

Joshua J Mckinnon

List of Publications by Citations

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18
papers

8,680
citations

15
h-index

18
g-index

18
ext. papers

10,308
ext. citations

3.8
avg, IF

6.28
L-index

#	Paper	IF	Citations
18	Fingerprinting intermolecular interactions in molecular crystals. <i>CrystEngComm</i> , 2002 , 4, 378-392	3.3	2380
17	Towards quantitative analysis of intermolecular interactions with Hirshfeld surfaces. <i>Chemical Communications</i> , 2007 , 3814-6	5.8	2014
16	Novel tools for visualizing and exploring intermolecular interactions in molecular crystals. <i>Acta Crystallographica Section B: Structural Science</i> , 2004 , 60, 627-68		1741
15	Hirshfeld Surfaces: A New Tool for Visualising and Exploring Molecular Crystals. <i>Chemistry - A European Journal</i> , 1998 , 4, 2136-2141	4.8	556
14	Hirshfeld Surfaces Identify Inadequacies in Computations of Intermolecular Interactions in Crystals: Pentamorphic 1,8-Dihydroxyanthraquinone. <i>Crystal Growth and Design</i> , 2008 , 8, 4517-4525	3.5	389
13	Comparing entire crystal structures: structural genetic fingerprinting. <i>CrystEngComm</i> , 2007 , 9, 648	3.3	378
12	: a program for Hirshfeld surface analysis, visualization and quantitative analysis of molecular crystals. <i>Journal of Applied Crystallography</i> , 2021 , 54, 1006-1011	3.8	344
11	Visualisation and characterisation of voids in crystalline materials. <i>CrystEngComm</i> , 2011 , 13, 1804-1813	3.3	271
10	Comparison of Polymorphic Molecular Crystal Structures through Hirshfeld Surface Analysis. <i>Crystal Growth and Design</i> , 2007 , 7, 755-769	3.5	235
9	Solvent inclusion in the structural voids of form II carbamazepine: single-crystal X-ray diffraction, NMR spectroscopy and Hirshfeld surface analysis. <i>CrystEngComm</i> , 2007 , 9, 728	3.3	147
8	Electrostatic potentials mapped on Hirshfeld surfaces provide direct insight into intermolecular interactions in crystals. <i>CrystEngComm</i> , 2008 ,	3.3	83
7	Polymorphism in 3-methyl-4-methoxy-4'-nitrostilbene (MMONS), a highly active NLO material. <i>CrystEngComm</i> , 2008 , 10, 197-206	3.3	42
6	Controlling the confinement and alignment of fullerene C(70) in para-substituted calix[5]arenes. <i>Chemistry - A European Journal</i> , 2007 , 13, 3907-12	4.8	25
5	Visualising intermolecular interactions in crystals: naphthalene vs. terephthalic acid. <i>Chemical Communications</i> , 1998 , 2071-2072	5.8	23
4	Analysis of the compression of molecular crystal structures using Hirshfeld surfaces. <i>CrystEngComm</i> , 2008 ,	3.3	21
3	Variable temperature Hirshfeld surface analysis of interdigitated calix[6]arene bearing O-alkyl C18 linear chains. <i>CrystEngComm</i> , 2007 , 9, 566	3.3	14
2	Dipole and quadrupole moments of molecules in crystals: a novel approach based on integration over Hirshfeld surfaces. <i>Journal of Chemical Physics</i> , 2006 , 124, 74106	3.9	12

- 1 Electric field-derived point charges to mimic the electrostatics in molecular crystals. *Journal of Computational Chemistry*, **2006**, 27, 1063-70 3.5 5