Tayur N Guru Row

List of Publications by Year
in descending order

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162 papers	5,763 citations	81743 39 h-index	85405 71 g-index
166 all docs	166 docs citations	166 times ranked	5845 citing authors

#	Article	IF	Citations
1	Biheterocyclic Coumarins: A Simple Yet Versatile Resource for Futuristic Design and Applications in Bio-molecular and Material Chemistry. Current Organic Chemistry, 2022, 26, 444-506.	0.9	4
2	Halogen Bonded Network Modulating the Mechanical Property Elastic and Plastic Bending in Nonconventional Molecular Solid Solutions. Crystal Growth and Design, 2022, 22, 48-53.	1.4	8
3	Enhanced proton conductivity in amino acid based self-assembled non-porous hydrogen-bonded organic frameworks. Chemical Communications, 2022, , .	2.2	2
4	Comparative Investigation on the Crystal Structures, Hirshfeld Surface Analysis, Antitubercular Assays, and Molecular Docking of Regioisomeric 1,2,3â€Triazoles. ChemistrySelect, 2022, 7, .	0.7	2
5	The Relevance of Experimental Charge Density Analysis in Unraveling Noncovalent Interactions in Molecular Crystals. Molecules, 2022, 27, 3690.	1.7	14
6	Evolution of Cocrystals from Solid Solutions in Benzoic Acidâ€“Mono/poly-fluorobenzoic Acid Combinations. Crystal Growth and Design, 2021, 21, 4607-4618.	1.4	10
7	Potassium L-ascorbate monohydrate: a new metalâ€“organic nonlinear optical crystal. Applied Physics B: Lasers and Optics, 2021, 127, 1.	1.1	3
8	Unraveling the Nature of Weak Hydrogen Bonds and Intermolecular Interactions Involving Elements of Group 14â€“17 via Experimental Charge Density Analysis. Journal of the Indian Institute of Science, 2020, 100, 203-220.	0.9	5
9	A novel reaction of 2-phenacyl mercaptoimidazole with acetic anhydride: formation of an imidazothiazole with loss of a phenyl group. Journal of Chemical Sciences, 2020, 132, 1.	0.7	0
10	C-halogenâ€¦pi interactions in nucleic acids: a database study. Journal of Chemical Sciences, 2020, 132, 1.	0.7	15
11	Reply to the â€˜Comment on â€œUnprecedented 30 K hysteresis across switchable dielectric and magnetic properties in a bright luminescent organicâ€“inorganic halide (CH₆N₃)₂MnCl₄â€â€™ by M. SzafraÅ„ski, J. Mater. Chem. C, 2020, 8, 2594. Journal of Materials Chemistry C, 2020, 8, 12330-12331.	2.7	0
12	Minerals to Functional Materials: Characterization of Structural Phase Transitions and Raman Analysis of a Superionic Phase in Na₆Co(SO₄)₄. Inorganic Chemistry, 2020, 59, 8424-8431.	1.9	3
13	Synthesis, crystal growth and characterization of (1E, 4E)-1, 5-bis (4-methoxyphenyl) penta-1, 4-dien-3-one (BMPD). AIP Conference Proceedings, 2020, , .	0.3	1
14	Synthesis, characterization, single crystal growth and hirshfield surface analysis of (2E)-3-(5-bromothiophen-2-yl)-1-(naphthalen-1-yl) prop-2-en-1-one. AIP Conference Proceedings, 2020, , .	0.3	0
15	Evaluation of Cocrystallization Outcomes of Multicomponent Adducts: Rapid Fabrication to Achieve Uniform Particle Size Distribution Using Thermal Inkjet Printing. Crystal Growth and Design, 2020, 20, 4667-4677.	1.4	6
16	Phase Diagram and Dielectric Properties of MA_{1â€“x}FA_xPbI₃. ACS Energy Letters, 2019, 4, 2045-2051.	8.8	33
17	Experimental Insights into the Electronic Nature, Spectral Features, and Role of Entropy in Short CH₃···CH₃ Hydrophobic Interactions. Journal of Physical Chemistry Letters, 2019, 10, 7224-7229.	2.1	7
18	Organic Multifunctional Materials: Second Harmonic, Ferroelectric, and Dielectric Properties in N-Benzylideneaniline Analogues. Crystal Growth and Design, 2019, 19, 5934-5944.	1.4	8

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19	Unprecedented 30 K hysteresis across switchable dielectric and magnetic properties in a bright luminescent organicâ€“inorganic halide (CH₆N₃)₂MnCl₄. Journal of Materials Chemistry C, 2019, 7, 4838-4845.	2.7	37
20	Role of Functionalities in Structural Analogues Urocanic Acid and <scp>l</scp>-Histidine, toward the Formation of Anhydrous and Hydrated Molecular Salts. Crystal Growth and Design, 2019, 19, 1845-1852.	1.4	5
21	Nonâ€Classical Synthons: Supramolecular Recognition by Sâ‹…â‹…â‹…O Chalcogen Bonding in Molecular Complexes of Riluzole. Chemistry - A European Journal, 2019, 25, 3591-3597.	1.7	28
22	Critical Comparison of FAPbX₃ and MAPbX₃ (X = Br and Cl): How Do They Differ?. Journal of Physical Chemistry C, 2018, 122, 13758-13766.	1.5	84
23	Alloying in an Intercalation Host: Metal Titanium Niobates as Anodes for Rechargeable Alkaliâ€ion Batteries. Chemistry - an Asian Journal, 2018, 13, 299-310.	1.7	4
24	Crystal Form Diversity of the Antiepileptic Drug Retigabine. Crystal Growth and Design, 2018, 18, 1501-1508.	1.4	3
25	Syn vs Anti Carboxylic Acids in Hybrid Peptides: Experimental and Theoretical Charge Density and Chemical Bonding Analysis. Journal of Physical Chemistry A, 2018, 122, 3665-3679.	1.1	9
26	Quantitative investigation of intermolecular interactions in dimorphs of 3-Chloro-N-(2-fluorophenyl)benzamide and 2-Iodo-N-(4- bromophenyl)benzamide. Journal of Chemical Sciences, 2018, 130, 1.	0.7	2
27	Structural and biological evaluation of halogen derivatives of 1,9-pyrazoloanthrones towards the design of a specific potent inhibitor of c-Jun-N-terminal kinase (JNK). New Journal of Chemistry, 2018, 42, 10651-10660.	1.4	3
28	Manifestation of cocrystals and eutectics among structurally related molecules: towards understanding the factors that control their formation. CrystEngComm, 2017, 19, 1123-1132.	1.3	20
29	Superionic Behavior and Phase Transition in a Vanthoffite Mineral. Inorganic Chemistry, 2017, 56, 6048-6051.	1.9	9
30	Probing the influence of non-covalent contact networks identified by charge density analysis on the oxidoreductase BacC. Protein Engineering, Design and Selection, 2017, 30, 265-272.	1.0	5
31	Do halogen bonds dictate the packing preferences in solid solutions?. Faraday Discussions, 2017, 203, 201-212.	1.6	10
32	Observation of ferroelectric phase and large spontaneous electric polarization in organic salt of diisopropylammonium iodide. Journal of Applied Physics, 2017, 121, 114101.	1.1	22
33	Synthesis, molecular docking, antimycobacterial and antimicrobial evaluation of new pyrrolo[3,2- c]pyridine Mannich bases. European Journal of Medicinal Chemistry, 2017, 131, 275-288.	2.6	25
34	A heuristic approach to evaluateperiinteractionsversusintermolecular interactions in an overcrowded naphthalene. IUCrJ, 2017, 4, 37-49.	1.0	10
35	Computational approaches and sigma-hole interactions: general discussion. Faraday Discussions, 2017, 203, 131-163.	1.6	17
36	Beyond the halogen bond: general discussion. Faraday Discussions, 2017, 203, 227-244.	1.6	2

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37	Proton Conduction in a Quaternary Organic Salt: Its Phase Behavior and Related Spectroscopic Studies. Journal of Physical Chemistry C, 2017, 121, 18317-18325.	1.5	7
38	Probing the Critical Role of Sn Content in SnSb@C Nanofiber Anode on Li Storage Mechanism and Battery Performance. ACS Omega, 2017, 2, 9250-9260.	1.6	6
39	Exploring the rare Sâ€"H...S hydrogen bond using charge density analysis in isomers of mercaptobenzoic acid. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2017, 73, 626-633.	0.5	13
40	Multi-component adducts of benzoic acidâ€"fluorobenzoic acid combinations. Acta Crystallographica Section A: Foundations and Advances, 2017, 73, C473-C473.	0.0	1
41	Molecular salts of urocanic acid and <scp>L</scp>-histidine. Acta Crystallographica Section A: Foundations and Advances, 2017, 73, C417-C417.	0.0	1
42	Co-crystallization and small molecule crystal form diversity: from pharmaceutical to materials applications. CrystEngComm, 2016, 18, 8528-8555.	1.3	131
43	Analysis of an unusual hetero-halogen bonded trimer using charge density analysis: A case of concerted type I Brâ‹¯Br and type II Brâ‹¯Cl interactions. Journal of Chemical Sciences, 2016, 128, 1579-1587.	0.7	10
44	Synthesis, crystal structure and fluorescence properties of two dinuclear zinc(II) complexes incorporating tridentate (NNO) Schiff bases. Journal of Coordination Chemistry, 2016, 69, 2403-2414.	0.8	12
45	Is CH₃NH₃PbI₃ Polar?. Journal of Physical Chemistry Letters, 2016, 7, 2412-2419.	2.1	134
46	A gallic acidâ€"succinimide co-crystal landscape: polymorphism, pseudopolymorphism, variable stoichiometry co-crystals and concomitant growth of non-solvated and solvated co-crystals. CrystEngComm, 2016, 18, 3191-3203.	1.3	26
47	Synthesis of Optically Active 2â€Aminoâ€1,3,4â€oxadiazoles and their Hybrid Peptides. Journal of Heterocyclic Chemistry, 2015, 52, 1438-1446.	1.4	4
48	Multicomponent Adducts of Pyridoxine: An Evaluation of the Formation of Eutectics and Molecular Salts. Crystal Growth and Design, 2015, 15, 3474-3480.	1.4	21
49	Crystal structure of 2,4,6-tris(cyclohexyloxy)-1,3,5-triazine. Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, 1328-1331.	0.2	2
50	Differential Cocrystallization Behavior of Isomeric Pyridine Carboxamides toward Antitubercular Drug Pyrazinoic Acid. Crystal Growth and Design, 2015, 15, 858-866.	1.4	18
51	Halogen Bonding and Chalcogen Bonding in 4,7-Dibromo-5,6-dinitro-2,1,3-benzothiadiazole. Journal of Physical Chemistry B, 2015, 119, 11382-11390.	1.2	27
52	â€œConformational Simulationâ€•of Sulfamethizole by Molecular Complexation and Insights from Charge Density Analysis: Role of Intramolecular SÂ·Â·Â·O Chalcogen Bonding. Crystal Growth and Design, 2015, 15, 2110-2118.	1.4	55
53	Do carboximideâ€"carboxylic acid combinations form co-crystals? The role of hydroxyl substitution on the formation of co-crystals and eutectics. IUCrJ, 2015, 2, 341-351.	1.0	26
54	Organic alloys of room temperature liquids thiophenol and selenophenol. Chemical Communications, 2015, 51, 14255-14258.	2.2	46

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55	Sâ‹¯O chalcogen bonding in sulfa drugs: insights from multipole charge density and X-ray wavefunction of acetazolamide. Physical Chemistry Chemical Physics, 2015, 17, 25411-25420.	1.3	74
56	Partial rotation of the isopropyl group in the solid state: single-crystal-to-single-crystal phase transformation in a carvacrol derivative. CrystEngComm, 2015, 17, 7482-7485.	1.3	7
57	Experimental validation of â€˜pnicogen bondingâ€™ in nitrogen by charge density analysis. Physical Chemistry Chemical Physics, 2015, 17, 2330-2334.	1.3	90
58	Synthesis, molecular docking and anti-mycobacterial evaluation of new imidazo[1,2-a]pyridine-2-carboxamide derivatives. European Journal of Medicinal Chemistry, 2015, 89, 616-627.	2.6	20
59	Crystallography in India: Past, Present and Future. Journal of Chemical Sciences, 2014, 126, 1241-1248.	0.7	0
60	Fluorine prefers hydrogen bonds over halogen bonds! Insights from crystal structures of some halofluorobenzenes. Zeitschrift Fur Kristallographie - Crystalline Materials, 2014, 229, .	0.4	12
61	T N Guru Row and Angshuman Roy Choudhury, Guest editors. Resonance, 2014, 19, 1069-1070.	0.2	0
62	The beginnings of X-ray crystallography. Resonance, 2014, 19, 1071-1073.	0.2	0
63	A Donorâ€“Acceptorâ€“Donor Structured Organic Conductor with SÂ·Â·Â·S Chalcogen Bonding. Crystal Growth and Design, 2014, 14, 459-466.	1.4	60
64	Structural Insights into Proton Conduction in Gallic Acidâ€“Isoniazid Cocrystals. Crystal Growth and Design, 2014, 14, 423-426.	1.4	38
65	Revealing the Polarizability of Organic Fluorine in the Trifluoromethyl Group: Implications in Supramolecular Chemistry. Crystal Growth and Design, 2014, 14, 5366-5369.	1.4	64
66	N-Alkyl derivative of 1,9-pyrazoloanthrone as a sensor for picric acid. RSC Advances, 2014, 4, 45306-45310.	1.7	7
67	Characterization of Interactions Involving Bromine in 2,2-Dibromo-2,3-dihydroinden-1-one via Experimental Charge Density Analysis. Crystal Growth and Design, 2014, 14, 5477-5485.	1.4	25
68	Symbiosis in Solid State Interconversion and Synthon Modularity in Hydroxybenzoic Acidâ€“Hexamine Adducts. Crystal Growth and Design, 2014, 14, 2614-2620.	1.4	6
69	Tracing a Crystallization Pathway of an RT Liquid, 4-Fluorobenzoyl Chloride: Metastable Polytypic Form as an Intermediate Phase. Crystal Growth and Design, 2014, 14, 4230-4235.	1.4	5
70	Comprehending the Formation of Eutectics and Cocrystals in Terms of Design and Their Structural Interrelationships. Crystal Growth and Design, 2014, 14, 4187-4198.	1.4	112
71	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.	1.0	32
72	Effect of inductive effect on the formation of cocrystals and eutectics. CrystEngComm, 2014, 16, 9930-9938.	1.3	28

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73	Experimental evidence for â€˜carbon bondingâ€™ in the solid state from charge density analysis. Chemical Communications, 2014, 50, 49-51.	2.2	154
74	Anthrapyrazolone analogues intercept inflammatory JNK signals to moderate endotoxin induced septic shock. Scientific Reports, 2014, 4, 7214.	1.6	6
75	Synthesis, structure, characterization and photocatalytic activity of Bi2Zr2O7 under solar radiation. RSC Advances, 2013, 3, 18938.	1.7	25
76	Halogen bonding in fluorine: experimental charge density study on intermolecular Fâ‹¯F and Fâ‹¯S donorâ€“acceptor contacts. Chemical Communications, 2013, 49, 7558.	2.2	117
77	A soluble-lead redox flow battery with corrugated graphite sheet and reticulated vitreous carbon as positive and negative current collectors. Bulletin of Materials Science, 2013, 36, 163-170.	0.8	21
78	Quasicrystals: A new state of matter?. Resonance, 2013, 18, 264-274.	0.2	0
79	Thermal Rearrangement of Azido Ketones into Oxazoles via Azirines: Oneâ€Pot, Metalâ€Free Heteroannulation to Functionalized 1,3â€Oxazoles. European Journal of Organic Chemistry, 2013, 2013, 264-267.	1.2	15
80	Crystal structures and binding studies of atovaquone and its derivatives with cytochrome bc1: a molecular basis for drug design. CrystEngComm, 2013, 15, 4871.	1.3	10
81	Unique Type II HalogenÂ·Â·Â·Halogen Interactions in Pentafluorophenyl-Appended 2,2â€²-Bithiazoles. Crystal Growth and Design, 2013, 13, 1045-1049.	1.4	46
82	H/F isosteric substitution to attest different equi-energetic molecular conformations in crystals. CrystEngComm, 2013, 15, 5403.	1.3	2
83	Lithium <scp>d</scp>-Isoascorbate Monohydrate, a New Nonlinear Optical Material. Crystal Growth and Design, 2013, 13, 97-105.	1.4	9
84	Charge Density Analysis of Ferulic Acid: Robustness of a Trifurcated Câ€“HÂ·Â·Â·O Hydrogen Bond. Crystal Growth and Design, 2012, 12, 6083-6091.	1.4	56
85	Effect of bismuth substitution on crystal chemistry, photocatalysis and conductivity in Sr3V2O8: a new structural type in palmierite class. RSC Advances, 2012, 2, 10505.	1.7	4
86	Evaluation of the role of disordered organic fluorine in crystal packing: insights from halogen substituted benzanilides. CrystEngComm, 2012, 14, 200-210.	1.3	41
87	Topological Electron Density Analysis and Electrostatic Properties of Aspirin: An Experimental and Theoretical Study. Crystal Growth and Design, 2012, 12, 4357-4366.	1.4	42
88	Polymorphism and tautomeric preference in fenobam and the utility of NLO response to detect polymorphic impurities. Chemical Communications, 2012, 48, 10559.	2.2	34
89	Vibrational and third-order nonlinear optical study on hydroxyethylammonium picrate (HEAP) single crystals. , 2012, , .		0
90	Polymorphs, Salts, and Cocrystals: Whatâ€™s in a Name?. Crystal Growth and Design, 2012, 12, 2147-2152.	1.4	767

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91	Polymorphic Anhydrous Cocrystals of Gallic Acid and Acetamide from Methanol: Pointers toward a Stable Cocrystal Form. Crystal Growth and Design, 2012, 12, 2744-2747.	1.4	22
92	Evidence for the â€œAmphotericâ€•Nature of Fluorine in Halogen Bonds: An Instance of ClÂ·Â·Â·F Contact. Crystal Growth and Design, 2012, 12, 1713-1716.	1.4	51
93	Correction for Polymorphs, Salts and Cocrystals: Whatâ€™s in a Name?. Crystal Growth and Design, 2012, 12, 4290-4291.	1.4	17
94	Crystal structures of fluorinated aryl biscarbonates and a biscarbamate: a counterpoise between weak intermolecular interactions and molecular symmetry. CrystEngComm, 2011, 13, 1531-1538.	1.3	10
95	Manipulation of the Hydration Levels in Minerals of Sodium Cadmium Bisulfate toward the Design of Functional Materials. Crystal Growth and Design, 2011, 11, 3213-3221.	1.4	13
96	Multicomponent solids of lamotrigine with some selected coformers and their characterization by thermoanalytical, spectroscopic and X-ray diffraction methods. CrystEngComm, 2011, 13, 6271.	1.3	52
97	Structural Variability in the Monofluoroethynylbenzenes Mediated through Interactions Involving â€œOrganicâ€•Fluorine. Crystal Growth and Design, 2011, 11, 3954-3963.	1.4	37
98	Polymorphism in Opto-Electronic Materials with a Benzothiazole-fluorene Core: A Consequence of High Conformational Flexibility of Ï€-Conjugated Backbone and Alkyl Side Chains. Crystal Growth and Design, 2011, 11, 1615-1622.	1.4	20
99	Role of organic fluorine in crystal engineering. CrystEngComm, 2011, 13, 2175.	1.3	289
100	Transferability of Multipole Charge Density Parameters for Supramolecular Synthons: A New Tool for Quantitative Crystal Engineering. Crystal Growth and Design, 2011, 11, 616-623.	1.4	65
101	Propensity of formation of zipper architecture vs. Lincoln log arrangement in solvated molecular complexes of melamine with hydroxybenzoic acids. CrystEngComm, 2011, 13, 4886.	1.3	20
102	Insights into conformational and packing features in a series of aryl substituted ethyl-6-methyl-4-phenyl-2-oxo-1,2,3,4-tetrahydropyrimidine-5-carboxylates. CrystEngComm, 2011, 13, 591-605.	1.3	23
103	Halogen Bonding in 2,5-Dichloro-1,4-benzoquinone: Insights from Experimental and Theoretical Charge Density Analysis. Crystal Growth and Design, 2011, 11, 1855-1862.	1.4	70
104	Charge Density Analysis of Heterohalogen (ClÂ·Â·Â·F) and Homohalogen (FÂ·Â·Â·F) Intermolecular Interactions in Molecular Crystals: Importance of the Extent of Polarizability. Crystal Growth and Design, 2011, 11, 1338-1346.	1.4	82
105	Synthesis, structure and ionic conductivity in scheelite type Li0Â·5Ce0Â·5â^'x Ln x MoO4 (x = 0 and 0Â·25, Ln) Tj ETQq1 1 0.784314 r	0.7	11
106	Chemical crystallography: From inception to maturity. Resonance, 2011, 16, 1176-1183.	0.2	0
107	Unusual anisotropic effects from 1,3â€dipolar cycloadducts of 4â€azidomethyl coumarins. Journal of Heterocyclic Chemistry, 2010, 47, 91-97.	1.4	8
108	Analysis of Clâ€¦Cl and C-Hâ€¦Cl intermolecular interactions involving chlorine in substituted 2-chloroquinoline derivatives. Journal of Chemical Sciences, 2010, 122, 677-685.	0.7	68

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109	Supramolecular Organization in Tetra Aqua (Î¼-8-Hydroxyquinoline-5-sulfonate) Barium (II) and AgÂ·Â·Â·I Interactions in a Pseudopolymorphic Form of (7-Iodo-8-hydroxyquinoline-5-sulfonate) Silver (I) Monohydrate. Journal of Chemical Crystallography, 2010, 40, 316-322.	0.5	4
110	Polymorphism in a TADDOL analogue induced by the presence of a chiral impurity. CrystEngComm, 2010, 12, 3452.	1.3	3
111	Charge Density Analysis of Crystals of Nicotinamide with Salicylic Acid and Oxalic Acid: An Insight into the Salt to Cocrystal Continuum. Crystal Growth and Design, 2010, 10, 3306-3310.	1.4	77
112	Experimental and Theoretical Charge Density Analysis of Polymorphic Structures: The Case of Coumarin 314 Dye. Crystal Growth and Design, 2010, 10, 1516-1526.	1.4	35
113	Directing role of functional groups in selective generation of Câ€“Hâ‹¯Ï€ interactions: In situ cryo-crystallographic studies on benzyl derivatives. CrystEngComm, 2010, 12, 3112.	1.3	70
114	Third Polymorph of Phenylacetylene. Crystal Growth and Design, 2010, 10, 4246-4249.	1.4	44
115	A Device to Crystallize Organic Solids: Structure of Ciprofloxacin, Midazolam, and Ofloxacin as Targets. Crystal Growth and Design, 2010, 10, 1866-1870.	1.4	28
116	Effect of substitution on molecular conformation and packing features in a series of aryl substituted ethyl-6-methyl-4-phenyl-2-thioxo-1,2,3,4-tetrahydropyrimidine-5-carboxylates. CrystEngComm, 2010, 12, 1205.	1.3	26
117	Nature of ClÂ·Â·Â·Cl Intermolecular Interactions via Experimental and Theoretical Charge Density Analysis: Correlation of Polar Flattening Effects with Geometry. Journal of Physical Chemistry A, 2010, 114, 13434-13441.	1.1	122
118	Evaluation of intermolecular interactions in thioisocoumarin derivatives: the role of the sulfur atom in generating packing motifs. CrystEngComm, 2009, 11, 284-291.	1.3	25
119	Structural Analysis by X-Ray Diffraction of a Polar Mesogen 4-Cyanobiphenyl-4â€²-heptylbiphenyl Carboxylate. Molecular Crystals and Liquid Crystals, 2009, 503, 99-111.	0.4	2
120	Synthesis, structure and photocatalytic properties of Î²-ZrMo2O8. Bulletin of Materials Science, 2009, 32, 337-342.	0.8	16
121	Synthesis, Characterization, and Photocatalytic Properties of ZrMo₂O₈. Journal of Physical Chemistry C, 2009, 113, 10661-10666.	1.5	23
122	In Situ Phase Separation Following Dehydration in Bimetallic Sulfates: A Variable-Temperature X-Ray Diffraction Study. Inorganic Chemistry, 2009, 48, 7048-7058.	1.9	9
123	High-Temperature Phase Transition Studies in a Novel Fast Ion Conductor, Na₂Cd(SO₄)₂, Probed by Raman Spectroscopy. Journal of Physical Chemistry A, 2009, 113, 1505-1507.	1.1	10
124	Crystal Structure of 5,6-Benzo-4-[(4-methyl)phenoxymethyl]coumarin. X-ray Structure Analysis Online, 2009, 25, 53-54.	0.1	3
125	Self assembly of C-methyl resorcin[4]arene with coumarin and thiocoumarin: A nanotubular array with a near perfect lock and key fit. Journal of Chemical Sciences, 2008, 120, 39-44.	0.7	9
126	Strength vs. Accessibility: Unraveling the Patterns of Selfâ€Recognition in a Conformationally Locked Amino Alcohol. European Journal of Organic Chemistry, 2008, 2008, 805-815.	1.2	4

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127	Disorder Induced Concomitant Polymorphism in 3-Fluoro-N-(3-fluorophenyl)benzamide. Crystal Growth and Design, 2008, 8, 848-853.	1.4	29
128	Evaluation of the interchangeability of Câ€“H and Câ€“F groups: insights from crystal packing in a series of isomeric fluorinated benzanilides. CrystEngComm, 2008, 10, 54-67.	1.3	112
129	Anhydrous Adenine: Crystallization, Structure, and Correlation with Other Nucleobases. Crystal Growth and Design, 2008, 8, 1223-1225.	1.4	49
130	Xâ€ray studies of the crystalline and nematic phases of 4â€²â€(3,4,5â€trifluorophenyl)â€4â€propylbicyclohexyl. Liquid Crystals, 2008, 35, 1307-1312.	0.9	7
131	In Situ Crystallography of KHSO₄: Probing the Kinetic Pathway for the Evolution of a Pyrolysis Reaction in the Crystalline State. Inorganic Chemistry, 2008, 47, 8613-8615.	1.9	13
132	Structure, Ionic Conduction and Dielectric Relaxation in a Novel Fast Ion Conductor, Na2Cd(SO4)2. Chemistry of Materials, 2007, 19, 347-349.	3.2	16
133	Crystal structure and ionic conductivity of the series A2Bi24Mo8X2O68 (A = Ca, Sr and Ba and X = Cr) Tj ETQq1 1 0.784314 rgBT /Ov	1.0	11
134	Solvatomorphism in 3-Fluorobenzoylaminophenyl 3-Fluorobenzoate:â€‰ A Subtle Interplay of Strong Hydrogen Bonds and Weak Intermolecular Interactions Involving Disordered Fluorine. Crystal Growth and Design, 2006, 6, 1267-1270.	1.4	39
135	Topological Analysis of Charge Density Distribution in Concomitant Polymorphs of 3-Acetylcoumarin, A Case of Packing Polymorphism. Crystal Growth and Design, 2006, 6, 708-718.	1.4	53
136	Organic fluorine as crystal engineering tool: Evidence from packing features in fluorine substituted isoquinolines. CrystEngComm, 2006, 8, 265.	1.3	58
137	Solvent mediated centric/non-centric polymorph pairs of an indole derivative: Subtle variation of Câ€“Hâ‹¯O hydrogen bonds and Câ€“Hâ‹¯Ï€ interactions. CrystEngComm, 2006, 8, 482.	1.3	12
138	Crystal structure and ionic conductivity of a new bismuth tungstate, Bi3W2O10.5. Journal of Chemical Sciences, 2006, 118, 43-46.	0.7	6
139	Structure-property relationship of polyethylene glycol-based PU/PAN semi-interpenetrating polymer networks. Journal of Applied Polymer Science, 2006, 99, 177-187.	1.3	12
140	Exploring polymorphism by solvent mediation in potentially active herbicide Metribuzin: A subtle interplay of weak intermolecular interactions. CrystEngComm, 2005, 7, 374.	1.3	11
141	Charge density based classification of intermolecular interactions in molecular crystals. CrystEngComm, 2005, 7, 608.	1.3	60
142	Exploring the Lower Limit in Hydrogen Bonds:Â Analysis of Weak Câ^'HÂ·Â·Â·O and Câ^'HÂ·Â·Â·Ï€ Interactions in Substituted Coumarins from Charge Density Analysis. Journal of Physical Chemistry A, 2005, 109, 659-672.	1.1	139
143	How Realistic Are Interactions Involving Organic Fluorine in Crystal Engineering? Insights from Packing Features in Substituted Isoquinolinesâ€. Crystal Growth and Design, 2004, 4, 47-52.	1.4	109
144	Low temperature crystallographic data on Kevlar 49 fibres. Journal of Materials Science, 2003, 38, 133-139.	1.7	8

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145	Phase transitions in A4Li(HSO4)3(SO4); A = Rb, K: Single crystal X-ray diffraction studies. Journal of Chemical Sciences, 2003, 115, 473-490.	0.7	8
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