

Joshua J Mckinnon

List of Publications by Year in Descending Order

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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.

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 | : 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 |
| 17 | Visualisation and characterisation of voids in crystalline materials. <i>CrystEngComm</i> , 2011 , 13, 1804-1813 | 3.3 | 271 |
| 16 | Polymorphism in 3-methyl-4-methoxy-4'-nitrostilbene (MMONS), a highly active NLO material. <i>CrystEngComm</i> , 2008 , 10, 197-206 | 3.3 | 42 |
| 15 | Analysis of the compression of molecular crystal structures using Hirshfeld surfaces. <i>CrystEngComm</i> , 2008 , | 3.3 | 21 |
| 14 | Electrostatic potentials mapped on Hirshfeld surfaces provide direct insight into intermolecular interactions in crystals. <i>CrystEngComm</i> , 2008 , | 3.3 | 83 |
| 13 | 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 |
| 12 | 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 |
| 11 | 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 |
| 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 | Towards quantitative analysis of intermolecular interactions with Hirshfeld surfaces. <i>Chemical Communications</i> , 2007 , 3814-6 | 5.8 | 2014 |
| 7 | Comparing entire crystal structures: structural genetic fingerprinting. <i>CrystEngComm</i> , 2007 , 9, 648 | 3.3 | 378 |
| 6 | Electric field-derived point charges to mimic the electrostatics in molecular crystals. <i>Journal of Computational Chemistry</i> , 2006 , 27, 1063-70 | 3.5 | 5 |
| 5 | 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 |
| 4 | Novel tools for visualizing and exploring intermolecular interactions in molecular crystals. <i>Acta Crystallographica Section B: Structural Science</i> , 2004 , 60, 627-68 | | 1741 |
| 3 | Fingerprinting intermolecular interactions in molecular crystals. <i>CrystEngComm</i> , 2002 , 4, 378-392 | 3.3 | 2380 |
| 2 | Visualising intermolecular interactions in crystals: naphthalene vs. terephthalic acid. <i>Chemical Communications</i> , 1998 , 2071-2072 | 5.8 | 23 |

- 1 Hirshfeld Surfaces: A New Tool for Visualising and Exploring Molecular Crystals. *Chemistry - A European Journal*, **1998**, 4, 2136-2141 4.8 556