Seth B Wiggin

List of Publications by Year
in descending order

16	1,193	1163117 8	1199594 12
papers	citations	h-index	g-index

18	18	18	1946
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Development of a Cambridge Structural Database Subset: A Collection of Metalâ€“Organic Frameworks for Past, Present, and Future. Chemistry of Materials, 2017, 29, 2618-2625.	6.7	718
2	Synthesis and structural study of stoichiometric Bi2Ti2O7 pyrochlore. Journal of Solid State Chemistry, 2004, 177, 139-145.	2.9	179
3	Targeted classification of metalâ€“organic frameworks in the Cambridge structural database (CSD). Chemical Science, 2020, 11, 8373-8387.	7.4	119
4	Deconstruction of Crystalline Networks into Underlying Nets: Relevance for Terminology Guidelines and Crystallographic Databases. Crystal Growth and Design, 2018, 18, 3411-3418.	3.0	65
5	Enabling efficient exploration of metalâ€“organic frameworks in the Cambridge Structural Database. CrystEngComm, 2020, 22, 7152-7161.	2.6	42
6	The launch of a freely accessible MOF CIF collection from the CSD. Matter, 2021, 4, 1105-1106.	10.0	18
7	New insights and innovation from a million crystal structures in the Cambridge Structural Database. Structural Dynamics, 2019, 6, 054301.	2.3	16
8	Boroarsenates:Â A Framework Motif and Family Templated on Cations and Anions. Journal of the American Chemical Society, 2005, 127, 17172-17173.	13.7	14
9	A chiral, 16-ring channel framework and a layered caesium zincoarsenate. Chemical Communications, 2006, , 1100.	4.1	6
10	Iron arsenate frameworks. Dalton Transactions, 2007, , 2935.	3.3	6
11	Redetermination of CaB8O11(OH)4at low temperature. Acta Crystallographica Section E: Structure Reports Online, 2005, 61, i243-i245.	0.2	5
12	Fast energy minimization of the CCDC drug-subset structures by molecule-in-cluster computations allows independent structure validation and model completion. CrystEngComm, 2020, 22, 7420-7431.	2.6	5
13	Finding your place in the world â€“ using the CSD to benchmark your research. Acta Crystallographica Section A: Foundations and Advances, 2015, 71, s526-s526.	0.1	0
14	Harnessing the power of the Cambridge Structural Database in your own way: the CSD Python API. Acta Crystallographica Section A: Foundations and Advances, 2016, 72, s165-s165.	0.1	0
15	Harnessing the knowledge of metalâ€“organic frameworks. Acta Crystallographica Section A: Foundations and Advances, 2017, 73, C53-C53.	0.1	0
16	Temperature validation using the CSD Python API. Acta Crystallographica Section A: Foundations and Advances, 2018, 74, a398-a398.	0.1	0