

# Joshua J Mckinnon

## List of Publications by Year in descending order

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18  
papers

12,376  
citations

566801

15  
h-index

839053

18  
g-index

18  
all docs

18  
docs citations

18  
times ranked

6630  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fingerprinting intermolecular interactions in molecular crystals. <i>CrystEngComm</i> , 2002, 4, 378-392.	1.3	3,050
2	Towards quantitative analysis of intermolecular interactions with Hirshfeld surfaces. <i>Chemical Communications</i> , 2007, , 3814.	2.2	2,589
3	Novel tools for visualizing and exploring intermolecular interactions in molecular crystals. <i>Acta Crystallographica Section B: Structural Science</i> , 2004, 60, 627-668.	1.8	2,165
4	<i>CrystalExplorer</i> : a program for Hirshfeld surface analysis, visualization and quantitative analysis of molecular crystals. <i>Journal of Applied Crystallography</i> , 2021, 54, 1006-1011.	1.9	1,744
5	Hirshfeld Surfaces: A New Tool for Visualising and Exploring Molecular Crystals. <i>Chemistry - A European Journal</i> , 1998, 4, 2136-2141.	1.7	710
6	Comparing entire crystal structures: structural genetic fingerprinting. <i>CrystEngComm</i> , 2007, 9, 648.	1.3	486
7	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.	1.4	482
8	Visualisation and characterisation of voids in crystalline materials. <i>CrystEngComm</i> , 2011, 13, 1804-1813.	1.3	397
9	Comparison of Polymorphic Molecular Crystal Structures through Hirshfeld Surface Analysis. <i>Crystal Growth and Design</i> , 2007, 7, 755-769.	1.4	296
10	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.	1.3	157
11	Electrostatic potentials mapped on Hirshfeld surfaces provide direct insight into intermolecular interactions in crystals. <i>CrystEngComm</i> , 2008, , .	1.3	133
12	Polymorphism in 3-methyl-4-methoxy-4-nitrostilbene (MMONS), a highly active NLO material. <i>CrystEngComm</i> , 2008, 10, 197-206.	1.3	48
13	Analysis of the compression of molecular crystal structures using Hirshfeld surfaces. <i>CrystEngComm</i> , 2008, , .	1.3	36
14	Visualising intermolecular interactions in crystals: naphthalene vs. terephthalic acid. <i>Chemical Communications</i> , 1998, , 2071-2072.	2.2	26
15	Controlling the Confinement and Alignment of Fullerene C70 in para-Substituted Calix[5]arenes. <i>Chemistry - A European Journal</i> , 2007, 13, 3907-3912.	1.7	25
16	Variable temperature Hirshfeld surface analysis of interdigitated calix[6]arene bearing O-alkyl C18 linear chains. <i>CrystEngComm</i> , 2007, 9, 566.	1.3	14
17	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, 074106.	1.2	13
18	Electric field-derived point charges to mimic the electrostatics in molecular crystals. <i>Journal of Computational Chemistry</i> , 2006, 27, 1063-1070.	1.5	5