

Jack D Dunitz

List of Publications by Year in descending order

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26
papers

3,770
citations

394421

19
h-index

552781

26
g-index

28
all docs

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docs citations

28
times ranked

3694
citing authors

#	ARTICLE	IF	CITATIONS
1	Organic Fluorine Hardly Ever Accepts Hydrogen Bonds. <i>Chemistry - A European Journal</i> , 1997, 3, 89-98.	3.3	907
2	Molecular Recognition in Organic Crystals: Directed Intermolecular Bonds or Nonlocalized Bonding?. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 1766-1787.	13.8	403
3	Organic Fluorine: Odd Man Out. <i>ChemBioChem</i> , 2004, 5, 614-621.	2.6	385
4	A test of crystal structure prediction of small organic molecules. <i>Acta Crystallographica Section B: Structural Science</i> , 2000, 56, 697-714.	1.8	376
5	Crystal structure prediction of small organic molecules: a second blind test. <i>Acta Crystallographica Section B: Structural Science</i> , 2002, 58, 647-661.	1.8	334
6	How molecules stick together in organic crystals: weak intermolecular interactions. <i>Chemical Society Reviews</i> , 2009, 38, 2622.	38.1	277
7	Are crystal structures predictable?. <i>Chemical Communications</i> , 2003, , 545-548.	4.1	264
8	A Statistical Study of Density and Packing Variations among Crystalline Isomers. <i>Tetrahedron</i> , 2000, 56, 6595-6601.	1.9	136
9	Molecular Pair Analysis: C-H...F Interactions in the Crystal Structure of Fluorobenzene? And Related Matters. <i>Chemistry - A European Journal</i> , 2006, 12, 6804-6815.	3.3	98
10	Observation of an Eclipsed Csp ³ -CH ₃ Bond in a Tricyclic Orthoamide; Experimental and Theoretical Evidence for C-H...O Hydrogen Bonds. <i>Angewandte Chemie International Edition in English</i> , 1987, 26, 1175-1177.	4.4	87
11	Quantum Mechanical Calculations for Benzene Dimer Energies: Present Problems and Future Challenges. <i>Journal of Chemical Theory and Computation</i> , 2006, 2, 288-291.	5.3	68
12	Is Deuterium Always Smaller than Protium?. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 4208-4210.	13.8	66
13	The Crystal Structure of ² D-Ribose At Last!. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 4503-4505.	13.8	63
14	Pauling's Left-Handed α -Helix. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 4167-4173.	13.8	50
15	Crystal Structure of Potassium Croconate Dihydrate, after 175 Years. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 1779-1780.	13.8	36
16	Exercises in prognostication: Crystal structures and protein folding. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 14309-14311.	7.1	36
17	Alloxan: Is it really a problem structure?. <i>CrystEngComm</i> , 2007, 9, 266.	2.6	34
18	Eine C ³ -gebundene Methylgruppe in ekliptischer Konformation; experimenteller und theoretischer Nachweis von C-H...O-Wasserstoffbrücken. <i>Angewandte Chemie</i> , 1987, 99, 1216-1218.	2.0	29

#	ARTICLE	IF	CITATIONS
19	A Supramolecular Three-Dimensional Hydrogen-Bonded Network with Potential Application in Crystal Engineering Paradigms. <i>Chemistry - A European Journal</i> , 1998, 4, 745-746.	3.3	17
20	The Search for Tricyanomethane (Cyanoforn). <i>Chemistry - A European Journal</i> , 2010, 16, 7224-7230.	3.3	15
21	Bad Language. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 1248-1250.	13.8	10
22	<sc>dl</sc>â€”Ribose Crystal Structures: the Glassyâ€”Crystal Transformation. <i>Helvetica Chimica Acta</i> , 2012, 95, 1687-1693.	1.6	5
23	Schlechte Sprache. <i>Angewandte Chemie</i> , 2019, 131, 1260-1262.	2.0	2
24	Leslie Eleazer Orgel. 12 January 1927 â€” 27 October 2007. <i>Biographical Memoirs of Fellows of the Royal Society</i> , 2013, 59, 277-289.	0.1	1
25	Organic Fluorine: Odd Man Out. <i>ChemInform</i> , 2004, 35, no.	0.0	0
26	Molecular Recognition in Organic Crystals: Directed Intermolecular Bonds or Nonlocalized Bonding?. <i>ChemInform</i> , 2005, 36, no.	0.0	0