Amanda R Lawter

List of Publications by Year
in descending order

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24	536	567281 15	677142 22
papers	citations	h-index	g-index

33	33	33	535
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Review and experimental comparison of the durability of iodine waste forms in semi-dynamic leach testing. Chemical Engineering Journal Advances, 2022, 11, 100300.	5.2	7
2	Simultaneous immobilization of aqueous co-contaminants using a bismuth layered material. Journal of Environmental Radioactivity, 2021, 237, 106711.	1.7	5
3	Iodine immobilization by materials through sorption and redox-driven processes: A literature review. Science of the Total Environment, 2020, 716, 132820.	8.0	59
4	Technetium immobilization by materials through sorption and redox-driven processes: A literature review. Science of the Total Environment, 2020, 716, 132849.	8.0	19
5	Iodosodalite synthesis with hot isostatic pressing of precursors produced from aqueous and hydrothermal processes. Journal of Nuclear Materials, 2020, 538, 152222.	2.7	18
6	Iodate interactions with calcite: implications for natural attenuation. Environmental Earth Sciences, 2020, 79, 1.	2.7	5
7	Chromate Effect on Iodate Incorporation into Calcite. ACS Earth and Space Chemistry, 2019, 3, 1624-1630.	2.7	16
8	Investigating the Durability of Iodine Waste Forms in Dilute Conditions. Materials, 2019, 12, 686.	2.9	21
9	Element mobilization and immobilization from carbonate rocks between CO2 storage reservoirs and the overlying aquifers during a potential CO2 leakage. Chemosphere, 2018, 197, 399-410.	8.2	16
10	Technetium and iodine aqueous species immobilization and transformations in the presence of strong reductants and calcite-forming solutions: Remedial action implications. Science of the Total Environment, 2018, 636, 588-595.	8.0	17
11	Incorporation Modes of Iodate in Calcite. Environmental Science & Technology, 2018, 52, 5902-5910.	10.0	31
12	Getters for improved technetium containment in cementitious waste forms. Journal of Hazardous Materials, 2018, 341, 238-247.	12.4	25
13	Review of the impacts of leaking CO2 gas and brine on groundwater quality. Earth-Science Reviews, 2017, 169, 69-84.	9.1	42
14	Risk of Geologic Sequestration of CO2 to Groundwater Aquifers: Current Knowledge and Remaining Questions. Energy Procedia, 2017, 114, 3052-3059.	1.8	7
15	Silver-based getters for ¹²⁹I removal from low-activity waste. Radiochimica Acta, 2016, 104, 905-913.	1.2	21
16	Evaluating impacts of CO2 intrusion into an unconsolidated aquifer: I. Experimental data. International Journal of Greenhouse Gas Control, 2016, 44, 323-333.	4.6	31
17	The function of Sn(II)-apatite as a Tc immobilizing agent. Journal of Nuclear Materials, 2016, 480, 393-402.	2.7	18
18	Evaluating impacts of CO2 intrusion into an unconsolidated aquifer: II. Modeling results. International Journal of Greenhouse Gas Control, 2016, 44, 300-309.	4.6	23

#	Article	IF	Citations
19	Removal of TcO₄^{â€“} from Representative Nuclear Waste Streams with Layered Potassium Metal Sulfide Materials. Chemistry of Materials, 2016, 28, 3976-3983.	6.7	56
20	Geochemical impacts of leaking CO2 from subsurface storage reservoirs to an unconfined oxidizing carbonate aquifer. International Journal of Greenhouse Gas Control, 2016, 44, 310-322.	4.6	16
21	Technetium Getters to Improve Cast Stone Performance. Materials Research Society Symposia Proceedings, 2015, 1744, 43-52.	0.1	1
22	Evaluating impacts of CO2 and CH4 gas intrusion into an unconsolidated aquifer: fate of As and Cd. Frontiers in Environmental Science, 2015, 3, .	3.3	4
23	Coupled Geochemical Impacts of Leaking CO₂ and Contaminants from Subsurface Storage Reservoirs on Groundwater Quality. Environmental Science & Technology, 2015, 49, 8202-8209.	10.0	34
24	Evaluating Impacts of CO2 Gas Intrusion Into a Confined Sandstone aquifer: Experimental Results. Energy Procedia, 2014, 63, 3275-3284.	1.8	7