, 2021, 263, 128188.	8.2	3
2	A Champion for Chemistry: Elements of Jim Morganâ€™s Intellectual Legacy. Environmental Science & Technology, 2021, 55, 14347-14352.	10.0	1
3	James J. Morgan: Special Tribute Issue. Environmental Science & Technology, 2021, 55, 14331-14332.	10.0	0
4	Linking Isotope Exchange with Fe(II)-Catalyzed Dissolution of Iron(hydr)oxides in the Presence of the Bacterial Siderophore Desferrioxamine-B. Environmental Science & Technology, 2020, 54, 768-777.	10.0	5
5	Fe(II)-Catalyzed Ligand-Controlled Dissolution of Iron(hydr)oxides. Environmental Science & Technology, 2019, 53, 88-97.	10.0	26
6	Drink safely with biomimetic nanotechnology. Nature Nanotechnology, 2019, 14, 5-6.	31.5	8
7	Low Fe(II) Concentrations Catalyze the Dissolution of Various Fe(III) (hydr)oxide Minerals in the Presence of Diverse Ligands and over a Broad pH Range. Environmental Science & Technology, 2019, 53, 98-107.	10.0	34
8	Implementation Science for the Environment. Environmental Science & Technology, 2018, 52, 5555-5560.	10.0	15
9	Structure and reactivity of oxalate surface complexes on lepidocrocite derived from infrared spectroscopy, DFT-calculations, adsorption, dissolution and photochemical experiments. Geochimica Et Cosmochimica Acta, 2018, 226, 244-262.	3.9	37
10	Harvesting Experience for Sustainable Urban Water Management. Water Resources Development and Management, 2018, , 61-75.	0.4	4
11	Arsenate co-precipitation with Fe(II) oxidation products and retention or release during precipitate aging. Water Research, 2018, 131, 334-345.	11.3	69
12	Crossing Researcher-Public Boundaries. Environmental Science & Technology, 2017, 51, 1057-1057.	10.0	2
13	Maintaining Trust and Objectivity in the Context of Use-Inspired Research. Environmental Science & Technology, 2017, 51, 1054-1054.	10.0	1
14	Scientists Duty to the Truth. Environmental Science & Technology, 2017, 51, 1058-1058.	10.0	2
15	Exploring transdisciplinary integration within a large research program: Empirical lessons from four thematic synthesis processes. Research Policy, 2017, 46, 678-692.	6.4	63
16	Methods and procedures of transdisciplinary knowledge integration: empirical insights from four thematic synthesis processes. Ecology and Society, 2017, 22, .	2.3	52
17	Managing the â€˜Monitoring Imperativeâ€™ in the Context of SDG Target 6.3 on Water Quality and Wastewater. Sustainability, 2017, 9, 1572.	3.2	10
18	Do we need â€œmore researchâ€•or better implementation through knowledge brokering?. Sustainability Science, 2016, 11, 363-369.	4.9	79

#	Article	IF	Citations
19	Composition and structure of Fe(III)-precipitates formed by Fe(II) oxidation in water at near-neutral pH: Interdependent effects of phosphate, silicate and Ca. Geochimica Et Cosmochimica Acta, 2015, 162, 220-246.	3.9	90
20	Strontium hydroxyapatite and strontium carbonate as templates for the precipitation of calcium-phosphates in the absence and presence of fluoride. Journal of Crystal Growth, 2014, 396, 71-78.	1.5	12
21	Engagement at the Scienceâ€"Policy Interface. Environmental Science & Technology, 2014, 48, 11031-11033.	10.0	12
22	Column studies to assess the effects of climate variables on redox processes during riverbank filtration. Water Research, 2014, 61, 263-275.	11.3	32
23	A Changing Framework for Urban Water Systems. Environmental Science & Technology, 2013, 47, 10721-10726.	10.0	208
24	Interdisciplinary Research to Address Societal Issues. Environmental Science & Technology, 2013, 47, 6730-6731.	10.0	0
25	Water Resources Management: What Should Be Integrated?. Science, 2012, 336, 1234-1235.	12.6	144
26	Uptake of Fluoride from Aqueous Solution on Nano-Sized Hydroxyapatite: Examination of a Fluoridated Surface Layer. Environmental Science & Technology, 2012, 46, 802-809.	10.0	105
27	Assessing the Societal Benefits of Applied Research and Expert Consulting in Water Science and Technology. Gaia, 2012, 21, 95-101.	0.7	8
28	Potential for release of sediment phosphorus to Lake Powell (Utah and Arizona) due to sediment resuspension during low water level. Lake and Reservoir Management, 2011, 27, 365-375.	1.3	14
29	Hydrologic and Biogeochemical Controls of River Subsurface Solutes under Agriculturally Enhanced Ground Water Flow. Journal of Environmental Quality, 2009, 38, 1830-1840.	2.0	1
30	Neurotoxicity of manganese oxide nanomaterials. Journal of Nanoparticle Research, 2009, 11, 1957-1969.	1.9	40
31	Enhancement of Arsenic(III) Sequestration by Manganese Oxides in the Presence of Iron(II). Water, Air, and Soil Pollution, 2009, 203, 359-368.	2.4	42
32	Influences of the unsaturated, saturated, and riparian zones on the transport of nitrate near the Merced River, California, USA. Hydrogeology Journal, 2008, 16, 675-690.	2.1	19
33	Contrasting Sorption Behavior of Arsenic (III) and Arsenic(V) in Suspensions of Iron and Aluminum Oxyhydroxides. ACS Symposium Series, 2005, , 8-24.	0.5	18
34	Biogeochemical controls on the mobility and bioavailability of metals in soils and groundwater. Aquatic Sciences, 2004, 66, 1-2.	1.5	34
35	Removal of chromium(VI) from drinking water by redox-assisted coagulation with iron(II). Journal of Water Supply: Research and Technology - AQUA, 2003, 52, 319-332.	1.4	31
36	Influence of solution saturation state on the kinetics of ligand-controlled dissolution of oxide phases. Geochimica Et Cosmochimica Acta, 1997, 61, 2855-2866.	3.9	54