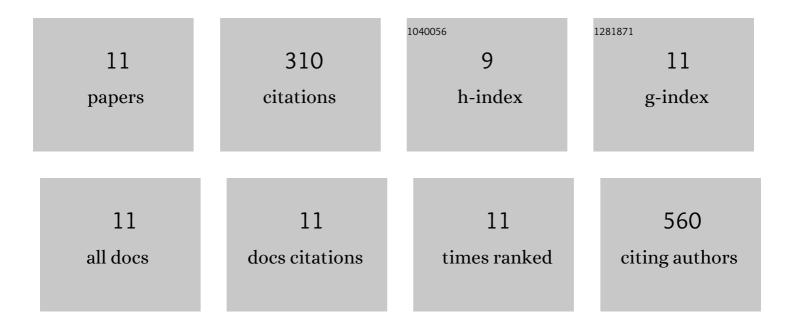
Mitchell R Armstrong

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Particle size studies to reveal crystallization mechanisms of the metal organic framework HKUST-1 during sonochemical synthesis. Ultrasonics Sonochemistry, 2017, 34, 365-370.	8.2	52
2	UiO-66 MOF and Poly(vinyl cinnamate) Nanofiber Composite Membranes Synthesized by a Facile Three-Stage Process. Industrial & Engineering Chemistry Research, 2015, 54, 12386-12392.	3.7	49
3	Influences of Deprotonation and Modulation on Nucleation and Growth of UiO-66: Intergrowth and Orientation. Journal of Physical Chemistry C, 2018, 122, 2200-2206.	3.1	47
4	Investigation of Missing-Cluster Defects in UiO-66 and Ferrocene Deposition into Defect-Induced Cavities. Industrial & Engineering Chemistry Research, 2018, 57, 14233-14241.	3.7	44
5	Nanofiber-based Matrimid organogel membranes for battery separator. Journal of Membrane Science, 2018, 546, 158-164.	8.2	29
6	Adsorption and diffusion of carbon dioxide on the metal-organic framework CuBTB. Chemical Engineering Science, 2017, 167, 10-17.	3.8	23
7	Hierarchical Pore Structures and High ZIF-8 Loading on Matrimid Electrospun Fibers by Additive Removal from a Blended Polymer Precursor. Industrial & Engineering Chemistry Research, 2016, 55, 9944-9951.	3.7	21
8	A cobalt metalâ€organic framework with small pore size for adsorptive separation of CO ₂ over N ₂ and CH ₄ . AICHE Journal, 2017, 63, 4532-4540.	3.6	21
9	Microscopy Study of Morphology of Electrospun Fiber-MOF Composites with Secondary Growth. MRS Advances, 2017, 2, 2457-2463.	0.9	12
10	Composite MOF mixture as volatile organic compound sensor – A new approach to LMOF sensors. Materials Letters, 2017, 190, 33-36.	2.6	7
11	Core–shell adsorbents by electrospun MOFâ€polymer composites with improved adsorption properties: Theory and experiments. AICHE Journal, 2020, 66, e16816.	3.6	5