

Joshua A Hubbard

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

101
citations

1937685

4
h-index

1372567

10
g-index

12
all docs

12
docs citations

12
times ranked

172
citing authors

#	ARTICLE	IF	CITATIONS
1	A theoretical investigation of the hydrolysis of uranium hexafluoride: the initiation mechanism and vibrational spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 9634-9647.	2.8	4
2	Airborne Release Fractions from Surrogate Nuclear Waste Fires Containing Lanthanide Nitrates and Depleted Uranium Nitrate in 30% Tributyl Phosphate in Kerosene. <i>Nuclear Technology</i> , 2021, 207, 103-118.	1.2	4
3	UO ₂ F ₂ particulate formation in an impinging jet gas reactor. <i>Reaction Chemistry and Engineering</i> , 2021, 6, 1428-1447.	3.7	3
4	Organophosphorus-Modified Lanthanide Nitrates as Potential Actinide Oxide Aerosol Surrogates. <i>Inorganic Chemistry</i> , 2020, 59, 17149-17161.	4.0	5
5	Experimental and computational study of particle formation kinetics in UF ₆ hydrolysis. <i>Reaction Chemistry and Engineering</i> , 2020, 5, 1708-1718.	3.7	9
6	Aerosol Dynamics Modeling With Chemkin-Pro Surface-Kinetics User-Routines. <i>Journal of Thermal Science and Engineering Applications</i> , 2020, 12, .	1.5	4
7	Aerosol filtration testing for enhanced performance of radionuclide monitoring stations. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2017, 314, 1319-1336.	1.5	1
8	Aerosol detection efficiency in inductively coupled plasma mass spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2016, 119, 50-64.	2.9	3
9	High-Volume Aerosol Filtration and Mitigation of Inertial Particle Rebound. <i>Aerosol Science and Technology</i> , 2014, 48, 530-540.	3.1	7
10	Experimental Study of Electrostatic Aerosol Filtration at Moderate Filter Face Velocity. <i>Aerosol Science and Technology</i> , 2013, 47, 606-615.	3.1	45
11	Experimental Study of Impulse Resuspension with Laser Doppler Vibrometry. <i>Aerosol Science and Technology</i> , 2012, 46, 1303-1312.	3.1	16
12	Determination of Airborne Release Fractions from Solid Surrogate Nuclear Waste Fires. <i>Nuclear Technology</i> , 0, , 1-17.	1.2	0