

Leonard R Macgillivray

List of Publications by Year in descending order

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186
papers

10,149
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41258

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all docs

224
docs citations

224
times ranked

6325
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#	ARTICLE	IF	CITATIONS
1	Molecular Dynamics Studies of Aromatic Guests in Three Isostructural Inclusion Compounds with Molecular Boron–Nitrogen Hosts. <i>Crystal Growth and Design</i> , 2022, 22, 570-584.	1.4	4
2	Halogen-Bond Mediated [2+2] Photodimerizations: À la Carte Access to Unsymmetrical Cyclobutanes in the Solid State. <i>Molecules</i> , 2022, 27, 1048.	1.7	2
3	Structures and Reactivities of Cocrystals Involving Diboronic Acids and Bipyridines: In Situ Linker Reaction and 1D to 2D Dimensionality Change via Crystal to Crystal Photodimerization. <i>Chemistry - A European Journal</i> , 2022, 28, .	1.7	4
4	Programming Rapid Functional Group Diversification into a Solid State Reaction: Aryl Nitriles for Self-Assembly, Click Reactivity, and Discovery of Coexisting Supramolecular Synthons. <i>Chemistry - A European Journal</i> , 2022, 28, .	1.7	1
5	Cover Feature: Programming Rapid Functional Group Diversification into a Solid State Reaction: Aryl Nitriles for Self-Assembly, Click Reactivity, and Discovery of Coexisting Supramolecular Synthons (<i>Chem. Eur. J.</i> 37/2022). <i>Chemistry - A European Journal</i> , 2022, 28, .	1.7	0
6	Mechanical rigidity of a shape-memory metal–organic framework increases by crystal downsizing. <i>Chemical Communications</i> , 2021, 57, 89-92.	2.2	4
7	Photoreactive salt cocrystal: N⁺–H–N hydrogen bond and cation–π interactions support a cascade-like photodimerization of a 4-stilbazole. <i>CrystEngComm</i> , 2021, 23, 1071-1074.	1.3	11
8	Cubane-forming cyclic dienes that exhibit orthogonal reactivities in the solid state. <i>Chemical Communications</i> , 2021, 57, 6725-6727.	2.2	3
9	Quasi self-inclusion of a 1-D coordination polymer within a 2-D hydrogen-bonded grid: a chaperone effect. <i>Journal of Coordination Chemistry</i> , 2021, 74, 162-168.	0.8	1
10	Inverted metal–organic frameworks: isorecticular decoration with organic anions using principles of supramolecular chemistry. <i>Journal of Coordination Chemistry</i> , 2021, 74, 169-177.	0.8	1
11	Supramolecular construction of a cyclobutane ring system with four different substituents in the solid state. <i>Communications Chemistry</i> , 2021, 4, .	2.0	6
12	Self-Assembly of Diboronic Esters with U-Shaped Bipyridines: à la Carte Plug-in-Socket Assemblies. <i>Crystal Growth and Design</i> , 2021, 21, 4482-4487.	1.4	8
13	Clues from cocrystals: a ternary solid, polymorphism, and rare supramolecular isomerism involving resveratrol and 5-fluorouracil. <i>Chemical Communications</i> , 2021, 57, 3809-3811.	2.2	6
14	Opportunities Using Boron to Direct Reactivity in the Organic Solid State. <i>Synlett</i> , 2021, 32, 655-662.	1.0	9
15	Cambiarenes: Single-Step Synthesis and Selective Zwitterion Binding of a Clip-Shaped Macrocyclic with a Redox-Active Core. <i>Chemistry - A European Journal</i> , 2020, 26, 1928-1930.	1.7	0
16	Halogen versus Hydrogen Bonding in Binary Cocrystals: Novel Conformation a Coformer with [2+2] Photoreactivity of Criss-Crossed C=C Bonds. <i>ChemPhysChem</i> , 2020, 21, 154-163.	1.0	15
17	Semiconductor Cocrystals Based on Boron: Generated Electrical Response with π-Rich Aromatic Molecules. <i>Crystal Growth and Design</i> , 2020, 20, 3-8.	1.4	19
18	Hydrogen- and Halogen-Bonded Binary Cocrystals with Ditopic Components: Systematic Structural and Photoreactivity Properties That Provide Access to a Completed Series of Symmetrical Cyclobutanes. <i>Crystal Growth and Design</i> , 2020, 20, 7501-7515.	1.4	13

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19	Total Syntheses Supramolecular Style: Solid-State Construction of [2.2]Cyclophanes with Modular Control of Stereochemistry. <i>Crystal Growth and Design</i> , 2020, 20, 2584-2589.	1.4	14
20	Phototriggered Guest Release from a Nonporous Organic Crystal: Remarkable Single-Crystal-to-Single-Crystal Transformation of a Binary Cocrystal Solvate to a Ternary Cocrystal. <i>Journal of the American Chemical Society</i> , 2020, 142, 20772-20777.	6.6	33
21	Frontiers in hybrid and interfacial materials chemistry research. <i>MRS Bulletin</i> , 2020, 45, 951-964.	1.7	6
22	Superstructural diversity in salt-cocrystals: higher-order hydrogen-bonded assemblies formed using U-shaped dications and with assistance of π - π stacking. <i>Chemical Communications</i> , 2020, 56, 6708-6710.	2.2	8
23	Repurposing of the anti-HIV drug emtricitabine as a hydrogen-bonded cleft for bipyridines <i>via</i> cocrystallization. <i>CrystEngComm</i> , 2020, 22, 3563-3566.	1.3	6
24	Single-Crystal-to-Single-Crystal [2 + 2] Photodimerization Involving π Coordination with Generation of a Thiophene Host. <i>Organometallics</i> , 2020, 39, 2197-2201.	1.1	17
25	Supramolecular chemistry under mechanochemical conditions: a small molecule template generated and integrated into a molecular-to-supramolecular and back-to-molecular cascade reaction. <i>Chemical Science</i> , 2020, 11, 3569-3573.	3.7	18
26	Supramolecular Sandwiches: Halogen-Bonded Coformers Direct [2+2] Photoreactivity in Two-Component Cocrystals. <i>Molecules</i> , 2020, 25, 907.	1.7	14
27	Application of a tetrapyrimidyl cyclobutane synthesized in the organic solid state: a halogen-bonded supramolecular ladder. <i>CrystEngComm</i> , 2020, 22, 6780-6782.	1.3	3
28	X-ray crystal structure of <i>trans</i> -bis-(pyridin-3-yl)ethyl-ene: comparing the supra-molecular structural features among the symmetrical bis-(<i>n</i> -pyrid-yl)ethyl-enes (<i>n</i> = 2, 3, or 4) constitutional isomers. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2020, 76, 1859-1862.	0.2	0
29	X-ray crystal structure of <i>trans</i> -bis(pyridin-3-yl)ethylene: comparing the supramolecular structural features among the symmetrical bis(<i>n</i> -pyridyl)ethylenes (<i>n</i> = 2, 3, or 4) constitutional isomers. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2020, 76, 1859-1862.	0.2	0
30	Remarkable decrease in stiffness of aspirin crystals upon reducing crystal size to nanoscale dimensions <i>via</i> sonochemistry. <i>CrystEngComm</i> , 2019, 21, 2049-2052.	1.3	7
31	Size-Dependent Mechanical Properties of a Metal-Organic Framework: Increase in Flexibility of ZIF-8 by Crystal Downsizing. <i>Nano Letters</i> , 2019, 19, 6140-6143.	4.5	36
32	Channel Confinement of Aromatic Petrochemicals via Aryl-Perfluoroaryl Interactions With a π Host. <i>Frontiers in Chemistry</i> , 2019, 7, 695.	1.8	9
33	A Divergent Alkyne Diol Directs [2 + 2] Photoreactivity in the Solid State: Cocrystal, Supramolecular Catalysis, and Sublimation Effects. <i>Molecules</i> , 2019, 24, 3059.	1.7	4
34	Exploiting Auophilic Interactions in a [2 + 2] Photocycloaddition: Single-Crystal Reactivity with Changes to Surface Morphology. <i>Inorganic Chemistry</i> , 2019, 58, 12497-12500.	1.9	12
35	Application of Long-Range Synthons Aufbau Modules Based on Trihalophenols To Direct Reactivity in Binary Cocrystals: Orthogonal Hydrogen Bonding and π - π Contact Driven Self-Assembly with Single-Crystal Reactivity. <i>Crystal Growth and Design</i> , 2019, 19, 2511-2518.	1.4	22
36	DFT Computed Dielectric Response and THz Spectra of Organic Co-Crystals and Their Constituent Components. <i>Molecules</i> , 2019, 24, 959.	1.7	2

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37	Exploiting Boron Coordination: B-N Bond Supports a [2+2] Photodimerization in the Solid State and Generation of a Diboron Bisweezer for Benzene/Thiophene Separation. <i>Angewandte Chemie</i> , 2019, 131, 5467-5470.	1.6	16
38	Exploiting Boron Coordination: B-N Bond Supports a [2+2] Photodimerization in the Solid State and Generation of a Diboron Bisweezer for Benzene/Thiophene Separation. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 5413-5416.	7.2	55
39	Diversifying molecular and topological space via a supramolecular solid-state synthesis: a purely organic mok net sustained by hydrogen bonds. <i>IUCr</i> , 2019, 6, 1032-1039.	1.0	8
40	Unlocking pedal motion of the azo group: three- and unexpected eight-component hydrogen-bonded assemblies in co-crystals based on isosteric resorcinols. <i>Supramolecular Chemistry</i> , 2018, 30, 533-539.	1.5	6
41	Self-Assembly of Fluorinated Boronic Esters and 4,4'-Bipyridine into 2:1 N:B Adducts and Inclusion of Aromatic Guest Molecules in the Solid State: Application for the Separation of <i>m</i> -Xylene. <i>Crystal Growth and Design</i> , 2018, 18, 2726-2743.	1.4	40
42	Putting Cocrystal Stoichiometry to Work: A Reactive Hydrogen-Bonded Superassembly Enables Nanoscale Enlargement of a Metal-Organic Rhomboid via a Solid-State Photocycloaddition. <i>Journal of the American Chemical Society</i> , 2018, 140, 4940-4944.	6.6	29
43	Elusive Nonsolvated Cocrystals of Aspirin: Two Polymorphs with Bipyridine Discovered with the Assistance of Mechanochemistry. <i>Crystal Growth and Design</i> , 2018, 18, 2495-2501.	1.4	11
44	Exploration of Solid Forms of Crisaborole: Crystal Engineering Identifies Polymorphism in Commercial Sources and Facilitates Cocrystal Formation. <i>Crystal Growth and Design</i> , 2018, 18, 4416-4419.	1.4	12
45	A solid-state [2+2] photodimerization involving coordination of Ag(I) ions to 2-pyridyl groups. <i>Journal of Coordination Chemistry</i> , 2018, 71, 2875-2883.	0.8	6
46	Structural flexibility of halogen bonds showed in a single-crystal-to-single-crystal [2+2] photodimerization. <i>IUCr</i> , 2018, 5, 491-496.	1.0	35
47	Exploiting the Hydrogen-Bonding Capacity of Organoboronic Acids to Direct Covalent Bond Formation in the Solid State: Templatation and Catalysis of the [2 + 2] Photodimerization. <i>Organic Letters</i> , 2018, 20, 5490-5492.	2.4	40
48	An Intramolecular OH...N Interaction in a BINOL-Phenazine Cocrystal with a Free N-Atom. <i>Crystal Growth and Design</i> , 2018, 18, 3890-3895.	1.4	3
49	Generation of cocrystals of Tavaborole (AN2690): opportunities for boron-containing APIs. <i>CrystEngComm</i> , 2017, 19, 2983-2986.	1.3	14
50	Reducing a cocrystal to nanoscale dimensions enables retention of physical crystal integrity upon dehydration. <i>CrystEngComm</i> , 2017, 19, 3723-3726.	1.3	2
51	Supramolecular Construction of an Aldehyde-Cyclobutane via the Solid State: Combining Reversible Imine Formation and Metal-Organic Self-Assembly. <i>Journal of the American Chemical Society</i> , 2017, 139, 8452-8454.	6.6	29
52	Edge-to-Edge H...N Hydrogen Bonds in Two-Component Co-crystals Aide a [2 + 2] Photodimerization. <i>Crystal Growth and Design</i> , 2017, 17, 2054-2058.	1.4	21
53	8. Co-crystals for solid-state reactivity and thermal expansion. , 2017, , 181-204.		0
54	Cocrystals and Templates to Control Solid-State [2+2] Photodimerizations. , 2017, , 73-87.		0

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55	Halogen-Bond-Templated [2+2] Photodimerization in the Solid State: Directed Synthesis and Rare Self-Inclusion of a Halogenated Product. <i>Angewandte Chemie</i> , 2016, 128, 3538-3541.	1.6	31
56	Halogen-Bond-Templated [2+2] Photodimerization in the Solid State: Directed Synthesis and Rare Self-Inclusion of a Halogenated Product. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 3477-3480.	7.2	114
57	Stereoselective and quantitative [2 + 2] photodimerization of a symmetrical octafluoro stilbene in the solid state: Face-to-face stacking of the fluorinated rings in trans-1,2-bis(2,3,5,6-tetrafluorophenyl)ethylene. <i>Journal of Fluorine Chemistry</i> , 2016, 188, 5-9.	0.9	6
58	Quantitative and regiocontrolled cross-photocycloaddition of the anticancer drug 5-fluorouracil achieved in a cocrystal. <i>Chemical Communications</i> , 2016, 52, 13109-13111.	2.2	22
59	Metal-Organic Coordination versus Hydrogen Bonding: Highly Efficient Templated Photocycloadditions of Trisubstituted Isomeric Olefins in the Solid State. <i>ChemPlusChem</i> , 2016, 81, 893-898.	1.3	6
60	Thermal expansion properties of three isostructural co-crystals composed of isosteric components: interplay between halogen and hydrogen bonds. <i>CrystEngComm</i> , 2016, 18, 8354-8357.	1.3	45
61	Post-application of dry vortex grinding improves the yield of a [2 + 2] photodimerization: Addressing static disorder in a cocrystal. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2016, 331, 42-47.	2.0	14
62	Achieving dynamic behaviour and thermal expansion in the organic solid state via co-crystallization. <i>Chemical Science</i> , 2015, 6, 4717-4722.	3.7	52
63	Combination of Argentophilic and Perfluorophenyl-Perfluorophenyl Interactions Supports a Head-to-Head [2 + 2] Photodimerization in the Solid State. <i>Crystal Growth and Design</i> , 2015, 15, 538-541.	1.4	48
64	Intramolecular [2 + 2] Photodimerization Achieved in the Solid State via Coordination-Driven Self-Assembly. <i>Organic Letters</i> , 2015, 17, 3233-3235.	2.4	29
65	Mechanical Properties of a Series of Macro- and Nanodimensional Organic Cocrystals Correlate with Atomic Polarizability. <i>Journal of the American Chemical Society</i> , 2015, 137, 12768-12771.	6.6	48
66	Regiocontrol of the [2 + 2] Photodimerization in the Solid State Using Isosteric Resorcinols: Head-to-Tail Cyclobutane Formation via Unexpected Embraced Assemblies. <i>Crystal Growth and Design</i> , 2015, 15, 5744-5748.	1.4	26
67	Liquid-assisted vortex grinding supports the single-step solid-state construction of a [2.2]paracyclophane. <i>Faraday Discussions</i> , 2014, 170, 35-40.	1.6	24
68	Organosulfonates aid argentophilic forces in the crystal engineering of [2+2] photodimerisations: reactivity involving 3-pyridyl groups. <i>Supramolecular Chemistry</i> , 2014, 26, 207-213.	1.5	16
69	Nanocrystals of a Metal-Organic Complex Exhibit Remarkably High Conductivity that Increases in a Single-Crystal-to-Single-Crystal Transformation. <i>Journal of the American Chemical Society</i> , 2014, 136, 6778-6781.	6.6	92
70	Two act as one: unexpected dimers of catechol direct a solid-state [2+2] photodimerization in a six-component hydrogen-bonded assembly. <i>Chemical Communications</i> , 2014, 50, 15960-15962.	2.2	20
71	Structural macrocyclic supramolecular chemistry. <i>CrystEngComm</i> , 2014, 16, 3644.	1.3	5
72	Celebrating the International Year of Crystallography. <i>CrystEngComm</i> , 2014, 16, 9581-9581.	1.3	0

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73	Head-to-tail photodimerization of a thiophene in a co-crystal and a rare adipic acid dimer in the presence of a heterosynthon. <i>CrystEngComm</i> , 2014, 16, 5762-5764.	1.3	10
74	Synthon Hierarchies in Crystal Forms Composed of Theophylline and Hydroxybenzoic Acids: Cocrystal Screening via Solution-Mediated Phase Transformation. <i>Crystal Growth and Design</i> , 2014, 14, 5318-5328.	1.4	37
75	Co-Crystals of a Salicylideneaniline: Photochromism Involving Planar Dihedral Angles. <i>Chemistry of Materials</i> , 2014, 26, 3042-3044.	3.2	55
76	Resorcinol-Templated Head-to-Head Photodimerization of a Thiophene in the Solid State and Unusual Edge-to-Face Stacking in a Discrete Hydrogen-Bonded Assembly. <i>Organic Letters</i> , 2014, 16, 1052-1055.	2.4	43
77	Noncentrosymmetric Packings Influenced by Electronic Properties of Products of Click Reactions. <i>Crystal Growth and Design</i> , 2014, 14, 893-896.	1.4	3
78	The curious case of (caffeine)⋅(benzoic acid): how heteronuclear seeding allowed the formation of an elusive cocrystal. <i>Chemical Science</i> , 2013, 4, 4417.	3.7	115
79	From co-crystals to functional thin films: photolithography using [2+2] photodimerization. <i>Chemical Science</i> , 2013, 4, 4304.	3.7	37
80	Discrete Double- to Quadruple Aromatic Stacks: Stepwise Integration of Face-to-Face Geometries in Cocrystals Based on Indolocarbazole. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 12127-12130.	7.2	48
81	Supramolecular Complexes of Sulfadiazine and Pyridines: Reconfigurable Exteriors and Chameleon-like Behavior of Tautomers at the Co-Crystal "Salt Boundary". <i>Crystal Growth and Design</i> , 2013, 13, 393-403.	1.4	41
82	Single-crystal-to-single-crystal direct cross-linking and photopolymerisation of a discrete Ag(<i>scp</i>) complex to give a 1D polycyclobutane coordination polymer. <i>Chemical Communications</i> , 2013, 49, 1064-1066.	2.2	46
83	A Product of a Templated Solid-State Photodimerization Acts as a Template: Single-Crystal Reactivity in a Single Polymorph of a Cocrystal. <i>Organic Letters</i> , 2013, 15, 744-747.	2.4	45
84	Masked synthons™ in crystal engineering: insulated components in acetaminophen cocrystal hydrates. <i>CrystEngComm</i> , 2013, 15, 4816.	1.3	33
85	Discrete Double- to Quadruple Aromatic Stacks: Stepwise Integration of Face-to-Face Geometries in Cocrystals Based on Indolocarbazole. <i>Angewandte Chemie</i> , 2013, 125, 12349-12352.	1.6	15
86	A [2+2] cross-photodimerisation of photostable olefins via a three-component cocrystal solid solution. <i>Chemical Communications</i> , 2012, 48, 1790.	2.2	66
87	Organic Nanocrystals of the Resorcinarene Hexamer via Sonochemistry: Evidence of Reversed Crystal Growth Involving Hollow Morphologies. <i>Journal of the American Chemical Society</i> , 2012, 134, 6900-6903.	6.6	36
88	Nanocrystals. <i>CrystEngComm</i> , 2012, 14, 7531.	1.3	12
89	Organic nanocrystals of [2.2]paracyclophanes achieved via sonochemistry: enhanced and red-shifted emission involving edge-to-face chromophores. <i>CrystEngComm</i> , 2012, 14, 7567.	1.3	8
90	Vortex grinding for mechanochemistry: application for automated supramolecular catalysis and preparation of a metal-organic framework. <i>Chemical Communications</i> , 2012, 48, 7958.	2.2	74

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91	[2.2]Paracyclophane as a Target of the Organic Solid State: Emergent Properties via Supramolecular Construction. <i>Israel Journal of Chemistry</i> , 2012, 52, 53-59.	1.0	19
92	A Supramolecular Protecting Group Strategy Introduced to the Organic Solid State: Enhanced Reactivity through Molecular Pedal Motion. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 1037-1041.	7.2	92
93	Design Rules: A Net and Archimedean Polyhedra Score Big for Self-Assembly. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 1110-1112.	7.2	22
94	Host-guest chemistry and Fumio Toda. <i>CrystEngComm</i> , 2011, 13, 3107.	1.3	0
95	A solid-state trimerisation of a diene diacid affords a bicyclobutyl: reactant structure from X-ray powder data and product separation and structure determination via co-crystallisation. <i>Chemical Communications</i> , 2011, 47, 236-238.	2.2	21
96	Applications of hydrogen-bond-acceptor templates to direct <i>in-phase</i> reactivity of a diene diacid in the solid state. <i>Photochemical and Photobiological Sciences</i> , 2011, 10, 1384-1386.	1.6	4
97	Thixotropic Hydrogel Derived from a Product of an Organic Solid-State Synthesis: Properties and Densities of Metal-Organic Nanoparticles. <i>Journal of the American Chemical Society</i> , 2011, 133, 3365-3371.	6.6	91
98	Resorcinol-Templated Synthesis of a Cofacial Terpyridine in Crystalline π -Stacked Columns. <i>Organic Letters</i> , 2011, 13, 2260-2262.	2.4	24
99	Isostructural coordination polymers: epitaxis vs. solid solution. <i>CrystEngComm</i> , 2011, 13, 4311.	1.3	17
100	Softening and Hardening of Macro- and Nano-Sized Organic Cocrystals in a Single-Crystal Transformation. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 8642-8646.	7.2	92
101	Crystal engineering rescues a solution organic synthesis in a cocrystallization that confirms the configuration of a molecular ladder. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 10974-10979.	3.3	29
102	A 1:1 Cocrystal of Caffeine and 2-Hydroxy-1-Naphthoic Acid Obtained via a Slurry Screening Method. <i>Journal of Chemical Crystallography</i> , 2010, 40, 933-939.	0.5	31
103	From the Decks to the Bridges: Optoelectronics in [2.2]Paracyclophane Chemistry. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 6883-6894.	1.2	59
104	Supramolecular Catalysis in the Organic Solid State through Dry Grinding. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 4273-4277.	7.2	115
105	Pharmaceutical Nano-Cocrystals: Sonochemical Synthesis by Solvent Selection and Use of a Surfactant. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 7284-7288.	7.2	78
106	A Red Zwitterionic Co-Crystal of Acetaminophen and 2,4-Pyridinedicarboxylic Acid. <i>Journal of Pharmaceutical Sciences</i> , 2010, 99, 3676-3683.	1.6	29
107	Stereospecific and quantitative photodimerisation of terminal olefins in the solid state. <i>Chemical Communications</i> , 2010, 46, 4956.	2.2	42
108	A metal-organic framework with three cavities based on three-coloured square tiling derived from a cyclobutane constructed in the solid state. <i>New Journal of Chemistry</i> , 2010, 34, 2400.	1.4	10

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109	Conformational polymorphism facilitates assignment of trans and cis-conformers of an $\hat{1}\pm$ -substituted oligothiophene via IR spectroscopy. <i>Chemical Communications</i> , 2010, 46, 82-84.	2.2	7
110	Dramatic Red-Shifted Fluorescence of [2.2]Paracyclophanes with Peripheral Substituents Attached to the Saturated Bridges. <i>Organic Letters</i> , 2009, 11, 5106-5109.	2.4	21
111	Engineering cocrystal and polymorph architecture via pseudoseeding. <i>Chemical Communications</i> , 2009, , 773.	2.2	43
112	Cocrystals of Caffeine and Hydroxybenzoic Acids Composed of Multiple Supramolecular Heterosynthons: Screening via Solution-Mediated Phase Transformation and Structural Characterization. <i>Crystal Growth and Design</i> , 2009, 9, 1932-1943.	1.4	111
113	Organic Synthesis in the Solid State via Hydrogen-Bond-Driven Self-Assembly. <i>Journal of Organic Chemistry</i> , 2008, 73, 3311-3317.	1.7	193
114	Onion-Shell Metal-Organic Polyhedra (MOPs): A General Approach to Decorate the Exteriors of MOPs using Principles of Supramolecular Chemistry. <i>Journal of the American Chemical Society</i> , 2008, 130, 14366-14367.	6.6	45
115	General application of mechanochemistry to templated solid-state reactivity: rapid and solvent-free access to crystalline supermolecules. <i>Chemical Communications</i> , 2008, , 5713.	2.2	52
116	Solid awakening. <i>Nature</i> , 2008, 451, 897-898.	13.7	3
117	Supramolecular Control of Reactivity in the Solid State: From Templates to Ladderanes to Metal-Organic Frameworks. <i>Accounts of Chemical Research</i> , 2008, 41, 280-291.	7.6	613
118	Chapter 10 Hydrogen-bond-mediated organic synthesis in the solid state. <i>Strategies and Tactics in Organic Synthesis</i> , 2008, , 368-382.	0.1	2
119	A lanthanide-based helicate coordination polymer derived from a rigid monodentate organic bridge synthesized in the solid state. <i>New Journal of Chemistry</i> , 2008, 32, 797.	1.4	10
120	He I Photoelectron Spectra and Gas-Phase Electronic Structures of End-Functionalized [3]- and [5]-Ladderanes. <i>Journal of Physical Chemistry A</i> , 2008, 112, 1493-1496.	1.1	5
121	Co-Crystals of Caffeine and Hydroxy-2-naphthoic Acids: Unusual Formation of the Carboxylic Acid Dimer in the Presence of a Heterosynthon. <i>Molecular Pharmaceutics</i> , 2007, 4, 339-346.	2.3	90
122	Coding a coordination-driven self-assembly via a hydrogen bond-directed solid-state synthesis: An unexpected chiral tetrahedral capsule. <i>Chemical Communications</i> , 2007, , 1603-1604.	2.2	27
123	Metal-mediated reactivity in the organic solid state: from self-assembled complexes to metal-organic frameworks. <i>Chemical Society Reviews</i> , 2007, 36, 1239.	18.7	194
124	Preparation and Reactivity of Nanocrystalline Cocrystals Formed via Sonocrystallization. <i>Journal of the American Chemical Society</i> , 2007, 129, 32-33.	6.6	150
125	Template-Controlled Reactivity in the Organic Solid State by Principles of Coordination-Driven Self-Assembly. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 4559-4568.	1.0	74
126	Crystal and Molecular Structure of trans-1,2-bis(2-benzothiazolyl)ethene. <i>Journal of Chemical Crystallography</i> , 2007, 37, 713-715.	0.5	0

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127	Persistent One-Dimensional Face-to-Face π -Stacks within Organic Cocrystals. <i>Crystal Growth and Design</i> , 2006, 6, 2427-2428.	1.4	49
128	Enforced Face-to-Face Stacking of Organic Semiconductor Building Blocks within Hydrogen-Bonded Molecular Cocrystals. <i>Journal of the American Chemical Society</i> , 2006, 128, 2806-2807.	6.6	250
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