

Jonathan E Strivens

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

525
citations

933447

10
h-index

888059

17
g-index

25
all docs

25
docs citations

25
times ranked

472
citing authors

#	ARTICLE	IF	CITATIONS
1	The Uranium from Seawater Program at the Pacific Northwest National Laboratory: Overview of Marine Testing, Adsorbent Characterization, Adsorbent Durability, Adsorbent Toxicity, and Deployment Studies. <i>Industrial & Engineering Chemistry Research</i> , 2016, 55, 4264-4277.	3.7	107
2	Effect of Biofouling on the Performance of Amidoxime-Based Polymeric Uranium Adsorbents. <i>Industrial & Engineering Chemistry Research</i> , 2016, 55, 4328-4338.	3.7	80
3	Elution of Uranium and Transition Metals from Amidoxime-Based Polymer Adsorbents for Sequestering Uranium from Seawater. <i>Industrial & Engineering Chemistry Research</i> , 2016, 55, 4313-4320.	3.7	65
4	Characterization and Testing of Amidoxime-Based Adsorbent Materials to Extract Uranium from Natural Seawater. <i>Industrial & Engineering Chemistry Research</i> , 2016, 55, 4285-4293.	3.7	56
5	Investigations into the Reusability of Amidoxime-Based Polymeric Adsorbents for Seawater Uranium Extraction. <i>Industrial & Engineering Chemistry Research</i> , 2017, 56, 11603-11611.	3.7	38
6	Towards understanding KOH conditioning of amidoxime-based polymer adsorbents for sequestering uranium from seawater. <i>RSC Advances</i> , 2015, 5, 100715-100721.	3.6	32
7	Temperature Dependence of Uranium and Vanadium Adsorption on Amidoxime-Based Adsorbents in Natural Seawater. <i>ChemistrySelect</i> , 2018, 3, 843-848.	1.5	32
8	Influence of Current Velocity on Uranium Adsorption from Seawater Using an Amidoxime-Based Polymer Fiber Adsorbent. <i>Industrial & Engineering Chemistry Research</i> , 2017, 56, 2205-2211.	3.7	26
9	Comparison of Analytical Methods for the Determination of Uranium in Seawater Using Inductively Coupled Plasma Mass Spectrometry. <i>Industrial & Engineering Chemistry Research</i> , 2016, 55, 4344-4350.	3.7	24
10	Potential Impact of Seawater Uranium Extraction on Marine Life. <i>Industrial & Engineering Chemistry Research</i> , 2016, 55, 4278-4284.	3.7	15
11	Uranium Recovery from Seawater Using Amidoxime-Based Braided Polymers Synthesized from Acrylic Fibers. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 13988-13996.	3.7	9
12	Assessment of Impacts of Dissolved Organic Matter and Dissolved Iron on the Performance of Amidoxime-Based Adsorbents for Seawater Uranium Extraction. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 8536-8543.	3.7	8
13	Effects of Dissolved Organic Carbon on Copper Toxicity to Embryos of <i>Mytilus galloprovincialis</i> as Measured by Diffusive Gradient in Thin Films. <i>Environmental Toxicology and Chemistry</i> , 2019, 38, 1029-1034.	4.3	8
14	Toward Validation of Toxicological Interpretation of Diffusive Gradients in Thin Films in Marine Waters Impacted by Copper. <i>Environmental Toxicology and Chemistry</i> , 2020, 39, 873-881.	4.3	6
15	Data trend shifts induced by method of concentration for trace metals in seawater: Automated online preconcentration vs. borohydride reductive coprecipitation of nearshore seawater samples for analysis of Ni, Cu, Zn, Cd, and Pb via ICP-MS. <i>Limnology and Oceanography: Methods</i> , 2019, 17, 266-276.	2.0	4
16	Spatial and temporal baseline of perfluorooctanesulfonic acid retained in sediment core samples from Puget Sound, Washington, USA. <i>Marine Pollution Bulletin</i> , 2021, 167, 112381.	5.0	3
17	Measurement background and the sediment age-dating reach of ³² Si. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2016, 307, 2313-2319.	1.5	2
18	Sequestering Rare Earth Elements and Precious Metals from Seawater Using a Highly Efficient Polymer Adsorbent Derived from Acrylic Fiber. <i>Metals</i> , 2022, 12, 849.	2.3	0