

# Jack D Dunitz

## List of Publications by Year in descending order

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26  
papers

3,770  
citations

394286

19  
h-index

552653

26  
g-index

28  
all docs

28  
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.	1.7	907
2	Molecular Recognition in Organic Crystals: Directed Intermolecular Bonds or Nonlocalized Bonding?. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 1766-1787.	7.2	403
3	Organic Fluorine: Odd Man Out. <i>ChemBioChem</i> , 2004, 5, 614-621.	1.3	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.	18.7	277
7	Are crystal structures predictable?. <i>Chemical Communications</i> , 2003, , 545-548.	2.2	264
8	A Statistical Study of Density and Packing Variations among Crystalline Isomers. <i>Tetrahedron</i> , 2000, 56, 6595-6601.	1.0	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.	1.7	98
10	Observation of an Eclipsed Csp <sup>3</sup> -CH <sub>3</sub> 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.	2.3	68
12	Is Deuterium Always Smaller than Protium?. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 4208-4210.	7.2	66
13	The Crystal Structure of <sup>2</sup> D-Ribose At Last!. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 4503-4505.	7.2	63
14	Pauling's Left-Handed $\alpha$ -Helix. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 4167-4173.	7.2	50
15	Crystal Structure of Potassium Croconate Dihydrate, after 175 Years. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 1779-1780.	7.2	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.	3.3	36
17	Alloxan: Is it really a problem structure?. <i>CrystEngComm</i> , 2007, 9, 266.	1.3	34
18	Eine C <sup>3</sup> -gebundene Methylgruppe in ekliptischer Konformation; experimenteller und theoretischer Nachweis von C-H...O-Wasserstoffbrücken. <i>Angewandte Chemie</i> , 1987, 99, 1216-1218.	1.6	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.	1.7	17
20	The Search for Tricyanomethane (Cyanoforn). <i>Chemistry - A European Journal</i> , 2010, 16, 7224-7230.	1.7	15
21	Bad Language. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 1248-1250.	7.2	10
22	<sc>dl</sc>â€”Ribose Crystal Structures: the Glassyâ€”Crystal Transformation. <i>Helvetica Chimica Acta</i> , 2012, 95, 1687-1693.	1.0	5
23	Schlechte Sprache. <i>Angewandte Chemie</i> , 2019, 131, 1260-1262.	1.6	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.	0.1	0
26	Molecular Recognition in Organic Crystals: Directed Intermolecular Bonds or Nonlocalized Bonding?. <i>ChemInform</i> , 2005, 36, no.	0.1	0