

Janet G Hering

List of Publications by Year in descending order

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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	A Changing Framework for Urban Water Systems. <i>Environmental Science & Technology</i> , 2013, 47, 10721-10726.	10.0	208
2	Water Resources Management: What Should Be Integrated?. <i>Science</i> , 2012, 336, 1234-1235.	12.6	144
3	Uptake of Fluoride from Aqueous Solution on Nano-Sized Hydroxyapatite: Examination of a Fluoridated Surface Layer. <i>Environmental Science & Technology</i> , 2012, 46, 802-809.	10.0	105
4	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. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 162, 220-246.	3.9	90
5	Do we need "more research" or better implementation through knowledge brokering?. <i>Sustainability Science</i> , 2016, 11, 363-369.	4.9	79
6	Arsenate co-precipitation with Fe(II) oxidation products and retention or release during precipitate aging. <i>Water Research</i> , 2018, 131, 334-345.	11.3	69
7	Exploring transdisciplinary integration within a large research program: Empirical lessons from four thematic synthesis processes. <i>Research Policy</i> , 2017, 46, 678-692.	6.4	63
8	Influence of solution saturation state on the kinetics of ligand-controlled dissolution of oxide phases. <i>Geochimica Et Cosmochimica Acta</i> , 1997, 61, 2855-2866.	3.9	54
9	Methods and procedures of transdisciplinary knowledge integration: empirical insights from four thematic synthesis processes. <i>Ecology and Society</i> , 2017, 22, .	2.3	52
10	Enhancement of Arsenic(III) Sequestration by Manganese Oxides in the Presence of Iron(II). <i>Water, Air, and Soil Pollution</i> , 2009, 203, 359-368.	2.4	42
11	Neurotoxicity of manganese oxide nanomaterials. <i>Journal of Nanoparticle Research</i> , 2009, 11, 1957-1969.	1.9	40
12	Structure and reactivity of oxalate surface complexes on lepidocrocite derived from infrared spectroscopy, DFT-calculations, adsorption, dissolution and photochemical experiments. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 226, 244-262.	3.9	37
13	Biogeochemical controls on the mobility and bioavailability of metals in soils and groundwater. <i>Aquatic Sciences</i> , 2004, 66, 1-2.	1.5	34
14	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. <i>Environmental Science & Technology</i> , 2019, 53, 98-107.	10.0	34
15	Column studies to assess the effects of climate variables on redox processes during riverbank filtration. <i>Water Research</i> , 2014, 61, 263-275.	11.3	32
16	Removal of chromium(VI) from drinking water by redox-assisted coagulation with iron(II). <i>Journal of Water Supply: Research and Technology - AQUA</i> , 2003, 52, 319-332.	1.4	31
17	Fe(II)-Catalyzed Ligand-Controlled Dissolution of Iron(hydr)oxides. <i>Environmental Science & Technology</i> , 2019, 53, 88-97.	10.0	26
18	Influences of the unsaturated, saturated, and riparian zones on the transport of nitrate near the Merced River, California, USA. <i>Hydrogeology Journal</i> , 2008, 16, 675-690.	2.1	19

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19	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
20	Implementation Science for the Environment. Environmental Science & Technology, 2018, 52, 5555-5560.	10.0	15
21	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
22	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
23	Engagement at the Scienceâ€“Policy Interface. Environmental Science & Technology, 2014, 48, 11031-11033.	10.0	12
24	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
25	Assessing the Societal Benefits of Applied Research and Expert Consulting in Water Science and Technology. Gaia, 2012, 21, 95-101.	0.7	8
26	Drink safely with biomimetic nanotechnology. Nature Nanotechnology, 2019, 14, 5-6.	31.5	8
27	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
28	Harvesting Experience for Sustainable Urban Water Management. Water Resources Development and Management, 2018, , 61-75.	0.4	4
29	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
30	Crossing Researcher-Public Boundaries. Environmental Science & Technology, 2017, 51, 1057-1057.	10.0	2
31	Scientists Duty to the Truth. Environmental Science & Technology, 2017, 51, 1058-1058.	10.0	2
32	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
33	Maintaining Trust and Objectivity in the Context of Use-Inspired Research. Environmental Science & Technology, 2017, 51, 1054-1054.	10.0	1
34	A Champion for Chemistry: Elements of Jim Morganâ€™s Intellectual Legacy. Environmental Science & Technology, 2021, 55, 14347-14352.	10.0	1
35	Interdisciplinary Research to Address Societal Issues. Environmental Science & Technology, 2013, 47, 6730-6731.	10.0	0
36	James J. Morgan: Special Tribute Issue. Environmental Science & Technology, 2021, 55, 14331-14332.	10.0	0