

Leonard R Macgillivray

List of Publications by Year in descending order

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186
papers

10,149
citations

41344

49
h-index

38395

95
g-index

224
all docs

224
docs citations

224
times ranked

6325
citing authors

| # | 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. | 3.0 | 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. | 3.8 | 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, . | 3.3 | 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, . | 3.3 | 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, . | 3.3 | 0 |
| 6 | Mechanical rigidity of a shape-memory metal–organic framework increases by crystal downsizing. <i>Chemical Communications</i> , 2021, 57, 89-92. | 4.1 | 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. | 2.6 | 11 |
| 8 | Cubane-forming cyclic dienes that exhibit orthogonal reactivities in the solid state. <i>Chemical Communications</i> , 2021, 57, 6725-6727. | 4.1 | 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. | 2.2 | 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. | 2.2 | 1 |
| 11 | Supramolecular construction of a cyclobutane ring system with four different substituents in the solid state. <i>Communications Chemistry</i> , 2021, 4, . | 4.5 | 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. | 3.0 | 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. | 4.1 | 6 |
| 14 | Opportunities Using Boron to Direct Reactivity in the Organic Solid State. <i>Synlett</i> , 2021, 32, 655-662. | 1.8 | 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. | 3.3 | 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. | 2.1 | 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. | 3.0 | 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. | 3.0 | 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. | 3.0 | 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. | 13.7 | 33 |
| 21 | Frontiers in hybrid and interfacial materials chemistry research. <i>MRS Bulletin</i> , 2020, 45, 951-964. | 3.5 | 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. | 4.1 | 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. | 2.6 | 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. | 2.3 | 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. | 7.4 | 18 |
| 26 | Supramolecular Sandwiches: Halogen-Bonded Coformers Direct [2+2] Photoreactivity in Two-Component Cocrystals. <i>Molecules</i> , 2020, 25, 907. | 3.8 | 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. | 2.6 | 3 |
| 28 | X-ray crystal structure of <i>trans</i> -bis-(pyridin-3-yl)ethylene: comparing the supra-molecular structural features among the symmetrical bis-(<i>n</i> -pyrid-yl)ethylenes (<i>n</i> = 2, 3, or 4) constitutional isomers. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2020, 76, 1859-1862. | 0.5 | 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. | 0.5 | 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. | 2.6 | 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. | 9.1 | 36 |
| 32 | Channel Confinement of Aromatic Petrochemicals via Aryl-Perfluoroaryl Interactions With a π Host. <i>Frontiers in Chemistry</i> , 2019, 7, 695. | 3.6 | 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. | 3.8 | 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. | 4.0 | 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. | 3.0 | 22 |
| 36 | DFT Computed Dielectric Response and THz Spectra of Organic Co-Crystals and Their Constituent Components. <i>Molecules</i> , 2019, 24, 959. | 3.8 | 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 Bis-Tweezer for Benzene/Thiophene Separation. <i>Angewandte Chemie</i> , 2019, 131, 5467-5470. | 2.0 | 16 |
| 38 | Exploiting Boron Coordination: B-N Bond Supports a [2+2] Photodimerization in the Solid State and Generation of a Diboron Bis-Tweezer for Benzene/Thiophene Separation. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 5413-5416. | 13.8 | 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. | 2.2 | 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. | 1.2 | 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. | 3.0 | 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. | 13.7 | 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. | 3.0 | 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. | 3.0 | 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. | 2.2 | 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. | 2.2 | 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. | 4.6 | 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. | 3.0 | 3 |
| 49 | Generation of cocrystals of Tavaborole (AN2690): opportunities for boron-containing APIs. <i>CrystEngComm</i> , 2017, 19, 2983-2986. | 2.6 | 14 |
| 50 | Reducing a cocrystal to nanoscale dimensions enables retention of physical crystal integrity upon dehydration. <i>CrystEngComm</i> , 2017, 19, 3723-3726. | 2.6 | 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. | 13.7 | 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. | 3.0 | 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. | 2.0 | 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. | 13.8 | 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. | 1.7 | 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. | 4.1 | 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. | 2.8 | 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. | 2.6 | 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. | 3.9 | 14 |
| 62 | Achieving dynamic behaviour and thermal expansion in the organic solid state via co-crystallization. <i>Chemical Science</i> , 2015, 6, 4717-4722. | 7.4 | 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. | 3.0 | 48 |
| 64 | Intramolecular [2 + 2] Photodimerization Achieved in the Solid State via Coordination-Driven Self-Assembly. <i>Organic Letters</i> , 2015, 17, 3233-3235. | 4.6 | 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. | 13.7 | 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. | 3.0 | 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. | 3.2 | 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. | 1.2 | 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. | 13.7 | 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. | 4.1 | 20 |
| 71 | Structural macrocyclic supramolecular chemistry. <i>CrystEngComm</i> , 2014, 16, 3644. | 2.6 | 5 |
| 72 | Celebrating the International Year of Crystallography. <i>CrystEngComm</i> , 2014, 16, 9581-9581. | 2.6 | 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. | 2.6 | 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. | 3.0 | 37 |
| 75 | Co-Crystals of a Salicylideneaniline: Photochromism Involving Planar Dihedral Angles. <i>Chemistry of Materials</i> , 2014, 26, 3042-3044. | 6.7 | 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. | 4.6 | 43 |
| 77 | Noncentrosymmetric Packings Influenced by Electronic Properties of Products of Click Reactions. <i>Crystal Growth and Design</i> , 2014, 14, 893-896. | 3.0 | 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. | 7.4 | 115 |
| 79 | From co-crystals to functional thin films: photolithography using [2+2] photodimerization. <i>Chemical Science</i> , 2013, 4, 4304. | 7.4 | 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. | 13.8 | 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. | 3.0 | 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. | 4.1 | 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. | 4.6 | 45 |
| 84 | Masked synthons™ in crystal engineering: insulated components in acetaminophen cocrystal hydrates. <i>CrystEngComm</i> , 2013, 15, 4816. | 2.6 | 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. | 2.0 | 15 |
| 86 | A [2+2] cross-photodimerisation of photostable olefins via a three-component cocrystal solid solution. <i>Chemical Communications</i> , 2012, 48, 1790. | 4.1 | 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. | 13.7 | 36 |
| 88 | Nanocrystals. <i>CrystEngComm</i> , 2012, 14, 7531. | 2.6 | 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. | 2.6 | 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. | 4.1 | 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. | 2.3 | 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. | 13.8 | 92 |
| 93 | Design Rules: A Net and Archimedean Polyhedra Score Big for Self-Assembly. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 1110-1112. | 13.8 | 22 |
| 94 | Host-guest chemistry and Fumio Toda. <i>CrystEngComm</i> , 2011, 13, 3107. | 2.6 | 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. | 4.1 | 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. | 2.9 | 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. | 13.7 | 91 |
| 98 | Resorcinol-Templated Synthesis of a Cofacial Terpyridine in Crystalline π -Stacked Columns. <i>Organic Letters</i> , 2011, 13, 2260-2262. | 4.6 | 24 |
| 99 | Isostructural coordination polymers: epitaxis vs. solid solution. <i>CrystEngComm</i> , 2011, 13, 4311. | 2.6 | 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. | 13.8 | 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. | 7.1 | 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. | 1.1 | 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. | 2.4 | 59 |
| 104 | Supramolecular Catalysis in the Organic Solid State through Dry Grinding. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 4273-4277. | 13.8 | 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. | 13.8 | 78 |
| 106 | A Red Zwitterionic Co-Crystal of Acetaminophen and 2,4-Pyridinedicarboxylic Acid. <i>Journal of Pharmaceutical Sciences</i> , 2010, 99, 3676-3683. | 3.3 | 29 |
| 107 | Stereospecific and quantitative photodimerisation of terminal olefins in the solid state. <i>Chemical Communications</i> , 2010, 46, 4956. | 4.1 | 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. | 2.8 | 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. | 4.1 | 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. | 4.6 | 21 |
| 111 | Engineering cocrystal and polymorph architecture via pseudoseeding. <i>Chemical Communications</i> , 2009, , 773. | 4.1 | 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. | 3.0 | 111 |
| 113 | Organic Synthesis in the Solid State via Hydrogen-Bond-Driven Self-Assembly. <i>Journal of Organic Chemistry</i> , 2008, 73, 3311-3317. | 3.2 | 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. | 13.7 | 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. | 4.1 | 52 |
| 116 | Solid awakening. <i>Nature</i> , 2008, 451, 897-898. | 27.8 | 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. | 15.6 | 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. | 2.8 | 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. | 2.5 | 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. | 4.6 | 90 |
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