Gautam R Desiraju

List of Publications by Year
in descending order

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302 papers	43,476 citations	4388 86 h-index	2280 200 g-index
322 all docs	322 docs citations	322 times ranked	21660 citing authors

#	Article	IF	Citations
1	Crystal engineering in IUCrJ 2021: interactions, structures, properties. IUCrJ, 2022, 9, 329-330.	2.2	0
2	Quaternary and quinary molecular solids based on structural inequivalence and combinatorial approaches: 2-nitroresorcinol and 4,6-dichlororesorcinol. IUCrJ, 2021, 8, 178-185.	2.2	15
3	Reply to the â€˜Comment on â€œTrimorphs of 4-bromophenyl 4-bromobenzoate. Elastic, brittle, plasticâ€â€™ by J. J. Whittaker, A. J. Brock, A. Grosjean, M. C. Pfrunder, J. C. McMurtrie and J. K. Clegg, Chem. Commun., 2021, 57, DOI: 10.1039/D0CC07668F. Chemical Communications, 2021, 57, 4976-4978.	4.1	4
4	Crystal engineering in IUCrJ: from `the' crystal structure to `a' crystal structure. IUCrJ, 2021, 8, 148-149.	2.2	6
5	Synthetic Approaches to Halogen Bonded Ternary Cocrystals. Angewandte Chemie - International Edition, 2021, 60, 12841-12846.	13.8	26
6	Synthetic Approaches to Halogen Bonded Ternary Cocrystals. Angewandte Chemie, 2021, 133, 12951-12956.	2.0	10
7	Cocrystal hydrate of Bandrowski's base and clotrimazole: a prospective ingredient for hair dye formulations. CrystEngComm, 2021, 23, 5421-5424.	2.6	3
8	Strong and Weak Hydrogen Bonds in Proteinâ€“Ligand Recognition. Journal of the Indian Institute of Science, 2020, 100, 31-41.	1.9	41
9	Drugâ€“Drug Binary Solids of Nitrofurantoin and Trimethoprim: Crystal Engineering and Pharmaceutical Properties. Molecular Pharmaceutics, 2020, 17, 4435-4442.	4.6	27
10	Crystal engineering in all its hues in IUCrJ. IUCrJ, 2020, 7, 143-143.	2.2	4
11	Strategy and Methodology in the Synthesis of Multicomponent Molecular Solids: The Quest for Higher Cocrystals. Accounts of Chemical Research, 2019, 52, 2210-2220.	15.6	85
12	From a Binary to a Quaternary Cocrystal: An Unusual Supramolecular Synthon. Angewandte Chemie, 2019, 131, 12155-12159.	2.0	16
13	From a Binary to a Quaternary Cocrystal: An Unusual Supramolecular Synthon. Angewandte Chemie - International Edition, 2019, 58, 12027-12031.	13.8	42
14	A smorgasbord of halogen bonds?. Acta Crystallographica Section C, Structural Chemistry, 2019, 75, 1188-1189.	0.5	5
15	Definition of the chalcogen bond (IUPAC Recommendations 2019). Pure and Applied Chemistry, 2019, 91, 1889-1892.	1.9	322
16	Co-crystals. Preparation, Characterization and Applications. Edited by C. B. AakerÃ¶y and A. S. Sinha. Royal Society of Chemistry, Monographs in Supramolecular Chemistry No. 24, 2018, Hardcover, pp. 342. PriceÂGBPÂ159.00. ISBN 978-1-78801-115-0. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2019, 75, 914-915.	1.1	0
17	Kristallâ€Engineering: ein Blick in die Zukunft. Angewandte Chemie, 2019, 131, 4142-4150.	2.0	16
18	Crystal Engineering: An Outlook for the Future. Angewandte Chemie - International Edition, 2019, 58, 4100-4107.	13.8	171

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19	Science And Societyâ€"What Do They Owe Each Other?. Angewandte Chemie - International Edition, 2019, 58, 3232-3234.	13.8	0
20	Naturwissenschaft und Gesellschaft â€“ was schulden sie einander?. Angewandte Chemie, 2019, 131, 3266-3268.	2.0	0
21	Exploring the structural landscape with â€˜partialâ€™ fluoro-substitution as a probe. CrystEngComm, 2018, 20, 2793-2805.	2.6	4
22	Câ€"HÂ·Â·Â·F Hydrogen Bonds in Solid Solutions of Benzoic Acid and 4-Fluorobenzoic acid. Crystal Growth and Design, 2018, 18, 3607-3615.	3.0	26
23	Six-Component Molecular Solids: ABC[D_{1â€"(x+y)}E_xF_y]₂. Journal of the American Chemical Society, 2018, 140, 2309-2315.	13.7	77
24	Intermolecular Interactions in Crystals: Fundamentals of Crystal Engineering. Edited by Juan J Novoa. Royal Society of Chemistry, 2017, Pp. 764. Price GBP 99.99 (hardcover). ISBN 978-1-78262-173-7.. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2018, 74, 253-254.	1.1	0
25	AcidÂ·Â·Â·Amide Supramolecular Synthon in Cocrystals: From Spectroscopic Detection to Property Engineering. Journal of the American Chemical Society, 2018, 140, 6361-6373.	13.7	101
26	From Molecules to Interactions to Crystal Engineering: Mechanical Properties of Organic Solids. Accounts of Chemical Research, 2018, 51, 2957-2967.	15.6	358
27	Crystal engineering, crystals and crystallography. IUCrJ, 2018, 5, 660-660.	2.2	6
28	Trimorphs of 4-bromophenyl 4-bromobenzoate. Elastic, brittle, plastic. Chemical Communications, 2018, 54, 6348-6351.	4.1	54
29	Probing the Crystal Structure Landscape by Doping: 4â€Bromo, 4â€Chloro, and 4â€Methylcinnamic Acids. Angewandte Chemie, 2018, 130, 9423-9427.	2.0	7
30	Probing the Crystal Structure Landscape by Doping: 4â€Bromo, 4â€Chloro, and 4â€Methylcinnamic Acids. Angewandte Chemie - International Edition, 2018, 57, 9279-9283.	13.8	17
31	Crystal Engineering of Hand-Twisted Helical Crystals. Journal of the American Chemical Society, 2017, 139, 1975-1983.	13.7	199
32	Ïƒâ€Hole and Ï€â€Hole Synthon Mimicry in Thirdâ€Generation Crystal Engineering: Design of Elastic Crystals. Chemistry - A European Journal, 2017, 23, 4936-4943.	3.3	84
33	New Cocrystals of Hydrochlorothiazide: Optimizing Solubility and Membrane Diffusivity. Crystal Growth and Design, 2017, 17, 308-316.	3.0	68
34	A hand-twisted helical crystal based solely on hydrogen bonding. Chemical Communications, 2017, 53, 6371-6374.	4.1	52
35	Exploring the saltâ€"cocrystal continuum with solid-state NMR using natural-abundance samples: implications for crystal engineering. IUCrJ, 2017, 4, 466-475.	2.2	60
36	Salts and Cocrystals of the Antidiabetic Drugs Gliclazide, Tolbutamide, and Glipizide: Solubility Enhancements through Drugâ€"Coformer Interactions. Crystal Growth and Design, 2017, 17, 2406-2417.	3.0	43

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37	Approaches to crystal structure landscape exploration. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2017, 73, 775-778.	1.1	13
38	Looking at aniline-phenol recognition in molecular crystals: an evergreen endeavour. Structural Chemistry, 2017, 28, 173-199.	2.0	2
39	Crystal engineering: structure, property and beyond. IUCrJ, 2017, 4, 710-711.	2.2	24
40	New multi-component solid forms of anti-cancer drug Erlotinib: role of auxiliary interactions in determining a preferred conformation. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2016, 72, 291-300.	1.1	21
41	Using structural modularity in cocrystals to engineer properties: elasticity. Chemical Communications, 2016, 52, 7676-7679.	4.1	83
42	A Drugâ€“Drug Salt Hydrate of Norfloxacin and Sulfathiazole: Enhancement of in Vitro Biological Properties via Improved Physicochemical Properties. Molecular Pharmaceutics, 2016, 13, 3590-3594.	4.6	86
43	Use of the Term â€œCrystal Engineeringâ€•in the Regulatory and Patent Literature of Pharmaceutical Solid Forms. Some Comments. Crystal Growth and Design, 2016, 16, 5585-5587.	3.0	14
44	Cocrystal and Salt Forms of Furosemide: Solubility and Diffusion Variations. Crystal Growth and Design, 2016, 16, 5418-5428.	3.0	105
45	Mechanical property design of molecular solids. Current Opinion in Solid State and Materials Science, 2016, 20, 361-370.	11.5	78
46	Crystal engineering and IUCrJ. IUCrJ, 2016, 3, 1-2.	2.2	16
47	Four- and five-component molecular solids: crystal engineering strategies based on structural inequivalence. IUCrJ, 2016, 3, 96-101.	2.2	57
48	Quaternary cocrystals: combinatorial synthetic strategies based on long-range synthon Aufbau modules (LSAM). IUCrJ, 2016, 3, 102-107.	2.2	40
49	Designing Elastic Organic Crystals: Highly Flexible Polyhalogenated Nâ€Benzylideneanilines. Angewandte Chemie, 2015, 127, 2712-2716.	2.0	65
50	Hardness Alternation in Î±,Ï‰â€Alkanedicarboxylic Acids. Chemistry - an Asian Journal, 2015, 10, 2176-2181.	3.3	26
51	Crystal chemistry and photomechanical behavior of 3,4-dimethoxycinnamic acid: correlation between maximum yield in the solid-state topochemical reaction and cooperative molecular motion. IUCrJ, 2015, 2, 653-660.	2.2	55
52	Solid Solution Hardening of Molecular Crystals: Tautomeric Polymorphs of Omeprazole. Journal of the American Chemical Society, 2015, 137, 1794-1797.	13.7	81
53	Tuning Mechanical Properties of Pharmaceutical Crystals with Multicomponent Crystals: Voriconazole as a Case Study. Molecular Pharmaceutics, 2015, 12, 889-897.	4.6	107
54	Designing Elastic Organic Crystals: Highly Flexible Polyhalogenated Nâ€Benzylideneanilines. Angewandte Chemie - International Edition, 2015, 54, 2674-2678.	13.8	213

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55	Combinatorial selection of molecular conformations and supramolecular synthons in quercetin cocrystal landscapes: a route to ternary solids. IUCrJ, 2015, 2, 402-408.	2.2	45
56	Dual Stress and Thermally Driven Mechanical Properties of the Same Organic Crystal: 2,6-Dichlorobenzylidene-4-fluoro-3-nitroaniline. Journal of the American Chemical Society, 2015, 137, 9912-9921.	13.7	140
57	Cocrystals of Hydrochlorothiazide: Solubility and Diffusion/Permeability Enhancements through Drugâ€“Coformer Interactions. Molecular Pharmaceutics, 2015, 12, 1615-1622.	4.6	218
58	Combinatorial crystal synthesis of ternary solids based on 2-methylresorcinol. CrystEngComm, 2015, 17, 7866-7869.	2.6	25
59	Intermolecular atomâ€“atom bonds in crystals â€“ a chemical perspective. IUCrJ, 2015, 2, 159-160.	2.2	63
60	Exploring the Crystal Structure Landscape with a Heterosynthon Module: Fluorobenzoic Acid:1,2-Bis(4-pyridyl)ethylene 2:1 Cocrystals. Crystal Growth and Design, 2015, 15, 489-496.	3.0	17
61	Crystal Structure and Prediction. Annual Review of Physical Chemistry, 2015, 66, 21-42.	10.8	65
62	IR spectroscopy as a probe for Câ€“Hâ‹¯X hydrogen bonded supramolecular synthons. CrystEngComm, 2015, 17, 1273-1290.	2.6	34
63	Bimodal nanoindentation response of the (001) face in crystalline sodium saccharin dihydrate. Macedonian Journal of Chemistry and Chemical Engineering, 2015, 34, 51.	0.6	8
64	Combinatorial Crystal Synthesis: Structural Landscape of Phloroglucinol:1,2â€bis(4â€pyridyl)ethylene and Phloroglucinol:Phenazine. Angewandte Chemie - International Edition, 2014, 53, 13178-13182.	13.8	38
65	Chemical crystallography and crystal engineering. IUCrJ, 2014, 1, 380-381.	2.2	12
66	Graded IR Filters: Distinguishing Between Single and Multipoint NO2Â·Â·Â·I Halogen Bonded Supramolecular Synthons (P, Q, and R Synthons). Australian Journal of Chemistry, 2014, 67, 1840.	0.9	8
67	Crystallography and Geopolitics. Science, 2014, 343, 1057-1057.	12.6	1
68	Solubility-Hardness Correlation in Molecular Crystals: Curcumin and Sulfathiazole Polymorphs. Crystal Growth and Design, 2014, 14, 3054-3061.	3.0	79
69	Crystallography and Chemistry: An Ongoing Engagement. Angewandte Chemie - International Edition, 2014, 53, 604-605.	13.8	7
70	Structural landscape of the 1â€‰:â€‰1 benzoic acidâ€‰:â€‰isonicotinamide cocrystal. Chemical Communications, 2014, 50, 1181-1184.	4.1	36
71	Synthon transferability probed with IR spectroscopy: cytosine salts as models for salts of lamivudine. CrystEngComm, 2014, 16, 4732-4741.	2.6	37
72	Anilineâ€“phenol recognition: from solution through supramolecular synthons to cocrystals. IUCrJ, 2014, 1, 228-239.	2.2	52

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73	Combinatorial Exploration of the Structural Landscape of Acidâ€“Pyridine Cocrystals. Crystal Growth and Design, 2014, 14, 1375-1385.	3.0	82
74	Obtaining Synthon Modularity in Ternary Cocrystals with Hydrogen Bonds and Halogen Bonds. Crystal Growth and Design, 2014, 14, 5293-5302.	3.0	102
75	Celebrating the International Year of Crystallography 2014. Crystal Growth and Design, 2014, 14, 1-1.	3.0	8
76	Crystal landscape in the orcinol:4,4â€²-bipyridine system: synthon modularity, polymorphism and transferability of multipole charge density parameters. IUCrJ, 2014, 1, 8-18.	2.2	32
77	Halogen bonds in some dihalogenated phenols: applications to crystal engineering. IUCrJ, 2014, 1, 49-60.	2.2	184
78	Designing Ternary Co-crystals with Stacking Interactions and Weak Hydrogen Bonds. 4,4â€²-Bis-hydroxyazobenzene. Crystal Growth and Design, 2014, 14, 2571-2577.	3.0	48
79	Halogen Bonds in Crystal Engineering: Like Hydrogen Bonds yet Different. Accounts of Chemical Research, 2014, 47, 2514-2524.	15.6	741
80	Studying Microstructure in Molecular Crystals With Nanoindentation: Intergrowth Polymorphism in Felodipine. Angewandte Chemie - International Edition, 2014, 53, 13102-13105.	13.8	72
81	Kristallographie und Chemie - eine fruchtbare Liaison. Angewandte Chemie, 2014, 126, 616-617.	2.0	0
82	Designing ternary cocrystals with hydrogen bonds and halogen bonds. Chemical Communications, 2013, 49, 7791.	4.1	107
83	Salt and Cocrystals of Sildenafil with Dicarboxylic Acids: Solubility and Pharmacokinetic Advantage of the Glutarate Salt. Molecular Pharmaceutics, 2013, 10, 4687-4697.	4.6	131
84	Chemistry in India: Unlocking the Potential. Angewandte Chemie - International Edition, 2013, 52, 114-117.	13.8	8
85	Nanoindentation in Crystal Engineering: Quantifying Mechanical Properties of Molecular Crystals. Angewandte Chemie - International Edition, 2013, 52, 2701-2712.	13.8	290
86	Synthon identification in co-crystals and polymorphs with IR spectroscopy. Primary amides as a case study. CrystEngComm, 2013, 15, 4640.	2.6	96
87	Crystal Engineering: From Molecule to Crystal. Journal of the American Chemical Society, 2013, 135, 9952-9967.	13.7	1,239
88	Oddâ€“Even Effect in the Elastic Modulii of Î±,Ï‰-Alkanedicarboxylic Acids. Journal of the American Chemical Society, 2013, 135, 8121-8124.	13.7	109
89	New Solid Forms of the Anti-HIV Drug Etravirine: Salts, Cocrystals, and Solubility. Crystal Growth and Design, 2013, 13, 3681-3690.	3.0	67
90	Editorial: Aggregation of Small Molecules: From Dimers to Crystals. ChemPhysChem, 2013, 14, 631-633.	2.1	4

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91	Synthon Modularity in Cocrystals of 4-Bromobenzamide with n-Alkanedicarboxylic Acids: Type I and Type II HalogenÂ·Â·Â·Halogen Interactions. Crystal Growth and Design, 2013, 13, 3242-3254.	3.0	116
92	Definition of the halogen bond (IUPAC Recommendations 2013). Pure and Applied Chemistry, 2013, 85, 1711-1713.	1.9	1,554
93	Unusual co-crystal of isonicotinamide: the structural landscape in crystal engineering. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2012, 370, 2900-2915.	3.4	47
94	Synthon Modularity in 4-Hydroxybenzamideâ€“Dicarboxylic Acid Cocrystals. Crystal Growth and Design, 2012, 12, 6188-6198.	3.0	49
95	Effect of dehydration on the mechanical properties of sodium saccharin dihydrate probed with nanoindentation. CrystEngComm, 2012, 14, 2489-2493.	2.6	54
96	Polymorphs and hydrates of Etoricoxib, a selective COX-2 inhibitor. CrystEngComm, 2012, 14, 5785.	2.6	21
97	4-Hydroxybenzamide 1,4-dioxane hemisolvate. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o2661-o2661.	0.2	2
98	Bold strategies for Indian science. Nature, 2012, 484, 159-160.	27.8	6
99	From the President of the International Union of Crystallography. Crystal Growth and Design, 2012, 12, 4687-4687.	3.0	2
100	Structural landscape of benzoic acid: using experimental crystal structures of fluorobenzoic acids as a probe. Chemical Communications, 2012, 48, 9020.	4.1	51
101	International Year of Crystallography, 2014. Science China Chemistry, 2012, 55, 2242-2243.	8.2	0
102	Polymorphs, Salts, and Cocrystals: Whatâ€™s in a Name?. Crystal Growth and Design, 2012, 12, 2147-2152.	3.0	767
103	Nanoindentation as a Probe for Mechanicallyâ€Induced Molecular Migration in Layered Organic Donorâ€“Acceptor Complexes. Chemistry - an Asian Journal, 2012, 7, 2118-2125.	3.3	45
104	Correction for Polymorphs, Salts and Cocrystals: Whatâ€™s in a Name?. Crystal Growth and Design, 2012, 12, 4290-4291.	3.0	17
105	Interaction anisotropy and shear instability of aspirin polymorphs established by nanoindentation. Chemical Science, 2011, 2, 2236.	7.4	151
106	Extending the Supramolecular Synthon Based Fragment Approach (SBFA) for Transferability of Multipole Charge Density Parameters to Monofluorobenzoic Acids and their Cocrystals with Isonicotinamide: Importance of Câ€“HÂ·Â·Â·O, Câ€“HÂ·Â·Â·F, and FÂ·Â·Â·F Intermolecular Regions. Journal of Physical Chemistry A, 2011, 115, 12852-12863.	2.5	57
107	Structural Variability in the Monofluoroethynylbenzenes Mediated through Interactions Involving â€œOrganicâ€•Fluorine. Crystal Growth and Design, 2011, 11, 3954-3963.	3.0	37
108	Nature and strength of Câ€“Hâ‹¯O interactions involving formyl hydrogen atoms: computational and experimental studies of small aldehydes. Physical Chemistry Chemical Physics, 2011, 13, 14076.	2.8	83

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109	Shape and size mimicry in the design of ternary molecular solids: towards a robust strategy for crystal engineering. Chemical Communications, 2011, 47, 12080.	4.1	87
110	Transferability of Multipole Charge Density Parameters for Supramolecular Synthons: A New Tool for Quantitative Crystal Engineering. Crystal Growth and Design, 2011, 11, 616-623.	3.0	65
111	Synthon polymorphism and pseudopolymorphism in co-crystals. The 4,4â€²-bipyridineâ€“4-hydroxybenzoic acid structural landscape. Chemical Communications, 2011, 47, 4090.	4.1	124
112	Definition of the hydrogen bond (IUPAC Recommendations 2011). Pure and Applied Chemistry, 2011, 83, 1637-1641.	1.9	1,449
113	Defining the hydrogen bond: An account (IUPAC Technical Report). Pure and Applied Chemistry, 2011, 83, 1619-1636.	1.9	856
114	Halogen Bonding and Structural Modularity in 2,3,4- and 3,4,5-Trichlorophenol. Crystal Growth and Design, 2011, 11, 3735-3739.	3.0	53
115	Reflections on the Hydrogen Bond in Crystal Engineering. Crystal Growth and Design, 2011, 11, 896-898.	3.0	150
116	Drug-drug co-crystals: Temperature-dependent proton mobility in the molecular complex of isoniazid with 4-aminosalicylic acid. CrystEngComm, 2011, 13, 4358.	2.6	146
117	Polymorphs, Pseudopolymorphs, and Co-Crystals of Orcinol: Exploring the Structural Landscape with High Throughput Crystallography. Crystal Growth and Design, 2011, 11, 2637-2653.	3.0	92
118	Phenylboronic acids in crystal engineering: Utility of the energetically unfavorable syn,syn-conformation in co-crystal design. Science China Chemistry, 2011, 54, 1909-1919.	8.2	40
119	Crystal packing and melting temperatures of small oxalate esters: the role of Câ€”H...O hydrogen bonding. Acta Crystallographica Section B: Structural Science, 2011, 67, 525-534.	1.8	17
120	Towards crystal structure prediction of complex organic compounds â€“ a report on the fifth blind test. Acta Crystallographica Section B: Structural Science, 2011, 67, 535-551.	1.8	358
121	Editorial: Science in a Changing World. Angewandte Chemie, 2011, 123, 5704-5705.	2.0	1
122	A Bond by Any Other Name. Angewandte Chemie - International Edition, 2011, 50, 52-59.	13.8	487
123	Editorial: Science in a Changing World. Angewandte Chemie - International Edition, 2011, 50, 5590-5591.	13.8	4
124	Molecular Complexes of Alprazolam with Carboxylic Acids, Boric Acid, Boronic Acids, and Phenols. Evaluation of Supramolecular Heterosynthons Mediated by a Triazole Ringâœ©âœ©Additional Supporting Information may be found in the online version of this article.. Journal of Pharmaceutical Sciences, 2010, 99, 3743-3753.	3.3	36
125	Molecular and crystal structure of 4-ethynylcyanobenzene. An example of CHâ‹¯N hydrogen bonding. Journal of Molecular Structure, 2010, 976, 200-204.	3.6	12
126	Quinoxaline:Zâ€² = 1 form. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, o2789-o2789.	0.2	4

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127	New Solid State Forms of the Anti-HIV Drug Efavirenz. Conformational Flexibility and High Zâ€² Issues. Crystal Growth and Design, 2010, 10, 3191-3202.	3.0	71
128	Mechanical Anisotropy in Crystalline Saccharin: Nanoindentation Studies. Crystal Growth and Design, 2010, 10, 4650-4655.	3.0	130
129	Third Polymorph of Phenylacetylene. Crystal Growth and Design, 2010, 10, 4246-4249.	3.0	44
130	Using Water as a Design Element in Crystal Engineering. Hostâ^'Guest Compounds of Hydrated 3,5-Dihydroxybenzoic Acid. Crystal Growth and Design, 2010, 10, 4184-4196.	3.0	68
131	Crystal engineering: A brief overview. Journal of Chemical Sciences, 2010, 122, 667-675.	1.5	186
132	Long-range synthon Aufbau modules (LSAM) in crystal structures: systematic changes in C₆H_{6â^'n}F_n (0 â‰¤ n â‰¤ 6) fluorobenzenes. CrystEngComm, 2010, 12, 817-833.	2.6	75
133	Câ€“Hâ‹¯Fâ€“C hydrogen bonding in 1,2,3,5-tetrafluorobenzene and other fluoroaromatic compounds and the crystal structure of alloxan revisited. CrystEngComm, 2010, 12, 2079.	2.6	95
134	Significant progress in predicting the crystal structures of small organic molecules â€“ a report on the fourth blind test. Acta Crystallographica Section B: Structural Science, 2009, 65, 107-125.	1.8	371
135	Structure-Based Design of DevR Inhibitor Active against Nonreplicating Mycobacterium tuberculosis. Journal of Medicinal Chemistry, 2009, 52, 6324-6334.	6.4	74
136	Co-Crystals of the Anti-HIV Drugs Lamivudine and Zidovudine. Crystal Growth and Design, 2009, 9, 951-957.	3.0	148
137	Additive induced polymorphism. The pentafluorophenolâ€“pentafluoroaniline system. CrystEngComm, 2009, 11, 229-231.	2.6	24
138	1,2,3-Trifluorobenzene. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, o2670-o2670.	0.2	6
139	1,3-Difluorobenzene. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, o2668-o2669.	0.2	5
140	Van der Waals and Polar Intermolecular Contact Distances: Quantifying Supramolecular Synthons. Chemistry - an Asian Journal, 2008, 3, 868-880.	3.3	42
141	Co-crystal formation and the determination of absolute configuration. CrystEngComm, 2008, 10, 1747.	2.6	45
142	Crystal Structure Prediction of a Co-Crystal Using a Supramolecular Synthon Approach: 2-Methylbenzoic Acidâ^'2-Amino-4-methylpyrimidine. Crystal Growth and Design, 2008, 8, 4031-4044.	3.0	75
143	Polymorphism: The Same and Not Quite the Same. Crystal Growth and Design, 2008, 8, 3-5.	3.0	139
144	On the presence of multiple molecules in the crystal asymmetric unit (Zâ€² > 1). CrystEngComm, 2007, 9, 91-92.	2.6	248

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145	On the Polymorphism of Aspirin. Angewandte Chemie - International Edition, 2007, 46, 615-617.	13.8	139
146	On the Polymorphism of Aspirin: Crystalline Aspirin as Intergrowths of Two â€œPolymorphicâ€•Domains. Angewandte Chemie - International Edition, 2007, 46, 618-622.	13.8	233
147	Crystal Engineering: A Holistic View. Angewandte Chemie - International Edition, 2007, 46, 8342-8356.	13.8	1,285
148	Theoretical investigation of Câ€“Hâ‹¯M interactions in organometallic complexes: A natural bond orbital (NBO) study. Computational and Theoretical Chemistry, 2007, 810, 143-154.	1.5	82
149	Crystal structure of Na4Li4(saccharinate)8Â·14H2O and its comparison with other alkali metal saccharinates. Journal of Molecular Structure, 2007, 871, 73-79.	3.6	3
150	5,5-Dibenzylbarbituric acid monohydrate. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o771-o772.	0.2	3
151	Hexaiodobenzene: a redetermination at 100â€…K. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o910-o911.	0.2	17
152	Strong and weak hydrogen bonds in the protein-ligand interface. Proteins: Structure, Function and Bioinformatics, 2007, 67, 128-141.	2.6	201
153	Strong and weak hydrogen bonds in drug-DNA complexes: A statistical analysis. Journal of Biosciences, 2007, 32, 677-691.	1.1	48
154	Chemistry: The Middle Kingdom. Resonance, 2007, 12, 44-60.	0.3	1
155	Crystallographic Studies of Supramolecular Synthons in Amine Solvates of trans-1,5-Dichloro-9,10-diethynyl-9,10- dihydroanthracene-9,10-diol. Crystal Growth and Design, 2006, 6, 2507-2516.	3.0	21
156	Synthon evolution and unit cell evolution during crystallisation. A study of symmetry-independent molecules (Zâ€² > 1) in crystals of some hydroxy compounds. Chemical Communications, 2006, , 555-557.	4.1	107
157	Effects of the substituent on the formation of dimers and catemers in phenylpyruvic acids. CrystEngComm, 2006, 8, 674.	2.6	55
158	Synthon robustness in saccharinate salts of some substituted pyridines. CrystEngComm, 2006, 8, 680.	2.6	31
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