Andrzej Katrusiak

List of Publications by Year
in descending order

508	9,069	87401	116156
papers	citations	40 h-index	66 g-index

531	531	531	6632
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Crystal and molecular structure of 8-hydroxyquinoline betaine monohydrate studied by X-ray, FTIR, NMR and DFT. Journal of Molecular Structure, 2022, 1248, 131421.	1.8	4
2	Stochastic hydration of a high-nitrogen-content molecular compound recrystallized under pressure. IUCrJ, 2022, 9, 49-54.	1.0	4
3	Mechanical strain, thermal and pressure effects on the absorption edge of an organic charge-transfer polymer for flexible photovoltaics and sensors. Materials Advances, 2022, 3, 2697-2705.	2.6	5
4	Competition between Hydrogen and Anagostic Bonds in Ruthenocene Phases under High Pressure. Journal of Physical Chemistry C, 2022, 126, 5028-5035.	1.5	5
5	Response to comment on Properties and interactions â€“ melting point of tribromobenzene isomers. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2022, 78, 276-278.	0.5	0
6	Stress to distress: Triboluminescence and pressure luminescence of lanthanide diketonates. Chemical Engineering Journal Advances, 2022, 11, 100326.	2.4	6
7	Comment on â€œImproper molecular ferroelectrics with simultaneous ultrahigh pyroelectricity and figures of meritâ€•by Li et al.. Science Advances, 2022, 8, .	4.7	1
8	Exchanged Metalâ€Hydrogen Anagostic Bonds and Resonance of Dithiocarbamate and Thioureide Mesomers**. Chemistry - A European Journal, 2022, 28, .	1.7	3
9	Metal-free enantiomorphic perovskite [dabcoH₂]²⁺[H₃O]⁺Br^{â^'} ₃ and its one-dimensional polar polymorph. IUCrJ, 2022, 9, 544-550.	1.0	1
10	Photoinduced Skeletal Rearrangement of N-Substituted Colchicine Derivatives. Journal of Organic Chemistry, 2021, 86, 11029-11039.	1.7	3
11	Time-dependent transformation routes of perovskites CsPbBr₃ and CsPbCl₃ under high pressure. Journal of Materials Chemistry A, 2021, 9, 10769-10779.	5.2	17
12	Structureâ€“property relationships of molecular shape and orientation with compression and expansion of xylitol. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2021, 77, 205-210.	0.5	3
13	High-Pressure Sorption of Hydrogen in Urea. Journal of Physical Chemistry C, 2021, 125, 7756-7762.	1.5	2
14	Highâ€pressure Nucleation of Lowâ€Ðensity Polymorphs**. Chemistry - A European Journal, 2021, 27, 7069-7073.	1.7	9
15	Compression and Thermal Expansion in Organic and Metalâ€“Organic Crystals: The Pressureâ€“Temperature Correspondence Rule. Crystal Growth and Design, 2021, 21, 2196-2204.	1.4	11
16	Mechanism of Pressure-Induced Phase Transitions and Structureâ€“Property Relations in Methylhydrazinium Manganese Hypophosphite Perovskites. Journal of Physical Chemistry C, 2021, 125, 10121-10129.	1.5	9
17	Highâ€pressure Nucleation of Lowâ€Ðensity Polymorphs. Chemistry - A European Journal, 2021, 27, 6999-6999.	1.7	0
18	High-pressure and environment effects in selenourea and its labile crystal field around molecules. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2021, 77, 449-455.	0.5	5

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19	Squeezing Out the Catalysts: A Sustainable Approach to Disulfide Bond Exchange in Aryl Disulfides. ACS Sustainable Chemistry and Engineering, 2021, 9, 7171-7178.	3.2	6
20	Lattice-Strain Coupled to Molecular Conformation and Disorder in Compressed Nickelocene. Journal of Physical Chemistry C, 2021, 125, 15670-15675.	1.5	4
21	Properties and interactions â€“ melting point of tribromobenzene isomers. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2021, 77, 632-637.	0.5	3
22	Stepwise Stressâ€Induced Transformations of Metalâ€Organic Polyhedral Clusterâ€Based Assemblies: Where Conformational and Supramolecular Features Meet. Chemistry - A European Journal, 2021, 27, 13757-13764.	1.7	4
23	Thermostructural and Elastic Properties of PbTe and Pb0.884Cd0.116Te: A Combined Low-Temperature and High-Pressure X-ray Diffraction Study of Cd-Substitution Effects. Crystals, 2021, 11, 1063.	1.0	4
24	High-Pressure Polymorphs Nucleated and Stabilized by Rational Doping under Ambient Conditions. Journal of Physical Chemistry C, 2021, 125, 23501-23509.	1.5	5
25	Solvent-controlled elongation and mechanochemical strain in a metalâ€“organic framework. Dalton Transactions, 2021, 50, 17478-17481.	1.6	1
26	Evidence of Pressure-Induced Phase Transitions and Negative Linear Compressibility in Formamidinium Manganese-Hypophosphite Hybrid Perovskite. Journal of Physical Chemistry C, 2021, 125, 26958-26966.	1.5	8
27	Hydrogen-bonding aggregation of N-methylpyrrolidine betaine with p-hydroxybenzoic acid. Journal of Molecular Structure, 2020, 1206, 127695.	1.8	4
28	FluorineÂ·Â·Â·Fluorine Interactions in a High-Pressure Layered Phase of Perfluorobenzene. Journal of Physical Chemistry C, 2020, 124, 99-106.	1.5	15
29	Centrosymmetric and asymmetric dimers of 5-(quinolinium)-valeric acid bromide monohydrate in crystal field and in silico. Journal of Molecular Structure, 2020, 1222, 128912.	1.8	0
30	Large negative linear compressibility of a porous molecular co-crystal. Chemical Communications, 2020, 56, 4324-4327.	2.2	11
31	Synthesis and Antiproliferative Screening Of Novel Analogs of Regioselectively Demethylated Colchicine and Thiocolchicine. Molecules, 2020, 25, 1180.	1.7	9
32	Solidâ€State Dynamics and Highâ€Pressure Studies of a Supramolecular Spiral Gear. Chemistry - A European Journal, 2020, 26, 5061-5069.	1.7	9
33	Pressure-Promoted Solvation of Resorcinol. Crystal Growth and Design, 2020, 20, 3112-3118.	1.4	7
34	Exploring ion-ion preferences through structure-property correlations: amino acid-derived, bis(guanidinium) disiloxane salts. Scientific Reports, 2020, 10, 646.	1.6	2
35	Enhancement of superconducting state properties of Fe_{0.994}Ni_{0.007}Te_{0.66}Se_{0.34} single crystal with increasing pressure: a correlation with pressure-induced crystallinity degradation. Superconductor Science and Technology, 2020, 33, 045004.	1.8	1
36	High-pressure luminescence of monoclinic and triclinic GdBO3: Eu3+. Ceramics International, 2020, 46, 26368-26376.	2.3	13

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37	Crystal design by CH...N and N...N interactions: high-pressure structures of high-nitrogen-content azido-triazolopyridazines compounds. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2020, 76, 1136-1142.	0.5	8
38	High-pressure preference for reduced water content in porous zinc aspartate hydrates. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2020, 76, 795-801.	0.5	0
39	Pressure-Dependent Crystallization Preference of Resorcinol Polymorphs. Crystal Growth and Design, 2019, 19, 5629-5635.	1.4	11
40	Vitrification and New Phases in the Water:Pyrimidine Binary Eutectic System. Journal of Physical Chemistry B, 2019, 123, 7190-7196.	1.2	1
41	Environment-Controlled Postsynthetic Modifications of Iron Formate Frameworks. Inorganic Chemistry, 2019, 58, 11773-11781.	1.9	14
42	How to Quench Ferromagnetic Ordering in a CN-Bridged Ni(II)-Nb(IV) Molecular Magnet? A Combined High-Pressure Single-Crystal X-Ray Diffraction and Magnetic Study. Magnetochemistry, 2019, 5, 33.	1.0	9
43	Pressure-Enhanced Environment Effects in Ferrocene Phases. Journal of Physical Chemistry C, 2019, 123, 25719-25723.	1.5	7
44	Band Gap Engineering in MASnBr₃ and CsSnBr₃ Perovskites: Mechanistic Insights through the Application of Pressure. Journal of Physical Chemistry Letters, 2019, 10, 7398-7405.	2.1	57
45	Structural, spectroscopic and theoretical studies of 8-hydroxyquinolinium bromide and its monohydrate. Vibrational Spectroscopy, 2019, 104, 102962.	1.2	5
46	Correlating Structure and Magnetic Behavior at High Pressure. , 2019, , 546-546.		0
47	Dynamic Resolution of Piezosensitivity in Single Crystals of Ï€â€Conjugated Molecules. Chemistry - A European Journal, 2019, 25, 6092-6097.	1.7	6
48	Gold nanorods as a high-pressure sensor of phase transitions and refractive-index gauge. Nanoscale, 2019, 11, 8718-8726.	2.8	29
49	Short NÂ·Â·Â·N and CHÂ·Â·Â·N Contacts in the Ambient and High-Pressure Polymorphs of a High-Nitrogen-Content Compound. Crystal Growth and Design, 2019, 19, 1832-1838.	1.4	10
50	Lab in a DAC â€“ high-pressure crystal chemistry in a diamond-anvil cell. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2019, 75, 918-926.	0.5	24
51	The shortest chalcogen...halogen contacts in molecular crystals. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2019, 75, 865-869.	0.5	2
52	Compression of Hydrogen-Bonded Layers in Imidazolidine-2-thione. Crystal Growth and Design, 2019, 19, 285-290.	1.4	2
53	High-Pressure Structure and Properties of N,N-Dimethylformamide (DMF). Crystal Growth and Design, 2019, 19, 896-901.	1.4	8
54	Effect of alkyl chain length in 2-(quinuclidinium)-alkanocarboxylates on structures of their complexes with 2,6-dichloro-4-nitrophenol. Journal of Molecular Structure, 2019, 1180, 812-825.	1.8	0

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55	Intermolecular chalcogen...halogen interaction in organic molecular crystals. Acta Crystallographica Section A: Foundations and Advances, 2019, 75, e500-e500.	0.0	1
56	Pressure-induced modification of molecular aggregation in crystals of benzocaine. Acta Crystallographica Section A: Foundations and Advances, 2019, 75, e302-e302.	0.0	0
57	Effects of donor-acceptor groups on structural and spectroscopic properties of hydrogen-bonded complex of 2-(hydroxymethyl)-1-methyl-piperidine with p -hydroxybenzoic acid and water. Vibrational Spectroscopy, 2018, 96, 67-73.	1.2	2
58	Spectroscopic, structural and theoretical investigation of 1,3-bis(3-hydroxymethylpyridinium)propane dibromide, tetrabromozincate and tetrabromocuprate. Journal of Molecular Structure, 2018, 1163, 345-356.	1.8	2
59	Dynamic Covalent Chemistry under Highâ€Pressure:A New Route to Disulfide Metathesis. Chemistry - A European Journal, 2018, 24, 8769-8773.	1.7	28
60	High-pressure and temperature dependence of the spontaneous resolution of 1,1â€²-binaphthyl enantiomers. Physical Chemistry Chemical Physics, 2018, 20, 5305-5311.	1.3	8
61	Zone-Collapse Amorphization Mimicking the Negative Compressibility of a Porous Compound. Crystal Growth and Design, 2018, 18, 1082-1089.	1.4	13
62	Loose crystals engineered by mismatched halogen bonds in hexachloroethane. CrystEngComm, 2018, 20, 328-333.	1.3	5
63	Pressure-Induced High-to-Low Zâ€² Phase Transition of a Conformationally Disordered Molecular Crystal. Crystal Growth and Design, 2018, 18, 3187-3192.	1.4	7
64	High-Pressure Transformations and the Resonance Structure of Thiourea. Journal of Physical Chemistry C, 2018, 122, 5064-5070.	1.5	11
65	Research Update: Tricritical point and large caloric effect in a hybrid organic-inorganic perovskite. APL Materials, 2018, 6, .	2.2	26
66	A giant 2-dimensional dielectric response in a compressed hydrogen-bonded hybrid organicâ€“inorganic salt. Journal of Materials Chemistry C, 2018, 6, 7689-7699.	2.7	12
67	Framework and coordination strain in two isostructural hybrid metalâ€“organic perovskites. CrystEngComm, 2018, 20, 5348-5355.	1.3	14
68	Solid-State Associative Reactions and the Coordination Compression Mechanism. Inorganic Chemistry, 2018, 57, 8942-8950.	1.9	17
69	Structural, spectroscopic and theoretical studies of 6-hydroxyquinolinium bromide monohydrate. Vibrational Spectroscopy, 2018, 99, 44-49.	1.2	4
70	Pressureâ€“Temperature Phase Diagrams and Transition Mechanisms of Hybrid Organicâ€“Inorganic NHÂ·Â·Â·N Bonded Ferroelectrics. Crystal Growth and Design, 2018, 18, 6488-6496.	1.4	9
71	Negative compressibility of a metalâ€“organic framework?. Acta Crystallographica Section A: Foundations and Advances, 2018, 74, e366-e367.	0.0	0
72	Molecular structure and spectral properties of 4-(1-pyridinium)-butyrate dihydrate and its hydrobromide. Vibrational Spectroscopy, 2017, 88, 40-48.	1.2	4

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73	Giant Anomalous Strain between High-Pressure Phases and the Mesomers of Urea. Journal of Physical Chemistry C, 2017, 121, 778-784.	1.5	24
74	Colossal Strain Release by Conformational Energy Up-Conversion in a Compressed Molecular Crystal. Journal of Physical Chemistry C, 2017, 121, 2539-2545.	1.5	19
75	Pressure inverse solubility and polymorphism of an edible Î³-cyclodextrin-based metalâ€“organic framework. Physical Chemistry Chemical Physics, 2017, 19, 9086-9091.	1.3	22
76	Piezochromic Topology Switch in a Coordination Polymer. Journal of Physical Chemistry Letters, 2017, 8, 929-935.	2.1	30
77	Tautomers of N -ethyl-3-oxopyridinium and its adduct with squaric acid studied by X-ray, Raman, FTIR, NMR and DFT methods. Vibrational Spectroscopy, 2017, 89, 102-112.	1.2	4
78	Pressure Effects on Crystallization, Polymorphism, and Solvation of 4,4â€²-Bipyridinium Perchlorate. Crystal Growth and Design, 2017, 17, 3134-3141.	1.4	8
79	Photovoltaic Hybrid Perovskites under Pressure. Journal of Physical Chemistry Letters, 2017, 8, 2496-2506.	2.1	104
80	Structureâ€“Property Relations and Polymorphism in Compressed Methylamines. Crystal Growth and Design, 2017, 17, 2218-2222.	1.4	8
81	Conformational flexibility and pseudosymmetric aggregation in a betainium salt hydrate. Structural Chemistry, 2017, 28, 859-865.	1.0	4
82	Piezochromic Porous Metalâ€“Organic Framework. Journal of Physical Chemistry Letters, 2017, 8, 279-284.	2.1	53
83	Spectroscopic and theoretical studies of the H-bonded complex of quinuclidine with 2,6-dichloro-4-nitrophenol. Vibrational Spectroscopy, 2017, 93, 29-35.	1.2	4
84	Reversible pressure pre-amorphization of a piezochromic metalâ€“organic framework. Dalton Transactions, 2017, 46, 14795-14803.	1.6	30
85	The conformations of new CF₃ and CF₃-CHF containing amides derived from carbohydrates: NMR, crystallographic and DFT study. New Journal of Chemistry, 2017, 41, 12631-12644.	1.4	5
86	Direct and Inverse Relations between Temperature and Pressure Effects in Crystals: A Case Study on o-Xylene. Journal of Physical Chemistry C, 2017, 121, 22303-22309.	1.5	23
87	Lifetime nanomanometry â€“ high-pressure luminescence of up-converting lanthanide nanocrystals â€“ SrF₂:Yb³⁺,Er³⁺. Nanoscale, 2017, 9, 16030-16037.	2.8	114
88	Structure and hydrogen bonding in 5-(dimethylphenylammonium)-valeric acid bromide hydrate. Vibrational Spectroscopy, 2017, 92, 188-193.	1.2	2
89	Three-component complex of piperidine-ethanol, p-hydroxybenzoic acid and water studied by X-ray, Raman, FTIR and DFT. Vibrational Spectroscopy, 2017, 92, 194-199.	1.2	6
90	High Pressure Effects on Zwitterionic and Thione Mesomeric Contributions in 2-Benzimidazole-2-Thione. Journal of Physical Chemistry C, 2017, 121, 18830-18836.	1.5	0

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91	A New Ethane Polymorph. Crystal Growth and Design, 2017, 17, 228-232.	1.4	10
92	Syntheses, Crystal Structures and Spectroscopic Studies of Bis[1â€²methylâ€³3â€²(methoxycarbonylmethyl)â€²benzimidazolium]²⁺ [CuBr₄]^{2â^'} and [ZnBr₄]^{2â^'} Compounds. ChemistrySelect, 2017, 2, 11120-11130.	0.7	2
93	Phase Transitions and Polymerization of C₆H₆â€“C₆F₆ Cocrystal under Extreme Conditions. Journal of Physical Chemistry C, 2016, 120, 29510-29519.	1.5	25
94	Pressure-preferred symmetric reactions of 4,4â€²-bipyridine hydrobromide. CrystEngComm, 2016, 18, 3223-3228.	1.3	5
95	Competition between Halogen and Hydrogen Bonds in Triiodoimidazole Polymorphs. Crystal Growth and Design, 2016, 16, 3869-3874.	1.4	21
96	Structure, spectroscopy and DFT calculations of 1,2-di(3-hydroxymethylpyridinium)ethane dibromide. Journal of Molecular Structure, 2016, 1120, 341-350.	1.8	4
97	Two Cyanide-Bridged Mn^{II}â€“Nb^{IV} Coordination Chain Ferrimagnets Promoted by Interchain Ferromagnetic Interactions. Inorganic Chemistry, 2016, 55, 5281-5286.	1.9	16
98	Giant strain geared to transformable H-bonded network in compressed Î²-<scp>d</scp>-mannose. Physical Chemistry Chemical Physics, 2016, 18, 11474-11479.	1.3	14
99	Disproportional proton tautomers of pipecolic acid and 2,6-dichloro-4-nitrophenol in a 2:3 complex. Chemical Physics, 2016, 477, 88-95.	0.9	6
100	Mechanism of Pressure-Induced Phase Transitions, Amorphization, and Absorption-Edge Shift in Photovoltaic Methylammonium Lead Iodide. Journal of Physical Chemistry Letters, 2016, 7, 3458-3466.	2.1	176
101	High-Pressure Crystallizations of meta-Dichlorobenzene and Dibromobenzene and Their Solid Solutions. Crystal Growth and Design, 2016, 16, 6304-6309.	1.4	8
102	Intermolecular Contacts in Compressed Î±-<scp>d</scp>Mannose. Crystal Growth and Design, 2016, 16, 6885-6890.	1.4	7
103	Crystal structure and physical properties of 1-methyl-3-(carboxymethyl)benzimidazolium betaineÂ·CuBr₂ in crystal and water solution. New Journal of Chemistry, 2016, 40, 10526-10535.	1.4	6
104	Pressure-induced preference for solvation of 5,6-dimethylbenzimidazole. CrystEngComm, 2016, 18, 3211-3215.	1.3	5
105	High-Pressure Preference for the Low Zâ€² Polymorph of a Molecular Crystal. Crystal Growth and Design, 2016, 16, 3947-3953.	1.4	22
106	Halogen and hydrogen bonds in compressed pentachloroethane. CrystEngComm, 2016, 18, 5393-5397.	1.3	7
107	Pressure-Stabilized Solvates of Xylazine Hydrochloride. Crystal Growth and Design, 2016, 16, 3756-3762.	1.4	10
108	Volume and Pressure Effects for Solvation: The Case Study on Polymorphs of Neat Triiodoimidazole Replaced by Its Solvate. Crystal Growth and Design, 2016, 16, 3917-3923.	1.4	10

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109	Synthesis, spectroscopic and theoretical studies of (R/S)-piperidinium-3-carboxylic acid 2,6-dichloro-4-nitrophenolate. Vibrational Spectroscopy, 2016, 83, 46-56.	1.2	6
110	Most Frequent Organic Interactions Compressed in Toluene. Crystal Growth and Design, 2016, 16, 1435-1441.	1.4	31
111	Spectroscopic studies of the 1:1 complex of piperidine-4-carboxylic acid (isonipecotic acid) with 2,6-dichloro-4-nitrophenol. Vibrational Spectroscopy, 2016, 85, 35-42.	1.2	8
112	Structural investigation of ribonuclease A conformational preferences using high pressure protein crystallography. Chemical Physics, 2016, 468, 53-62.	0.9	7
113	Structure of the complex of dimethylphenyl betaine with dichloroacetic acid studied by X-ray diffraction, DFT calculations, infrared and Raman spectra. Vibrational Spectroscopy, 2016, 84, 92-100.	1.2	15
114	High pressure used for producing a new solvate of 1,4-diazabicyclo[2.2.2]octane hydroiodide. New Journal of Chemistry, 2016, 40, 2014-2020.	1.4	5
115	Double helix quinine-based supergelator. Soft Matter, 2016, 12, 1368-1373.	1.2	3
116	Transformable H-bonds and conformation in compressed glucose. Chemical Science, 2015, 6, 1991-1995.	3.7	30
117	Spectroscopic studies of the 1:1 adduct of N-methylmorpholinium-acetate with hydrobromic acid in the crystalline and gaseous state. Vibrational Spectroscopy, 2015, 80, 36-41.	1.2	1
118	Conformational Conversion of 4,4â€²-Bipyridinium in a Hidden High-Pressure Phase. Crystal Growth and Design, 2015, 15, 764-770.	1.4	12
119	High-Pressure Crystallization and Structural Transformations in Compressed R,S-Ibuprofen. Crystal Growth and Design, 2015, 15, 1512-1517.	1.4	28
120	One-step ring condensation of hydrazine derivatives and cyclic anhydrides. Journal of Molecular Structure, 2015, 1085, 28-36.	1.8	5
121	Relations between compression and thermal contraction in 1,2,4-trichlorobenzene and melting of trichlorobenzene isomers. CrystEngComm, 2015, 17, 3446-3451.	1.3	2
122	CHÂ·Â·Â·N Bonds and Dynamics in Isostructural Pyrimidine Polymorphs. Crystal Growth and Design, 2015, 15, 4039-4044.	1.4	25
123	Enforcing Multifunctionality: A Pressure-Induced Spin-Crossover Photomagnet. Journal of the American Chemical Society, 2015, 137, 8795-8802.	6.6	144
124	Cascade of High-Pressure Transitions of Claudetite II and the First Polar Phase of Arsenic(III) Oxide. Crystal Growth and Design, 2015, 15, 3950-3954.	1.4	9
125	Hydrate smaller than the anhydrate. CrystEngComm, 2015, 17, 5468-5473.	1.3	21
126	Rare stoichiometry of carboxylâ€“carboxylate benzbetaine complexes: in vitro versus in silico. CrystEngComm, 2015, 17, 4143-4149.	1.3	2

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127	Halogen and Hydrogen Bond Architectures in Switchable Chains of Di- and Trihaloimidazoles. Crystal Growth and Design, 2015, 15, 1658-1665.	1.4	11
128	Giant Negative Area Compressibility Tunable in a Soft Porous Framework Material. Journal of the American Chemical Society, 2015, 137, 9296-9301.	6.6	103
129	Singularities in Molecular Conformation. Crystal Growth and Design, 2015, 15, 5530-5534.	1.4	1
130	Compressed Arsenolite As₄O₆ and Its Helium Clathrate As₄O₆Â·2He. Crystal Growth and Design, 2015, 15, 3740-3745.	1.4	37
131	Spectroscopic studies of the equilibrium between complexes of lasalocid acid with propargylamine and metal cations. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 150, 704-711.	2.0	2
132	Quantitative estimate of cohesion forces. CrystEngComm, 2015, 17, 9423-9430.	1.3	18
133	Discrete CHÂ·Â·Â·N Bonded Patterns Modified by Temperature and Pressure in Four Pyrazine Polymorphs. Crystal Growth and Design, 2015, 15, 5670-5674.	1.4	17
134	Spectroscopic, structural and theoretical investigation of bis(4-trimethylammoniumbenzoate) hydroiodide hydrate. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 136, 1149-1156.	2.0	5
135	Structural, spectroscopic and theoretical studies of dimethylphenyl betaine complex with two molecules of 2,6-dichloro-4-nitro-phenol. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 136, 1216-1226.	2.0	10
136	Isothermal and isochoric crystallization of highly hygroscopic pyridineN-oxide of aqueous solution. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2014, 70, 487-491.	0.5	9
137	Non-ambient crystallography â€“ is extreme becoming common?. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2014, 70, 399-400.	0.5	4
138	NHâ‹¯O and OHâ‹¯O interactions of glycine derivatives with squaric acid. New Journal of Chemistry, 2014, 38, 3556-3568.	1.4	19
139	Tri- and tetrafluoropropionamides derived from chiral secondary amines â€“ synthesis and the conformational studies. New Journal of Chemistry, 2014, 38, 3819-3830.	1.4	8
140	Colossal Monotonic Response to Hydrostatic Pressure in Molecular Crystal Induced by a Chemical Modification. Crystal Growth and Design, 2014, 14, 4247-4253.	1.4	26
141	Quasistatic Disorder of NHÂ·Â·Â·N Bonds and Elastic-Properties Relationship in 2-Phenylimidazole Crystals. Journal of Physical Chemistry C, 2014, 118, 7049-7056.	1.5	6
142	Halogenâ‹¯halogen contra Câ€“Hâ‹¯halogen interactions. CrystEngComm, 2014, 16, 8279-8285.	1.3	32
143	Wallachâ€™s Rule Enforced by Pressure in Mandelic Acid. Journal of Physical Chemistry C, 2014, 118, 4309-4313.	1.5	24
144	Bimodal Distribution of the Shortest Intermolecular Contacts in Crystals of Organic Compounds. Crystal Growth and Design, 2014, 14, 2223-2229.	1.4	15

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145	Anomalous compression of a weakly CHâ‹¯O bonded nonlinear optical molecular crystal. Journal of Materials Chemistry C, 2014, 2, 6471-6476.	2.7	23
146	Pressure-Induced Solvate Crystallization of 1,4-Diazabicyclo[2.2.2]octane Perchlorate with Methanol. Crystal Growth and Design, 2014, 14, 2187-2191.	1.4	20
147	Structureâ€“melting relations in isomeric dibromobenzenes. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2014, 70, 492-497.	0.5	6
148	Giant negative linear compression positively coupled to massive thermal expansion in a metalâ€“organic framework. Nature Communications, 2014, 5, 4337.	5.8	160
149	Spectral and structural studies of dimethylphenyl betaine hydrate. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2014, 128, 844-851.	2.0	16
150	Spectroscopic and structural investigation of 2,5-dicarboxy-1-methylpyridinium inner salt. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2014, 121, 586-595.	2.0	1
151	Unwinding Au⁺Â·Â·Â·Au⁺ Bonded Filaments in Ligand-Supported Gold(I) Polymer under Pressure. Journal of Physical Chemistry Letters, 2014, 5, 2182-2188.	2.1	25
152	Conformational and Hâ€Bonding Preferences for Facile Racemate Crystallization of Ribose. Chirality, 2014, 26, 806-810.	1.3	3
153	Stable Molecular Complex of Squaric Acid with 2-(Quinuclidinium)propionate. Australian Journal of Chemistry, 2013, 66, 836.	0.5	10
154	Structure and conformation of 2,3-diethoxycarbonyl-1-methylpyridinium iodide studied by NMR, FTIR, Raman, X-ray diffraction and DFT methods. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2013, 115, 208-218.	2.0	4
155	Systematics in NH⁺Â·Â·Â·N-Bonded Monosalts of 4,4â€²-Bipyridine (44â€²biPy) with Mineral Acids. Crystal Growth and Design, 2013, 13, 4378-4384.	1.4	7
156	U-Turn Compression to a New Isostructural Ferrocene Phase. Journal of Physical Chemistry Letters, 2013, 4, 4032-4037.	2.1	23
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