

Mark A Spackman

List of Publications by Citations

Source: <https://exaly.com/author-pdf/7909210/mark-a-spackman-publications-by-citations.pdf>

Version: 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

134
papers

18,109
citations

45
h-index

134
g-index

139
ext. papers

21,116
ext. citations

4.3
avg, IF

7.25
L-index

#	Paper	IF	Citations
134	Hirshfeld surface analysis. <i>CrystEngComm</i> , 2009 , 11, 19-32	3.3	3999
133	Fingerprinting intermolecular interactions in molecular crystals. <i>CrystEngComm</i> , 2002 , 4, 378-392	3.3	2380
132	Towards quantitative analysis of intermolecular interactions with Hirshfeld surfaces. <i>Chemical Communications</i> , 2007 , 3814-6	5.8	2014
131	Novel tools for visualizing and exploring intermolecular interactions in molecular crystals. <i>Acta Crystallographica Section B: Structural Science</i> , 2004 , 60, 627-68		1741
130	A novel definition of a molecule in a crystal. <i>Chemical Physics Letters</i> , 1997 , 267, 215-220	2.5	787
129	Hirshfeld Surfaces: A New Tool for Visualising and Exploring Molecular Crystals. <i>Chemistry - A European Journal</i> , 1998 , 4, 2136-2141	4.8	556
128	model energies and energy frameworks: extension to metal coordination compounds, organic salts, solvates and open-shell systems. <i>IUCrJ</i> , 2017 , 4, 575-587	4.7	492
127	Comparing entire crystal structures: structural genetic fingerprinting. <i>CrystEngComm</i> , 2007 , 9, 648	3.3	378
126	: 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
125	Energy frameworks: insights into interaction anisotropy and the mechanical properties of molecular crystals. <i>Chemical Communications</i> , 2015 , 51, 3735-8	5.8	339
124	Visualisation and characterisation of voids in crystalline materials. <i>CrystEngComm</i> , 2011 , 13, 1804-1813	3.3	271
123	Accurate and Efficient Model Energies for Exploring Intermolecular Interactions in Molecular Crystals. <i>Journal of Physical Chemistry Letters</i> , 2014 , 5, 4249-55	6.4	258
122	Three new co-crystals of hydroquinone: crystal structures and Hirshfeld surface analysis of intermolecular interactions. <i>New Journal of Chemistry</i> , 2010 , 34, 193-199	3.6	236
121	Comparison of Polymorphic Molecular Crystal Structures through Hirshfeld Surface Analysis. <i>Crystal Growth and Design</i> , 2007 , 7, 755-769	3.5	235
120	Accurate prediction of static dipole polarizabilities with moderately sized basis sets. <i>The Journal of Physical Chemistry</i> , 1989 , 93, 7594-7603		219
119	A simple quantitative model of hydrogen bonding. <i>Journal of Chemical Physics</i> , 1986 , 85, 6587-6601	3.9	190
118	Atom-atom potentials via electron gas theory. <i>Journal of Chemical Physics</i> , 1986 , 85, 6579-6586	3.9	156

117	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
116	Potential derived charges using a geodesic point selection scheme 1996 , 17, 1-18		110
115	Accurate Lattice Energies for Molecular Crystals from Experimental Crystal Structures. <i>Journal of Chemical Theory and Computation</i> , 2018 , 14, 1614-1623	6.4	101
114	Molecules in crystals. <i>Physica Scripta</i> , 2013 , 87, 048103	2.6	101
113	Introduction and validation of an invariom database for amino-acid, peptide and protein molecules. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2006 , 62, 1325-35		87
112	Estimated H-atom anisotropic displacement parameters: a comparison between different methods and with neutron diffraction results. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2008 , 64, 465-75		85
111	Direct Evidence of Cation Disorder in Thermoelectric Lead Chalcogenides PbTe and PbS. <i>Advanced Functional Materials</i> , 2013 , 23, 5477-5483	15.6	83
110	Electrostatic potentials mapped on Hirshfeld surfaces provide direct insight into intermolecular interactions in crystals. <i>CrystEngComm</i> , 2008 ,	3.3	83
109	Hydrogen bond energetics from topological analysis of experimental electron densities: Recognising the importance of the promolecule. <i>Chemical Physics Letters</i> , 1999 , 301, 425-429	2.5	83
108	How Reliable Are Intermolecular Interaction Energies Estimated from Topological Analysis of Experimental Electron Densities?. <i>Crystal Growth and Design</i> , 2015 , 15, 5624-5628	3.5	81
107	The Elusive Structural Origin of Plastic Bending in Dimethyl Sulfone Crystals with Quasi-isotropic Crystal Packing. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 8468-8472	16.4	80
106	Intermolecular interactions in molecular crystals: what's in a name?. <i>Faraday Discussions</i> , 2017 , 203, 93-113	1.2	76
105	Vibrational averaging of electrical properties. <i>Molecular Physics</i> , 1995 , 84, 1239-1255	1.7	75
104	Dipole moment enhancement in molecular crystals from X-ray diffraction data. <i>ChemPhysChem</i> , 2007 , 8, 2051-63	3.2	63
103	Reassessment of large dipole moment enhancements in crystals: a detailed experimental and theoretical charge density analysis of 2-methyl-4-nitroaniline. <i>Journal of Physical Chemistry A</i> , 2006 , 110, 8763-76	2.8	61
102	Anisotropic displacement parameters for H atoms using an ONIOM approach. <i>Acta Crystallographica Section B: Structural Science</i> , 2006 , 62, 875-88		59
101	Anisotropic molecular polarizabilities, dipole moments, and quadrupole moments of (CH ₂) ₂ X, (CH ₃) ₂ X, and C ₄ H ₄ X (X = O, S, Se). Comparison of experimental results and ab initio calculations. <i>The Journal of Physical Chemistry</i> , 1992 , 96, 7301-7307		54
100	Electron distribution and molecular motion in crystalline benzene: an accurate experimental study combining CCD X-ray data on C ₆ H ₆ with multitemperature neutron-diffraction results on C ₆ D ₆ . <i>Chemistry - A European Journal</i> , 2002 , 8, 3512-21	4.8	53

- 99 Influence of intermolecular interactions on multipole-refined electron densities. *Acta Crystallographica Section A: Foundations and Advances*, **1999**, 55, 30-47 53
- 98 Time-dependent Hartree-Fock second-order molecular properties with a moderately sized basis set. I. The frequency dependence of the dipole polarizability. *Journal of Chemical Physics*, **1991**, 94, 1288-1294 53
- 97 Basis set choice and basis set superposition error (BSSE) in periodic Hartree-Fock calculations on molecular crystals. *Physical Chemistry Chemical Physics*, **2001**, 3, 1518-1523 3.6 52
- 96 An ab initio study of vibrational corrections to the electrical properties of the second-row hydrides. *Molecular Physics*, **1997**, 90, 251-264 1.7 51
- 95 Molecular surfaces from the promolecule: A comparison with Hartree-Fock ab initio electron density surfaces. *Journal of Computational Chemistry*, **2000**, 21, 933-942 3.5 51
- 94 A simple quantitative model of hydrogen bonding: application to more complex systems. *The Journal of Physical Chemistry*, **1987**, 91, 3179-3186 51
- 93 Invariances for improved absolute structure determination of light-atom crystal structures. *Acta Crystallographica Section A: Foundations and Advances*, **2006**, 62, 217-23 48
- 92 Accurate prediction of static dipole polarizabilities with moderately sized basis sets. *Molecular Physics*, **1994**, 82, 193-209 1.7 48
- 91 Hirshfeld atom refinement for modelling strong hydrogen bonds. *Acta Crystallographica Section A: Foundations and Advances*, **2014**, 70, 483-98 1.7 47
- 90 Visualizing lithium-ion migration pathways in battery materials. *Chemistry - A European Journal*, **2013**, 19, 15535-44 4.8 45
- 89 Molecular dynamics simulations of structure and dynamics of organic molecular crystals. *Physical Chemistry Chemical Physics*, **2010**, 12, 14916-29 3.6 43
- 88 The use of the promolecular charge density to approximate the penetration contribution to intermolecular electrostatic energies. *Chemical Physics Letters*, **2006**, 418, 158-162 2.5 43
- 87 Polymorphism in 3-methyl-4-methoxy-4'-nitrostilbene (MMONS), a highly active NLO material. *CrystEngComm*, **2008**, 10, 197-206 3.3 42
- 86 Effective molecular polarizabilities and crystal refractive indices estimated from x-ray diffraction data. *Journal of Chemical Physics*, **2006**, 125, 174505 3.9 42
- 85 Synthesis, crystal structure, atomic Hirshfeld surfaces, and physical properties of hexagonal CeMnNi₄. *Inorganic Chemistry*, **2010**, 49, 9343-9 5.1 40
- 84 Energy frameworks and a topological analysis of the supramolecular features in in situ cryocrystallized liquids: tuning the weak interaction landscape via fluorination. *Physical Chemistry Chemical Physics*, **2016**, 18, 31811-31820 3.6 39
- 83 Charge density analysis of two polymorphs of antimony(III) oxide. *Dalton Transactions*, **2004**, 23-9 4.3 39
- 82 Crystal packing in the 2-R,4-oxo-[1,3-a/b]-naphthodioxanes [Hirshfeld surface analysis and melting point correlation. *CrystEngComm*, **2012**, 14, 1083-1093 3.3 38

81	Refractive indices for molecular crystals from the response of X-ray constrained Hartree-Fock wavefunctions. <i>Physical Chemistry Chemical Physics</i> , 2009 , 11, 7209-18	3.6	37
80	The use of dipole lattice sums to estimate electric fields and dipole moment enhancement in molecular crystals. <i>Chemical Physics Letters</i> , 2007 , 443, 87-91	2.5	37
79	Can the interaction density be measured? The example of the non-standard amino acid sarcosine. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2007 , 63, 426-36		37
78	Redetermination, invariom-model and multipole refinement of L-ornithine hydrochloride. <i>Acta Crystallographica Section B: Structural Science</i> , 2007 , 63, 505-9		36
77	Time-dependent Hartree-Fock second-order molecular properties with a moderately sized basis set. II. Dispersion coefficients. <i>Journal of Chemical Physics</i> , 1991 , 94, 1295-1305	3.9	36
76	'Quasi-isostructural polymorphism' in molecular crystals: inputs from interaction hierarchy and energy frameworks. <i>Chemical Communications</i> , 2016 , 52, 2141-4	5.8	35
75	Accurate ab initio study of acetylene Vibrational and rotational corrections to electrical properties. <i>Molecular Physics</i> , 1996 , 88, 1109-1136	1.7	35
74	Magnetically recoverable FeO@Au-coated nanoscale catalysts for the A-coupling reaction. <i>Dalton Transactions</i> , 2017 , 46, 5133-5137	4.3	34
73	Bond length and local energy density property connections for non-transition-metal oxide-bonded interactions. <i>Journal of Physical Chemistry A</i> , 2006 , 110, 12259-66	2.8	31
72	An Exploration of Theoretical and Experimental Electron Density Distributions and SiO Bonded Interactions for the Silica Polymorph Coesite. <i>Journal of Physical Chemistry B</i> , 2003 , 107, 12996-13006	3.4	31
71	Chapter 5. Charge densities from X-ray diffraction data. <i>Annual Reports on the Progress of Chemistry Section C</i> , 1998 , 94, 177		30
70	Electrostatic potential in dehydrated zeolite NaA from low-resolution x-ray diffraction data. <i>The Journal of Physical Chemistry</i> , 1988 , 92, 794-796		29
69	The Elusive Structural Origin of Plastic Bending in Dimethyl Sulfone Crystals with Quasi-isotropic Crystal Packing. <i>Angewandte Chemie</i> , 2017 , 129, 8588-8592	3.6	28
68	Bonded radii and the contraction of the electron density of the oxygen atom by bonded interactions. <i>Journal of Physical Chemistry A</i> , 2013 , 117, 1632-40	2.8	26
67	Theoretical electron density distributions for Fe- and Cu-sulfide earth materials: a connection between bond length, bond critical point properties, local energy densities, and bonded interactions. <i>Journal of Physical Chemistry B</i> , 2007 , 111, 1923-31	3.4	26
66	The Polymorphs of ROY: A Computational Study of Lattice Energies and Conformational Energy Differences. <i>Australian Journal of Chemistry</i> , 2018 , 71, 279	1.2	25
65	Supramolecular polymorphism of the 1:1 molecular salt (adamantane-1-carboxylate-3,5,7-tricarboxylic acid)[hexamethylenetetraminium]. A "failed" crystal engineering attempt. <i>Chemical Communications</i> , 2012 , 48, 1883-5	5.8	25
64	Effects of weak intermolecular interactions on the molecular isomerism of tricobalt metal chains. <i>Journal of the American Chemical Society</i> , 2009 , 131, 7580-91	16.4	25

63	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
62	Supramolecular Recognition and Energy Frameworks in Host-Guest Complexes of 18-Crown-6 and Sulfonamides. <i>Crystal Growth and Design</i> , 2015 , 15, 5892-5900	3.5	23
61	Multi-temperature Synchrotron Powder X-ray Diffraction Study and Hirshfeld Surface Analysis of Chemical Bonding in the Thermoelectric Zintl Phase Yb ₁₄ MnSb ₁₁ . <i>Chemistry of Materials</i> , 2011 , 23, 3723-3730	9.6	23
60	Visualising intermolecular interactions in crystals: naphthalene vs. terephthalic acid. <i>Chemical Communications</i> , 1998 , 2071-2072	5.8	23
59	Measurement of Electric Fields Experienced by Urea Guest Molecules in the 18-Crown-6/Urea (1:5) Host-Guest Complex: An Experimental Reference Point for Electric-Field-Assisted Catalysis. <i>Journal of the American Chemical Society</i> , 2019 , 141, 3965-3976	16.4	23
58	Analysis of the compression of molecular crystal structures using Hirshfeld surfaces. <i>CrystEngComm</i> , 2008 ,	3.3	21
57	Intermolecular interactions and electrostatic properties of the Hydroquinone apohost: implications for supramolecular chemistry. <i>Journal of Physical Chemistry A</i> , 2011 , 115, 12962-72	2.8	20
56	Supramolecular interactions between hexabromoethane and cyclopentadienyl ruthenium bromides: Halogen bonding or electrostatic organisation?. <i>CrystEngComm</i> , 2012 , 14, 804-811	3.3	19
55	Mechanism of concerted hydrogen bond reorientation in clathrates of Dianin's compound and hydroquinone. <i>Journal of the American Chemical Society</i> , 2011 , 133, 18880-8	16.4	18
54	Variable Intercalation of Calcium Ions in Bilayers of Partially Deprotonated p-Phosphonic Acid Calix[4]arene. <i>Crystal Growth and Design</i> , 2009 , 9, 3759-3764	3.5	18
53	Intermolecular Interaction Energies in Hydroquinone Clathrates at High Pressure. <i>Crystal Growth and Design</i> , 2017 , 17, 3834-3846	3.5	17
52	An ab initio study of vibrational corrections to the electrical properties of ethylene. <i>Molecular Physics</i> , 2000 , 98, 855-865	1.7	17
51	Electrostatic Potentials in Crystals 1981 , 407-425		17
50	Molecular Imprisonment: Host Response to Guest Location, Orientation, and Dynamics in Clathrates of Dianin's Compound. <i>Crystal Growth and Design</i> , 2014 , 14, 1296-1306	3.5	16
49	Simulations of guest transport in clathrates of Dianin's compound and hydroquinone. <i>Chemistry - A European Journal</i> , 2013 , 19, 2676-84	4.8	16
48	Revisiting a Historical Concept by Using Quantum Crystallography: Are Phosphate, Sulfate and Perchlorate Anions Hypervalent?. <i>Chemistry - A European Journal</i> , 2019 , 25, 6523-6532	4.8	15
47	Crystal structure and chemical bonding of the intermetallic Zintl phase Yb ₁₁ AlSb ₉ . <i>Dalton Transactions</i> , 2012 , 41, 10347-53	4.3	15
46	Application of atomic Hirshfeld surface analysis to intermetallic systems: is Mn in cubic CeMnNi ₄ a thermoelectric rattler atom?. <i>Inorganic Chemistry</i> , 2012 , 51, 1916-24	5.1	15

45	Structural Collapse of the Hydroquinone-Formic Acid Clathrate: A Pressure-Medium-Dependent Phase Transition. <i>Chemistry - A European Journal</i> , 2016 , 22, 4061-9	4.8	15
44	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
43	The determination of electric field gradients from X-ray diffraction data. <i>Molecular Physics</i> , 1994 , 83, 551-566	1.7	14
42	Bridging Crystal Engineering and Drug Discovery by Utilizing Intermolecular Interactions and Molecular Shapes in Crystals. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 16780-16784	16.4	13
41	Si-O bonded interactions in silicate crystals and molecules: a comparison. <i>Journal of Physical Chemistry A</i> , 2006 , 110, 12678-83	2.8	13
40	Ab initio SCF and MP2 calculations of the frequency dependence of the polarizability of cyclohexane. <i>Chemical Physics Letters</i> , 1989 , 161, 285-290	2.5	13
39	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
38	Global Analysis of the Mechanical Properties of Organic Crystals. <i>Angewandte Chemie - International Edition</i> , 2021 ,	16.4	12
37	Quantifying Host-Guest Interaction Energies in Clathrates of Dianin's Compound. <i>Crystal Growth and Design</i> , 2016 , 16, 6858-6866	3.5	11
36	Pauling bond strength, bond length and electron density distribution. <i>Physics and Chemistry of Minerals</i> , 2014 , 41, 17-25	1.6	11
35	Electrostatic complementarity in pseudoreceptor modeling based on drug molecule crystal structures: the case of loxistatin acid (E64c). <i>New Journal of Chemistry</i> , 2015 , 39, 1628-1633	3.6	10
34	Revised electrostatics from invariom refinement of the 18-residue peptaibol antibiotic trichotoxin A50E. <i>CrystEngComm</i> , 2010 , 12, 2419	3.3	10
33	Comment on On the calculation of the electrostatic potential, electric field and electric field gradient from the aspherical pseudoatom model by Volkov, King, Coppens & Farrugia (2006). <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2007 , 63, 198-200; author reply 201-3		10
32	An ab initio study of vibrational corrections to the electrical properties of ethane. <i>Molecular Physics</i> , 2000 , 98, 867-874	1.7	10
31	An ab initio study of vibrational corrections to the electrical properties of the fluoromethanes: CH ₃ F, CH ₂ F ₂ , CHF ₃ and CF ₄ . <i>Molecular Physics</i> , 2000 , 98, 633-642	1.7	10
30	Properties of atoms under pressure: bonded interactions of the atoms in three perovskites. <i>Journal of Chemical Physics</i> , 2012 , 137, 164313	3.9	9
29	Computational study of methyl group dynamics in the hydroquinone clathrate of acetonitrile. <i>Physical Chemistry Chemical Physics</i> , 2012 , 14, 1570-2	3.6	9
28	Temperature-dependent crystal structure of the isopropanol clathrate of Dianin's compound. <i>Chemical Communications</i> , 2011 , 47, 2029-31	5.8	9

27	Ab initio cluster calculations of the electron density and electric field gradient in corundum. <i>The Journal of Physical Chemistry</i> , 1992 , 96, 9200-9204		9
26	Host perturbation in a hydroquinone clathrate studied by combined X-ray/neutron charge-density analysis: implications for molecular inclusion in supramolecular entities. <i>Chemistry - A European Journal</i> , 2014 , 20, 8089-98	4.8	8
25	Proton switching of polarity in metalloamphiphile crystals. <i>CrystEngComm</i> , 2009 , 11, 249-253	3.3	8
24	Combined structure-factor phase measurement and theoretical calculations for mapping of chemical bonds in GaN. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2010 , 66, 446-50		7
23	Investigation of an Unusual Crystal Habit of Hydrochlorothiazide Reveals Large Polar Enantiopure Domains and a Possible Crystal Nucleation Mechanism. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 10255-10259	16.4	6
22	Towards the use of experimental electron densities to estimate reliable lattice energies. <i>CrystEngComm</i> , 2018 , 20, 5340-5347	3.3	6
21	Invariom-model refinement of L-valinol. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2006 , 62, 0633-5		6
20	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
19	Global Analysis of the Mechanical Properties of Organic Crystals. <i>Angewandte Chemie</i> ,	3.6	5
18	Approaching an experimental electron density model of the biologically active trans-epoxysuccinyl amide group: Substituent effects vs. crystal packing. <i>Journal of Physical Organic Chemistry</i> , 2017 , 30, e3683	2.1	4
17	Tetraiodoallene, I ₂ C=C=CI ₂ : the missing link between I ₂ C=CI ₂ and I ₂ C=C=C=CI ₂ and the oxidation product, 2,2-diodoacrylic acid, I ₂ C=CH(CO ₂ H). <i>Australian Journal of Chemistry</i> , 2018 , 71, 70	1.2	4
16	Phase measurement for accurate mapping of chemical bonds in acentric space groups. <i>Physical Review Letters</i> , 2005 , 95, 085502	7.4	4
15	Investigation of an Unusual Crystal Habit of Hydrochlorothiazide Reveals Large Polar Enantiopure Domains and a Possible Crystal Nucleation Mechanism. <i>Angewandte Chemie</i> , 2019 , 131, 10361-10365	3.6	3
14	Bridging Crystal Engineering and Drug Discovery by Utilizing Intermolecular Interactions and Molecular Shapes in Crystals. <i>Angewandte Chemie</i> , 2019 , 131, 16936-16940	3.6	3
13	Seemingly simple group 8 cyclopentadienyl dicarbonyl metal halides: From little things, interesting things grow. <i>CrystEngComm</i> , 2012 , 14, 812-818	3.3	3
12	Physical and crystallographic characterisation of the mGlu5 antagonist MTEP and its monohydrochloride. <i>Journal of Pharmaceutical Sciences</i> , 2010 , 99, 234-45	3.9	3
11	Accurate ab initio study of acetylene Vibrational and rotational corrections to electrical properties		3
10	Single-Crystal High-Pressure X-ray Diffraction Study of Host Structure Compression in Clathrates of Dianion Compound. <i>Crystal Growth and Design</i> , 2020 , 20, 4092-4099	3.5	2

9	Intermolecular interactions in crystals of small unsubstituted cyclic ethers and substituted epoxides. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2018 , 233, 641-648	1	2
8	Quantifying Mechanical Properties of Molecular Crystals: A Critical Overview of Experimental Elastic Tensors. <i>Angewandte Chemie - International Edition</i> , 2021 ,	16.4	2
7	Geometries, interaction energies and complexation free energies of 18-crown-6 with neutral molecules. <i>CrystEngComm</i> , 2016 , 18, 8653-8663	3.3	1
6	Facile Synthesis of Pentamethylcyclopentadienyl Ruthenium Half-Sandwich Complexes by Naphthalene Displacement. <i>Australian Journal of Chemistry</i> , 2018 , 71, 289	1.2	1
5	Charge Densities and Crystal Engineering 2011 , 553-572		1
4	Insights into Host-Guest Binding in Hydroquinone Clathrates: Single-Crystal X-ray and Neutron Diffraction, and Complementary Computational Studies on the Hydroquinone-CO ₂ Clathrate. <i>Crystal Growth and Design</i> , 2021 , 21, 3477-3486	3.5	1
3	Robert Farrell Stewart (1936-2015). <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2016 , 72, 507-9	1.7	
2	Contracted basis sets for electrical property calculations derived from Second-order Møller-Plesset theory atomic natural orbitals. <i>Theoretical Chemistry Accounts</i> , 2000 , 104, 385-391	1.9	
1	Structure correlation and dynamics in crystals in tribute to Hans-Beat Bögi. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2022 , 78, 281-282	1.8	