Allison L Dzubak

List of Publications by Year
in descending order

12	2,531	840776 11	1058476 14
papers	citations	h-index	g-index

14	14	14	3997
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	MnNiO3 revisited with modern theoretical and experimental methods. Journal of Chemical Physics, 2017, 147, 174703.	3.0	10
2	Cooperative insertion of CO2 in diamine-appended metal-organic frameworks. Nature, 2015, 519, 303-308.	27.8	1,026
3	CO₂ induced phase transitions in diamine-appended metalâ€“organic frameworks. Chemical Science, 2015, 6, 5177-5185.	7.4	45
4	Oxidation of ethane to ethanol by N2O in a metalâ€“organic framework with coordinatively unsaturated iron(II) sites. Nature Chemistry, 2014, 6, 590-595.	13.6	398
5	Design of a Metalâ€“Organic Framework with Enhanced Back Bonding for Separation of N₂ and CH₄. Journal of the American Chemical Society, 2014, 136, 698-704.	13.7	157
6	Uranylâ€“Peroxide Nanocapsules in Aqueous Solution: Force Field Development and First Applications. Journal of Physical Chemistry C, 2014, 118, 24730-24740.	3.1	22
7	CO₂ Adsorption in Fe₂(dobdc): A Classical Force Field Parameterized from Quantum Mechanical Calculations. Journal of Physical Chemistry C, 2014, 118, 12230-12240.	3.1	45
8	Reversible CO Binding Enables Tunable CO/H₂ and CO/N₂ Separations in Metalâ€“Organic Frameworks with Exposed Divalent Metal Cations. Journal of the American Chemical Society, 2014, 136, 10752-10761.	13.7	210
9	The Mechanism of Carbon Dioxide Adsorption in an Alkylamine-Functionalized Metalâ€“Organic Framework. Journal of the American Chemical Society, 2013, 135, 7402-7405.	13.7	208
10	Ab initio carbon capture in open-site metalâ€“organic frameworks. Nature Chemistry, 2012, 4, 810-816.	13.6	310
11	A Combined Spectroscopic and Computational Study of a High-Spin S = 7/2 Diiron Complex with a Short Ironâ€“Iron Bond. Inorganic Chemistry, 2012, 51, 728-736.	4.0	45
12	Assessing Metalâ€“Metal Multiple Bonds in Crï¿¿Cr, Moï¿¿Mo, and Wï¿¿W Compounds and a Hypothetical Uï¿¿U Compound: A Quantum Chemical Study Comparing DFT and Multireference Methods. Chemistry - A European Journal, 2012, 18, 1737-1749.	3.3	53