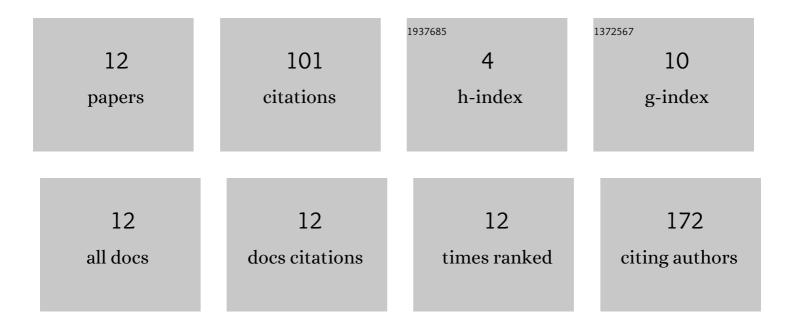
Joshua A Hubbard

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	A theoretical investigation of the hydrolysis of uranium hexafluoride: the initiation mechanism and vibrational spectroscopy. Physical Chemistry Chemical Physics, 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. Nuclear Technology, 2021, 207, 103-118.	1.2	4
3	UO2F2 particulate formation in an impinging jet gas reactor. Reaction Chemistry and Engineering, 2021, 6, 1428-1447.	3.7	3
4	Organophosphorus-Modified Lanthanide Nitrates as Potential Actinide Oxide Aerosol Surrogates. Inorganic Chemistry, 2020, 59, 17149-17161.	4.0	5
5	Experimental and computational study of particle formation kinetics in UF ₆ hydrolysis. Reaction Chemistry and Engineering, 2020, 5, 1708-1718.	3.7	9
6	Aerosol Dynamics Modeling With Chemkin-Pro Surface-Kinetics User-Routines. Journal of Thermal Science and Engineering Applications, 2020, 12, .	1.5	4
7	Aerosol filtration testing for enhanced performance of radionuclide monitoring stations. Journal of Radioanalytical and Nuclear Chemistry, 2017, 314, 1319-1336.	1.5	1
8	Aerosol detection efficiency in inductively coupled plasma mass spectrometry. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2016, 119, 50-64.	2.9	3
9	High-Volume Aerosol Filtration and Mitigation of Inertial Particle Rebound. Aerosol Science and Technology, 2014, 48, 530-540.	3.1	7
10	Experimental Study of Electrostatic Aerosol Filtration at Moderate Filter Face Velocity. Aerosol Science and Technology, 2013, 47, 606-615.	3.1	45
11	Experimental Study of Impulse Resuspension with Laser Doppler Vibrometry. Aerosol Science and Technology, 2012, 46, 1303-1312.	3.1	16
12	Determination of Airborne Release Fractions from Solid Surrogate Nuclear Waste Fires. Nuclear Technology, 0, , 1-17.	1.2	0