

# Kenneth D M Harris

## List of Publications by Year in descending order

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273  
papers

10,996  
citations

38742

50  
h-index

42399

92  
g-index

282  
all docs

282  
docs citations

282  
times ranked

9171  
citing authors

#	ARTICLE	IF	CITATIONS
1	Solid-State Structural Properties of Alloxazine Determined from Powder XRD Data in Conjunction with DFT-D Calculations and Solid-State NMR Spectroscopy: Unraveling the Tautomeric Identity and Pathways for Tautomeric Interconversion. <i>Crystal Growth and Design</i> , 2022, 22, 524-534.	3.0	8
2	A structure determination protocol based on combined analysis of 3D-ED data, powder XRD data, solid-state NMR data and DFT-D calculations reveals the structure of a new polymorph of L-tyrosine. <i>Chemical Science</i> , 2022, 13, 5277-5288.	7.4	15
3	Biogenic Guanine Crystals Are Solid Solutions of Guanine and Other Purine Metabolites. <i>Journal of the American Chemical Society</i> , 2022, 144, 5180-5189.	13.7	26
4	Circumventing a challenging aspect of crystal structure determination from powder diffraction data. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2022, 78, 96-99.	1.1	1
5	Exploiting <i>in situ</i> NMR to monitor the formation of a metal-organic framework. <i>Chemical Science</i> , 2021, 12, 1486-1494.	7.4	17
6	Andersson-Magnoli Phases $Ti_nO_{2n+1}$ : Recent Progress Inspired by Swedish Scientists. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2021, 647, 126-133.	1.2	11
7	Structure Determination of Multicomponent Crystalline Phases of (S)-Ibuprofen and L-Proline from Powder X-ray Diffraction Data, Augmented by Complementary Experimental and Computational Techniques. <i>Crystal Growth and Design</i> , 2021, 21, 2498-2507.	3.0	8
8	Monitoring Crystallization Processes in Confined Porous Materials by Dynamic Nuclear Polarization Solid-State Nuclear Magnetic Resonance. <i>Journal of the American Chemical Society</i> , 2021, 143, 6095-6103.	13.7	21
9	Orbital Mapping of Semiconducting Perylenes on Cu(111). <i>Journal of Physical Chemistry C</i> , 2021, 125, 24477-24486.	3.1	2
10	Manometric real-time studies of the mechanochemical synthesis of zeolitic imidazolate frameworks. <i>Chemical Science</i> , 2020, 11, 2141-2147.	7.4	64
11	Polymorphism in a Multicomponent Crystal System of Trimesic Acid and <i>tert</i> -Butylamine. <i>Crystal Growth and Design</i> , 2020, 20, 5736-5744.	3.0	9
12	Direct-Space Structure Determination of Covalent Organic Frameworks from 3D Electron Diffraction Data. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 22638-22644.	13.8	23
13	Direct-Space Structure Determination of Covalent Organic Frameworks from 3D Electron Diffraction Data. <i>Angewandte Chemie</i> , 2020, 132, 22827-22833.	2.0	2
14	Comparison of the Thermal Stabilities of Diazonium Salts and Their Corresponding Triazenes. <i>Organic Process Research and Development</i> , 2020, 24, 2336-2341.	2.7	39
15	Rationalization of the X-ray photoelectron spectroscopy of aluminium phosphates synthesized from different precursors. <i>RSC Advances</i> , 2020, 10, 8444-8452.	3.6	14
16	Boron-Nitrogen-Doped Nanographenes: A Synthetic Tale from Borazine Precursors. <i>Chemistry - A European Journal</i> , 2020, 26, 6608-6621.	3.3	20
17	Polymorphism of L-Tryptophan. <i>Angewandte Chemie</i> , 2019, 131, 18964-18968.	2.0	5
18	Polymorphism of L-Tryptophan. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 18788-18792.	13.8	21

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19	Reply to comment on Couzi et al . (2018): a phenomenological model for structural phase transitions in incommensurate alkane/urea inclusion compounds. Royal Society Open Science, 2019, 6, 190518.	2.4	2
20	Spatially resolved mapping of phase transitions in liquid-crystalline materials by X-ray birefringence imaging. Chemical Science, 2019, 10, 3005-3011.	7.4	2
21	Aluminium-catalysed isocyanate trimerization, enhanced by exploiting a dynamic coordination sphere. Chemical Communications, 2019, 55, 7679-7682.	4.1	20
22	Structure and Morphology of Light-Reflecting Synthetic and Biogenic Polymorphs of Isoxanthopterin: A Comparison. Chemistry of Materials, 2019, 31, 4479-4489.	6.7	12
23	Temperature-Dependent Structural Properties, Phase Transition Behavior, and Dynamic Properties of a Benzene Derivative in the Solid State. Crystal Growth and Design, 2019, 19, 2155-2162.	3.0	2
24	A Strategy for Probing the Evolution of Crystallization Processes by Low-Temperature Solid-State NMR and Dynamic Nuclear Polarization. Journal of Physical Chemistry Letters, 2019, 10, 1505-1510.	4.6	21
25	Exploiting in-situ solid-state NMR spectroscopy to probe the early stages of hydration of calcium aluminate cement. Solid State Nuclear Magnetic Resonance, 2019, 99, 1-6.	2.3	25
26	Insights into the Crystallization and Structural Evolution of Glycine Dihydrate by In-situ Solid-State NMR Spectroscopy. Angewandte Chemie - International Edition, 2018, 57, 6619-6623.	13.8	21
27	Insights into the Crystallization and Structural Evolution of Glycine Dihydrate by In-situ Solid-State NMR Spectroscopy. Angewandte Chemie, 2018, 130, 6729-6733.	2.0	5
28	Elucidating the Crystal Structure of dl-Arginine by Combined Powder X-ray Diffraction Data Analysis and Periodic DFT-D Calculations. Crystal Growth and Design, 2018, 18, 42-46.	3.0	11
29	A phenomenological model for structural phase transitions in incommensurate alkane/urea inclusion compounds. Royal Society Open Science, 2018, 5, 180058.	2.4	6
30	Establishing the Transitory Existence of Amorphous Phases in Crystallization Pathways by the CLASSIC NMR Technique. ChemPhysChem, 2018, 19, 3341-3345.	2.1	11
31	Polymorphic phase transformations of 3-chloro- <i>trans</i> -cinnamic acid and its solid solution with 3-bromo- <i>trans</i> -cinnamic acid. Acta Crystallographica Section C, Structural Chemistry, 2018, 74, 923-928.	0.5	3
32	Structural Diversity of Solid Solutions Formed between 3-Chloro- <i>trans</i> -cinnamic acid and 3-Bromo- <i>trans</i> -cinnamic Acid. Crystal Growth and Design, 2017, 17, 1276-1284.	3.0	16
33	Explorations in the Dynamics of Crystalline Solids and the Evolution of Crystal Formation Processes. Israel Journal of Chemistry, 2017, 57, 154-170.	2.3	2
34	'NMR Crystallization': in-situ NMR techniques for time-resolved monitoring of crystallization processes. Acta Crystallographica Section C, Structural Chemistry, 2017, 73, 137-148.	0.5	16
35	Determination of a complex crystal structure in the absence of single crystals: analysis of powder X-ray diffraction data, guided by solid-state NMR and periodic DFT calculations, reveals a new 2'-deoxyguanosine structural motif. Chemical Science, 2017, 8, 3971-3979.	7.4	62
36	Complexes of Thiourea with Alkali Metal Bromides and Iodides: Structural Properties, Mixed-Halide and Mixed-Metal Materials, and Halide Exchange Processes. Crystal Growth and Design, 2017, 17, 786-793.	3.0	3

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37	<i>Ab initio</i> random structure searching of organic molecular solids: assessment and validation against experimental data. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 25949-25960.	2.8	23
38	Assessing the Detection Limit of a Minority Solid-State Form of a Pharmaceutical by <sup>1</sup> H Double-Quantum Magic-Angle Spinning Nuclear Magnetic Resonance Spectroscopy. <i>Journal of Pharmaceutical Sciences</i> , 2017, 106, 3372-3377.	3.3	21
39	Novel technique for spatially resolved imaging of molecular bond orientations using x-ray birefringence. <i>AIP Conference Proceedings</i> , 2016, , .	0.4	0
40	New in situ solid-state NMR strategies for exploring materials formation and adsorption processes: prospects in heterogeneous catalysis. <i>Applied Petrochemical Research</i> , 2016, 6, 295-306.	1.3	5
41	Determining Molecular Orientations in Disordered Materials from X-ray Linear Dichroism at the Iodine L <sub>1</sub> -Edge. <i>Journal of the American Chemical Society</i> , 2016, 138, 16188-16191.	13.7	3
42	The true structural periodicities and superspace group descriptions of the prototypical incommensurate composite materials: Alkane/urea inclusion compounds. <i>Europhysics Letters</i> , 2016, 116, 56001.	2.0	6
43	Calculation of solid-state NMR lineshapes using contour analysis. <i>Solid State Nuclear Magnetic Resonance</i> , 2016, 80, 7-13.	2.3	5
44	Understanding the Solid-State Hydration Behavior of a Common Amino Acid: Identification, Structural Characterization, and Hydration/Dehydration Processes of New Hydrate Phases of L-Lysine. <i>Journal of Physical Chemistry C</i> , 2016, 120, 9385-9392.	3.1	19
45	Combining the Advantages of Powder X-ray Diffraction and NMR Crystallography in Structure Determination of the Pharmaceutical Material Cimetidine Hydrochloride. <i>Crystal Growth and Design</i> , 2016, 16, 1798-1804.	3.0	55
46	Some of tomorrow's catalysts for processing renewable and non-renewable feedstocks, diminishing anthropogenic carbon dioxide and increasing the production of energy. <i>Energy and Environmental Science</i> , 2016, 9, 687-708.	30.8	69
47	Discovery of New Metastable Polymorphs in a Family of Urea Co-Crystals by Solid-State Mechanochemistry. <i>Crystal Growth and Design</i> , 2015, 15, 2901-2907.	3.0	34
48	X-ray Birefringence Imaging of Materials with Anisotropic Molecular Dynamics. <i>Journal of Physical Chemistry Letters</i> , 2015, 6, 561-567.	4.6	6
49	L-Lysine: Exploiting Powder X-ray Diffraction to Complete the Set of Crystal Structures of the 20 Directly Encoded Proteinogenic Amino Acids. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 3973-3977.	13.8	55
50	Exploiting Powder X-ray Diffraction to Establish the Solvent-Assisted Solid-State Supramolecular Assembly of Pillar[5]quinone. <i>Crystal Growth and Design</i> , 2015, 15, 1583-1587.	3.0	15
51	Theoretical analysis of the background intensity distribution in X-ray Birefringence Imaging using synchrotron bending-magnet radiation. <i>Journal of Applied Physics</i> , 2015, 117, 164902.	2.5	3
52	New in situ solid-state NMR techniques for probing the evolution of crystallization processes: pre-nucleation, nucleation and growth. <i>Faraday Discussions</i> , 2015, 179, 115-140.	3.2	29
53	Monitoring the evolution of crystallization processes by in-situ solid-state NMR spectroscopy. <i>Solid State Nuclear Magnetic Resonance</i> , 2015, 65, 107-113.	2.3	19
54	X-ray birefringence imaging. <i>Science</i> , 2014, 344, 1013-1016.	12.6	25

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55	Highly Efficient Chiral Resolution of <sc>dl</sc>-Arginine by Cocrystal Formation Followed by Recrystallization under Preferential-Enrichment Conditions. Chemistry - A European Journal, 2014, 20, 10343-10350.	3.3	31
56	â€œCLASSIC NMRâ€: An Inâ€Situ NMR Strategy for Mapping the Timeâ€Evolution of Crystallization Processes by Combined Liquidâ€State and Solidâ€State Measurements. Angewandte Chemie - International Edition, 2014, 53, 8939-8943.	13.8	57
57	Polymorphism in a <i>trans</i>-Cinnamic Acid Derivative Exhibiting Two Distinct Î²-type Phases: Structural Properties, [2 + 2] Photodimerization Reactions, and Polymorphic Phase Transition Behavior. Crystal Growth and Design, 2013, 13, 4110-4117.	3.0	29
58	An ENDOR and DFT analysis of hindered methyl group rotations in frozen solutions of bis(acetylacetonato)-copper(ii). Physical Chemistry Chemical Physics, 2013, 15, 15214.	2.8	7
59	An NMR crystallography DFT-D approach to analyse the role of intermolecular hydrogen bonding and Î€â€Î€ interactions in driving cocrystallisation of indomethacin and nicotinamide. CrystEngComm, 2013, 15, 8797.	2.6	70
60	How grinding evolves. Nature Chemistry, 2013, 5, 12-14.	13.6	41
61	A Rare Case of Polymorphism in a Three-Component Co-Crystal System, with Each Polymorph Having Ten Independent Molecules in the Asymmetric Unit. Crystal Growth and Design, 2013, 13, 27-30.	3.0	13
62	Exploiting the Synergy of Powder X-ray Diffraction and Solid-State NMR Spectroscopy in Structure Determination of Organic Molecular Solids. Journal of Physical Chemistry C, 2013, 117, 12258-12265.	3.1	81
63	Expanding the Solid-State Landscape of <sc>l</sc>-Phenylalanine: Discovery of Polymorphism and New Hydrate Phases, with Rationalization of Hydration/Dehydration Processes. Journal of Physical Chemistry C, 2013, 117, 12136-12145.	3.1	37
64	Controlling Spatial Distributions of Molecules in Multicomponent Organic Crystals, with Quantitative Mapping by Confocal Raman Microspectrometry. Journal of the American Chemical Society, 2013, 135, 14512-14515.	13.7	12
65	A drifting Markov process on the circle, with physical applications. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2013, 469, 20130092.	2.1	3
66	An Adaptable and Dynamically Porous Organic Salt Traps Unique Tetrahalide Dianions. Angewandte Chemie - International Edition, 2013, 52, 13444-13448.	13.8	73
67	The crystal structure of l-arginine. Chemical Communications, 2012, 48, 2761.	4.1	70
68	Structural Rationalization of the Phase Transition Behavior in a Solid Organic Inclusion Compound: Bromocyclohexane/Thiourea. Crystal Growth and Design, 2012, 12, 577-582.	3.0	16
69	The effect of intermolecular hydrogen bonding on the planarity of amides. Physical Chemistry Chemical Physics, 2012, 14, 11944.	2.8	22
70	Efficient, Scalable, and Solvent-free Mechanochemical Synthesis of the OLED Material Alq<sub>3</sub> (q = 8-Hydroxyquinolate). Crystal Growth and Design, 2012, 12, 5869-5872.	3.0	51
71	Discovery of a New System Exhibiting Abundant Polymorphism: <i>m</i>-Aminobenzoic Acid. Crystal Growth and Design, 2012, 12, 3104-3113.	3.0	68
72	Exploiting In Situ Solid-State NMR for the Discovery of New Polymorphs during Crystallization Processes. Journal of Physical Chemistry Letters, 2012, 3, 3176-3181.	4.6	28

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73	New Insights into the Preparation of the Low-Melting Polymorph of Racemic Ibuprofen. <i>Crystal Growth and Design</i> , 2012, 12, 5839-5845.	3.0	15
74	X-ray Birefringence: A New Strategy for Determining Molecular Orientation in Materials. <i>Journal of Physical Chemistry Letters</i> , 2012, 3, 3216-3222.	4.6	12
75	Mechanochemistry: opportunities for new and cleaner synthesis. <i>Chemical Society Reviews</i> , 2012, 41, 413-447.	38.1	2,281
76	Structural diversity, but no polymorphism, in a homologous family of co-crystals of urea and 1,3-dihydroxyalkanes. <i>New Journal of Chemistry</i> , 2011, 35, 1515.	2.8	24
77	Cooperativity in Solid-State Squaramides. <i>Crystal Growth and Design</i> , 2011, 11, 3725-3730.	3.0	17
78	Natural-Abundance Solid-State $^2\text{H}$ NMR Spectroscopy at High Magnetic Field. <i>Journal of Physical Chemistry A</i> , 2011, 115, 5568-5578.	2.5	13
79	Structure Determination from Powder X-ray Diffraction Data of a New Polymorph of a High-Density Organic Hydrate Material, with an Assessment of Hydrogen-Bond Disorder by Rietveld Refinement. <i>Crystal Growth and Design</i> , 2011, 11, 5192-5199.	3.0	16
80	X-ray Birefringence from a Model Anisotropic Crystal. <i>Journal of Physical Chemistry Letters</i> , 2011, 2, 2346-2351.	4.6	15
81	High-Resolution Solid-State $^2\text{H}$ NMR Spectroscopy of Polymorphs of Glycine. <i>Journal of Physical Chemistry A</i> , 2011, 115, 12201-12211.	2.5	32
82	Structural Chemistry of a New Chiral Anhydrous Phase of $\text{Ru}(\text{bipy})_3(\text{ClO}_4)_2$ Established from Powder X-ray Diffraction Analysis. <i>Crystal Growth and Design</i> , 2011, 11, 3313-3317.	3.0	22
83	Structural Properties of Carboxylic Acid Dimers Confined within the Urea Tunnel Structure: An MD Simulation Study. <i>Journal of Physical Chemistry B</i> , 2011, 115, 2791-2800.	2.6	16
84	Exploiting powder X-ray diffraction for direct structure determination in structural biology: The P2X <sub>4</sub> receptor trafficking motif YEQL. <i>Journal of Structural Biology</i> , 2011, 174, 461-467.	2.8	41
85	Powder Diffraction Crystallography of Molecular Solids. <i>Topics in Current Chemistry</i> , 2011, 315, 133-177.	4.0	86
86	A Strategy for Retrospectively Mapping the Growth History of a Crystal. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 5096-5100.	13.8	10
87	Physicochemical Understanding of Polymorphism and Solid-State Dehydration/Rehydration Processes for the Pharmaceutical Material Acrinol, by Ab Initio Powder X-ray Diffraction Analysis and Other Techniques. <i>Journal of Physical Chemistry C</i> , 2010, 114, 580-586.	3.1	42
88	Triptycene-Based Polymers of Intrinsic Microporosity: Organic Materials That Can Be Tailored for Gas Adsorption. <i>Macromolecules</i> , 2010, 43, 5287-5294.	4.8	275
89	Direct structure elucidation by powder X-ray diffraction of a metal-organic framework material prepared by solvent-free grinding. <i>Chemical Communications</i> , 2010, 46, 7572.	4.1	107
90	A Solid-State Dehydration Process in an Organic Material Associated with Substantial Hydrogen-Bond Reorganization, Investigated by Powder X-ray Diffraction. <i>Crystal Growth and Design</i> , 2010, 10, 3176-3181.	3.0	15

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91	Arrays of P=O Dipoles As a Recurrent Structural Motif in Bis-Diphenylphosphine Oxides, Established from Powder X-ray Diffraction. <i>Crystal Growth and Design</i> , 2010, 10, 3814-3818.	3.0	7
92	Direct observation of a transient polymorph during crystallization. <i>Chemical Communications</i> , 2010, 46, 4982.	4.1	49
93	Nitrogen and Hydrogen Adsorption by an Organic Microporous Crystal. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 3273-3277.	13.8	132
94	In situ solid-state <sup>1</sup> H NMR studies of hydration of the solid acid catalyst ZSM-5 in its ammonium form. <i>Solid State Nuclear Magnetic Resonance</i> , 2009, 35, 93-99.	2.3	21
95	Preferential Clustering of Water Molecules During Hydration of the Ammonium Form of the Solid Acid Catalyst ZSM-5. <i>Catalysis Letters</i> , 2009, 131, 16-20.	2.6	5
96	Bidirectional Transport of Guest Molecules through the Nanoporous Tunnel Structure of a Solid Inclusion Compound. <i>Journal of Physical Chemistry C</i> , 2009, 113, 736-743.	3.1	23
97	Structure Solution from Powder X-Ray Diffraction Data by Genetic Algorithm Techniques, Applied to Organic Materials Generated as Polycrystalline Products from Solid State Processes. <i>Materials and Manufacturing Processes</i> , 2009, 24, 293-302.	4.7	24
98	Vapour Induced Crystalline Transformation Investigated by ab initio Powder X-ray Diffraction Analysis. <i>Crystal Growth and Design</i> , 2009, 9, 1201-1207.	3.0	37
99	Amorphous Nickel Sulfide's Hydrated Nanocrystalline NiS with a Core-Shell Structure. <i>Inorganic Chemistry</i> , 2009, 48, 11486-11488.	4.0	32
100	Lessons on the Discovery and Assignment of Polymorphs, Highlighted by the Case of the Latent Pigment DPP-Boc. <i>Crystal Growth and Design</i> , 2009, 9, 853-857.	3.0	13
101	The effect of deuteration on polymorphic outcome in the crystallization of glycine from aqueous solution. <i>New Journal of Chemistry</i> , 2009, 33, 713.	2.8	34
102	Pathways for hydrogen bond switching in a tetrameric methanol cluster. <i>Physical Chemistry Chemical Physics</i> , 2009, 11, 11340.	2.8	5
103	Optical phonons in millerite (NiS) from single-crystal polarized Raman spectroscopy. <i>Journal of Raman Spectroscopy</i> , 2008, 39, 1419-1422.	2.5	36
104	Clustering of Glycine Molecules in Aqueous Solution Studied by Molecular Dynamics Simulation. <i>Journal of Physical Chemistry B</i> , 2008, 112, 7280-7288.	2.6	79
105	Residue-Based Charge Flipping: A New Variant of an Emerging Algorithm for Structure Solution from X-ray Diffraction Data. <i>Journal of Physical Chemistry A</i> , 2008, 112, 4863-4868.	2.5	7
106	Predictable Disorder versus Polymorphism in the Rationalization of Structural Diversity: A Multidisciplinary Study of Eniluracil. <i>Crystal Growth and Design</i> , 2008, 8, 3474-3481.	3.0	49
107	Optimizing the Number of Components in a Molecular Quasicrystal: A Three-Component Material Based on the Penrose Tiling. <i>Journal of Physical Chemistry C</i> , 2008, 112, 16186-16188.	3.1	6
108	Counteracting stagnation in genetic algorithm calculations by implementation of a micro genetic algorithm strategy. <i>Physical Chemistry Chemical Physics</i> , 2008, 10, 7262.	2.8	13



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109	Characterization of a Polymorphic System Exhibiting Substantial Variation of Solubility in a Fluorinated Solvent. <i>Journal of Physical Chemistry C</i> , 2008, 112, 14570-14578.	3.1	5
110	Mapping the Evolution of Adsorption of Water in Nanoporous Silica by in situ Solid-State $^1\text{H}$ NMR Spectroscopy. <i>Journal of the American Chemical Society</i> , 2008, 130, 5880-5882.	13.7	31
111	Triple-Quantum $^{23}\text{Na}$ MAS NMR Spectroscopy as a Technique for Probing Polymorphism in Sodium Salts. <i>Crystal Growth and Design</i> , 2008, 8, 6-10.	3.0	20
112	A Technique for In Situ Monitoring of Crystallization from Solution by Solid-State $^{13}\text{C}$ CP/MAS NMR Spectroscopy. <i>Journal of Physical Chemistry A</i> , 2008, 112, 6808-6810.	2.5	52
113	Structural Properties of Low-Temperature Phase Transitions in the Prototypical Thiourea Inclusion Compound: $\alpha$ -Cyclohexane/Thiourea. <i>Journal of Physical Chemistry C</i> , 2008, 112, 839-847.	3.1	12
114	Dynamic Properties of Solid Ammonium Cyanate. <i>Journal of Physical Chemistry C</i> , 2008, 112, 15870-15879.	3.1	7
115	A Solid-State Dehydration Process Associated with a Significant Change in the Topology of Dihydrogen Phosphate Chains, Established from Powder X-ray Diffraction. <i>Crystal Growth and Design</i> , 2008, 8, 3641-3645.	3.0	17
116	Direct Structural Understanding of a Topochemical Solid State Photopolymerization Reaction. <i>Journal of Physical Chemistry C</i> , 2008, 112, 19793-19796.	3.1	70
117	A multi-technique approach for probing the evolution of structural properties during crystallization of organic materials from solution. <i>Faraday Discussions</i> , 2007, 136, 71.	3.2	58
118	Kinetics of Molecular Transport in a Nanoporous Crystal Studied by Confocal Raman Microspectrometry: $\alpha$ -Single-File Diffusion in a Densely Filled Tunnel. <i>Journal of Physical Chemistry B</i> , 2007, 111, 12339-12344.	2.6	21
119	Alteration of Polymorphic Selectivity through Different Crystallization Mechanisms Occurring in the Same Crystallization Solution. <i>Journal of Physical Chemistry B</i> , 2007, 111, 8705-8707.	2.6	36
120	Mechanistic Aspects of the Solid-State Transformation of Ammonium Cyanate to Urea at High Pressure. <i>Journal of Physical Chemistry B</i> , 2007, 111, 3960-3968.	2.6	6
121	Enhanced Efficiency of Direct-Space Structure Solution from Powder X-ray Diffraction Data in the Case of Conformationally Flexible Molecules. <i>Journal of Physical Chemistry B</i> , 2007, 111, 6349-6356.	2.6	8
122	Fundamental and Applied Aspects of Urea and Thiourea Inclusion Compounds. <i>Supramolecular Chemistry</i> , 2007, 19, 47-53.	1.2	94
123	Advantages of a Redefinition of Variable-Space in Direct-Space Structure Solution from Powder X-Ray Diffraction Data. <i>ChemPhysChem</i> , 2007, 8, 650-653.	2.1	14
124	Probing the Evolution of Adsorption on Nanoporous Solids by In Situ Solid-State NMR Spectroscopy. <i>ChemPhysChem</i> , 2007, 8, 1311-1313.	2.1	21
125	Alternative hydrogen bonding modes employed by a helical tubuland diol host molecule. <i>CrystEngComm</i> , 2006, 8, 250.	2.6	9
126	Structure-Reactivity Correlations for Solid-State Enantioselective Photochemical Reactions Established Directly from Powder X-ray Diffraction. <i>Journal of the American Chemical Society</i> , 2006, 128, 15554-15555.	13.7	18



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127	Understanding the Structural Properties of a Dendrimeric Material Directly from Powder X-ray Diffraction Data. <i>Journal of Physical Chemistry B</i> , 2006, 110, 11620-11623.	2.6	31
128	Significant Conformational Changes Associated with Molecular Transport in a Crystalline Solid. <i>Journal of Physical Chemistry B</i> , 2006, 110, 10708-10713.	2.6	18
129	Contrasting Solid-State Structures of Trithiocyanuric Acid and Cyanuric Acid. <i>Crystal Growth and Design</i> , 2006, 6, 846-848.	3.0	36
130	Abundant Polymorphism in a System with Multiple Hydrogen-Bonding Opportunities: Å Oxalyl Dihydrazide. <i>Journal of the American Chemical Society</i> , 2006, 128, 8441-8452.	13.7	76
131	Design of a Molecular Quasicrystal. <i>ChemPhysChem</i> , 2006, 7, 1649-1653.	2.1	17
132	In-situ Monitoring of Alkane-Alkane Guest Exchange in Urea Inclusion Compounds using Confocal Raman Microspectrometry. <i>Molecular Crystals and Liquid Crystals</i> , 2006, 456, 139-147.	0.9	8
133	Structural properties of methoxy derivatives of benzyl bromide, determined from powder X-ray diffraction data. <i>Powder Diffraction</i> , 2005, 20, 345-352.	0.2	3
134	Structural Rationalisation of Co-crystals Formed between Trithiocyanuric Acid and Molecules Containing Hydrogen Bonding Functionality. <i>Chemistry - A European Journal</i> , 2005, 11, 2433-2439.	3.3	34
135	Hydrogen-bonded chains of Î±,Î±'-diaminoalkane and Î±,Î±'-dihydroxyalkane guest molecules lead to disrupted tunnel structures in urea inclusion compounds. <i>New Journal of Chemistry</i> , 2005, 29, 1266.	2.8	14
136	Structural and Dynamic Aspects of Hydrogen-Bonded Complexes and Inclusion Compounds Containing Î±,Î±'-Dicyanoalkanes and Urea, Investigated by Solid-State <sup>13</sup> C and <sup>2</sup> H NMR Techniques. <i>Journal of Physical Chemistry B</i> , 2005, 109, 23342-23350.	2.6	22
137	Altering the Polymorphic Product Distribution in a Solid-State Dehydration Process by Rapid Sample Rotation in a Solid-State NMR Probe. <i>Journal of the American Chemical Society</i> , 2005, 127, 10832-10833.	13.7	31
138	Prospects for Exploiting 4D Ultrafast Electron Microscopy in Solid-State Organic and Biological Chemistryâ€. <i>Crystal Growth and Design</i> , 2005, 5, 2124-2130.	3.0	12
139	Structural Understanding of a Molecular Material that Is Accessed Only by a Solid-State Desolvation Process: Å The Scope of Modern Powder X-ray Diffraction Techniques. <i>Journal of the American Chemical Society</i> , 2005, 127, 7314-7315.	13.7	66
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