

Ian J Bruno

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

25
papers

16,065
citations

13
h-index

28
g-index

28
ext. papers

17,929
ext. citations

3.6
avg, IF

6.7
L-index

#	Paper	IF	Citations
25	Mercury CSD 2.0: new features for the visualization and investigation of crystal structures. <i>Journal of Applied Crystallography</i> , 2008 , 41, 466-470	3.8	6757
24	The Cambridge Structural Database. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2016 , 72, 171-9	1.8	5178
23	New software for searching the Cambridge Structural Database and visualizing crystal structures. <i>Acta Crystallographica Section B: Structural Science</i> , 2002 , 58, 389-97		2525
22	Retrieval of crystallographically-derived molecular geometry information. <i>Journal of Chemical Information and Computer Sciences</i> , 2004 , 44, 2133-44		699
21	Bond lengths in organic and metal-organic compounds revisited: X-H bond lengths from neutron diffraction data. <i>Acta Crystallographica Section B: Structural Science</i> , 2010 , 66, 380-6		279
20	IsoStar: a library of information about nonbonded interactions. <i>Journal of Computer-Aided Molecular Design</i> , 1997 , 11, 525-37	4.2	233
19	WebCSD: the online portal to the Cambridge Structural Database. <i>Journal of Applied Crystallography</i> , 2010 , 43, 362-366	3.8	110
18	New software for statistical analysis of Cambridge Structural Database data. <i>Journal of Applied Crystallography</i> , 2011 , 44, 882-886	3.8	108
17	One in half a million: a solid form informatics study of a pharmaceutical crystal structure. <i>CrystEngComm</i> , 2012 , 14, 2391-2403	3.3	39
16	A crystallographic perspective on sharing data and knowledge. <i>Journal of Computer-Aided Molecular Design</i> , 2014 , 28, 1015-22	4.2	24
15	Factors affecting d-block metal-ligand bond lengths: toward an automated library of molecular geometry for metal complexes. <i>Journal of Chemical Information and Modeling</i> , 2005 , 45, 1727-48	6.1	24
14	Crystallography and Databases. <i>Data Science Journal</i> , 2017 , 16,	2	18
13	Deducing chemical structure from crystallographically determined atomic coordinates. <i>Acta Crystallographica Section B: Structural Science</i> , 2011 , 67, 333-49		17
12	Representation and searching of carbohydrate structures using graph-theoretic techniques. <i>Carbohydrate Research</i> , 1997 , 304, 61-7	2.9	13
11	The next dimension of structural science communication: simple 3D printing directly from a crystal structure. <i>CrystEngComm</i> , 2017 , 19, 690-698	3.3	10
10	Particle Informatics—Advancing Our Understanding of Particle Properties through Digital Design. <i>Crystal Growth and Design</i> , 2019 , 19, 5258-5266	3.5	8
9	Mining the Cambridge Structural Database for Bioisosteres 2012 , 75-101		5

8	Polymer backbone conformation--a challenging task for database information retrieval. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 9596-8	16.4	5
7	Growing the FAIR Community at the Intersection of the Geosciences and Pure and Applied Chemistry. <i>Data Intelligence</i> , 2020 , 2, 139-150	3	5
6	The impact of the Cambridge Structural Database and the small molecule crystal structures it contains: a bibliographic and literature study. <i>CrystEngComm</i> , 2020 , 22, 7233-7241	3.3	3
5	Connecting Chemistry with Global Challenges through Data Standards. <i>Chemistry International</i> , 2017 , 39, 5-8	1.6	2
4	From Experiments to Knowledge. <i>Chemistry International</i> , 2017 , 39, 41-42	1.6	1
3	FAIR enough?. <i>Spectroscopy Europe</i> , 25		1
2	FAIR and Open Data in Science: The Opportunity for IUPAC. <i>Chemistry International</i> , 2021 , 43, 12-16	1.6	1
1	The Development and Application of Knowledge-Based Approaches to Molecular Design 1999 , 243-260		