

# Seth B Wiggin

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1429062/publications.pdf>

Version: 2024-02-01

16  
papers

1,193  
citations

1163117

8  
h-index

1199594

12  
g-index

18  
all docs

18  
docs citations

18  
times ranked

1946  
citing authors

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