

Elliot J Carrington

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

883
citations

1163117

8
h-index

1372567

10
g-index

15
all docs

15
docs citations

15
times ranked

1841
citing authors

#	ARTICLE	IF	CITATIONS
1	Solvent-switchable continuous-breathing behaviour in a diamondoid metal-organic framework and its influence on CO ₂ versus CH ₄ selectivity. <i>Nature Chemistry</i> , 2017, 9, 882-889.	13.6	293
2	Chemical control of structure and guest uptake by a conformationally mobile porous material. <i>Nature</i> , 2019, 565, 213-217.	27.8	219
3	Hydrogen bonding vs. halogen bonding: the solvent decides. <i>Chemical Science</i> , 2017, 8, 5392-5398.	7.4	176
4	Crystallographic studies of gas sorption in metal-organic frameworks. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2014, 70, 404-422.	1.1	79
5	Cocrystals of spironolactone and griseofulvin based on an in silico screening method. <i>CrystEngComm</i> , 2017, 19, 3592-3599.	2.6	39
6	Amino Acid Residues Determine the Response of Flexible Metal-Organic Frameworks to Guests. <i>Journal of the American Chemical Society</i> , 2020, 142, 14903-14913.	13.7	29
7	Lithium Transport in Li ₄ M _{0.4} M ²⁺ _{0.6} S ₄ (M = Al ³⁺ , Ga ³⁺ , and M ²⁺ = Ge ⁴⁺ , Sn ⁴⁺): Combined Crystallographic, Conductivity, Solid State NMR, and Computational Studies. <i>Chemistry of Materials</i> , 2018, 30, 7183-7200.	6.7	28
8	Post-Synthetic Modification Unlocks a 2D-to-3D Switch in MOF Breathing Response: A Single-Crystal XRD Diffraction Mapping Study. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 17920-17924.	13.8	13
9	The Anisotropic Responses of a Flexible Metal-Organic Framework Constructed from Asymmetric Flexible Linkers and Heptanuclear Zinc Carboxylate Secondary Building Units. <i>Crystal Growth and Design</i> , 2019, 19, 5604-5618.	3.0	6
10	Post-Synthetic Modification Unlocks a 2D-to-3D Switch in MOF Breathing Response: A Single-Crystal XRD Diffraction Mapping Study. <i>Angewandte Chemie</i> , 2021, 133, 18064-18068.	2.0	1