Maciej Bujak

List of Publications by Year
in descending order

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65 papers	1,163 citations	516681 16 h-index	395678 33 g-index
65 all docs	65 docs citations	65 times ranked	1180 citing authors

#	Article	IF	Citations
1	Effective hydrostatic limits of pressure media for high-pressure crystallographic studies. Journal of Applied Crystallography, 2007, 40, 26-32.	4.5	440
2	High temperature ferro-paraelectric phase transition in tris(trimethylammonium) nonachlorodiantimonate(III) (TMACA) studied by X-ray diffraction method. Crystal Engineering, 2001, 4, 241-252.	0.7	68
3	Synthesis of chloroantimonates(III) with selected organic cations. X-ray studies of phase transition in ferroelectric tris(trimethylammonium) nonachlorodiantimonate(III) at 125K. Journal of Solid State Chemistry, 2004, 177, 3202-3211.	2.9	40
4	High-Pressure- and Low-Temperature-Induced Changes in [(CH3)2NH(CH2)2NH3][SbCl5]. Journal of Physical Chemistry B, 2006, 110, 10322-10331.	2.6	36
5	High-pressurein-situcrystallization, structure and phase transitions in 1,2-dichloroethane. Zeitschrift Fur Kristallographie - Crystalline Materials, 2004, 219, 573-579.	0.8	34
6	Energetics of conformational conversion between 1,1,2-trichloroethane polymorphs. Chemical Communications, 2008, , 4439.	4.1	33
7	Single crystal X-ray diffraction studies on [(CH3)nNH4â€“n]3[Sb2Cl9] (, 3) chloroantimonates(III) in their low-temperature ferroelectric phasesâ€”structures and phase transitions. Journal of Solid State Chemistry, 2005, 178, 2237-2246.	2.9	32
8	Conformational polymorphs of 1,1,2,2-tetrachloroethane: pressure vs. temperature. Chemical Communications, 2011, 47, 8769.	4.1	29
9	1,1-Dichloroethane:â€‰ A Molecular Crystal Structure without van der Waals Contacts?. Journal of Physical Chemistry B, 2008, 112, 1184-1188.	2.6	26
10	In-situ pressure crystallization and X-ray diffraction study of 1,1,2,2-tetrachloroethane at 0.5 GPa. Zeitschrift Fur Kristallographie - Crystalline Materials, 2004, 219, .	0.8	24
11	Crystal and Molecular Structure of 1,2,4-Triazolium Chloride and its Salt with Antimony Trichloride - Bis(1,2,4-triazolium) pentachloroantimonate(III)-1,2,4-triazolium Chloride. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2002, 57, 157-164.	0.7	20
12	Low-temperature single crystal X-ray diffraction and high-pressure Raman studies on [(CH3)2NH2]2[SbCl5]. Journal of Solid State Chemistry, 2007, 180, 3026-3034.	2.9	20
13	Halogen...halogen interactions in pressure-frozen ortho- and meta-dichlorobenzene isomers. Acta Crystallographica Section B: Structural Science, 2007, 63, 124-131.	1.8	20
14	Molecular association in low-temperature and high-pressure polymorphs of 1,1,1,2-tetrachloroethane. CrystEngComm, 2010, 12, 1263-1268.	2.6	18
15	Chemistry of density: extension and structural origin of Carnelley's rule in chloroethanes. CrystEngComm, 2012, 14, 4496.	2.6	18
16	Structure of chloroantimonates(III) with an imidazolium cation: (C3H5N2)[SbCl4] and (C3H5N2)2[SbCl5]. Journal of Molecular Structure, 2003, 647, 121-128.	3.6	17
17	Conformational Properties of Oxazole-Amino Acids: Effect of the Intramolecular Nâ€“HÂ·Â·Â·N Hydrogen Bond. Journal of Physical Chemistry B, 2014, 118, 2340-2350.	2.6	17
18	Structure and Phase Transitions in Ethylenediammonium Dichloride and its Salts with Antimony Trichloride. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2000, 626, 2535-2542.	1.2	15

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19	Effects of Side-Chain Orientation on the Backbone Conformation of the Dehydrophenylalanine Residue. Theoretical and X-ray Study. Journal of Physical Chemistry B, 2011, 115, 4295-4306.	2.6	15
20	The conformational properties of dehydrobutyrine and dehydrovaline: theoretical and solidâ€state conformational studies. Journal of Peptide Science, 2010, 16, 496-505.	1.4	14
21	Phase transition in bis(ethyldimethylammonium) pentachloroantimonate(III). Acta Crystallographica Section C: Crystal Structure Communications, 1999, 55, 1775-1778.	0.4	12
22	Intra- and intermolecular forces dependent main chain conformations of esters of Î±,Î²-dehydroamino acids. Journal of Molecular Structure, 2013, 1047, 229-236.	3.6	12
23	Aminoguanidinium(2+) aminoguanidinium(1+) hexachloroantimonate(III) at 295 and 92â€…K. Acta Crystallographica Section C: Crystal Structure Communications, 2001, 57, 388-391.	0.4	11
24	Dependence of the Distortion of the Square Pyramids in N, N-Dimethylethylenediammonium Pentachloroantimonate(III) on the Geometry of Hydrogen Bonds. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2001, 56, 521-525.	0.7	11
25	Primary- and secondary-octahedral distortion factors in bis(1,4-H2-1,2,4-triazolium) pentabromidoantimonate(III)â€“1,4-H2-1,2,4-triazolium bromide. Polyhedron, 2015, 85, 499-505.	2.2	11
26	Bis(dimethylammonium) Pentachloroantimonate(III), on the Deformation of the Octahedral Coordination of SbIII. Acta Crystallographica Section C: Crystal Structure Communications, 1998, 54, 1773-1777.	0.4	10
27	Distortions of [Sb₂Cl₁₀]^{4â€“} Bioctahedra and Phase Transitions in the Chloroantimonate(III) (C₃H₅NH₃)₂[SbCl₅] Â· (C₃H₅NH₃)Cl. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2007, 62, 44-50.	0.7	10
28	Efficient Diffusion-Controlled Ligand Exchange Crystal Growth of Isostructural Inorganicâ€“Organic Halogenidorhodates(III): The Missing Hexaiodidorhodate(III) Anion. Crystal Growth and Design, 2015, 15, 1295-1302.	3.0	10
29	Crystalline gas of 1,1,1-trichloroethane. CrystEngComm, 2011, 13, 396-398.	2.6	9
30	The nature of interactions of benzene with CF₃I and CF₃CH₂I. Chemical Communications, 2019, 55, 175-178.	4.1	9
31	4-Chloro-N-methyl-N-nitroaniline. Acta Crystallographica Section C: Crystal Structure Communications, 1998, 54, 672-674.	0.4	8
32	Synthesis, Structural and Spectroscopic Characterization of the Î±,Ï‰-Diammonioalkane Hexabromorhodates(III) [H3N(CH2)xNH3]2[H5O2][RhBr6]Br2 (x = 3, 4) â€“ IR Spectra of [H5O2]+ Ions with Weak Solid State Interactions. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2002, 57, 1391-1400.	0.7	7
33	Phase Transitions and Distortion of [BiCl6]3â€“ Octahedra in (C3H5NH3)3[BiCl6] â€“ DSC and Single-Crystal X-Ray Diffraction Studies. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2004, 59, 1029-1034.	0.7	7
34	Halogen and hydrogen bonds in compressed pentachloroethane. CrystEngComm, 2016, 18, 5393-5397.	2.6	7
35	Methyl 3-(4-methoxyphenyl)prop-2-enoate. Acta Crystallographica Section C: Crystal Structure Communications, 2002, 58, o76-o77.	0.4	6
36	Preparation, Crystal Structure at 298 and 90 K and Phase Transition in (C₂H₅NH₃)₂[SbBr₅] Studied by the Single Crystal X-Ray Diffraction Method. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2004, 59, 298-304.	0.7	6

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37	Halogenido ligand exchange synthesis, spectroscopic properties and thermal behaviour of the inorganicâ€“organic hydrogen-bonded network solid [4,4â€²-H2bipy][H7O3][RhBr6] containing discrete and weakly associated [H7O3]+ ions. Polyhedron, 2014, 68, 199-204.	2.2	6
38	Molecules Forced to Interact: Benzene and Pentafluoroiodobenzene. Crystal Growth and Design, 2020, 20, 3217-3223.	3.0	6
39	N,N,N',N'-Tetramethylguanidinium tetrachloroantimonate(III) at 295 and 92K. Acta Crystallographica Section C: Crystal Structure Communications, 1999, 55, 1443-1447.	0.4	5
40	Tris(N,N,Nâ€²,Nâ€²-tetramethylguanidinium) nonabromodiantimonate(III). Acta Crystallographica Section E: Structure Reports Online, 2007, 63, m102-m104.	0.2	5
41	Conformational preferences and synthesis of isomers Z and E of oxazoleâ€dehydrophenylalanine. Biopolymers, 2016, 106, 283-294.	2.4	5
42	Formation and distortion of iodidoantimonates(III): the first isolated [SbI₆]^{3â¯}octahedron. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2017, 73, 432-442.	1.1	5
43	Loose crystals engineered by mismatched halogen bonds in hexachloroethane. CrystEngComm, 2018, 20, 328-333.	2.6	5
44	Melting point, molecular symmetry and aggregation of tetrachlorobenzene isomers: the role of halogen bonding. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2018, 74, 458-466.	1.1	5
45	Impact of the Î”Phe configuration on the Boc-Gly-Î”Phe-NHMe conformation: experiment and theory. Structural Chemistry, 2019, 30, 1685-1697.	2.0	5
46	CRYSTAL AND MOLECULAR STRUCTURE OF BIS(N,N-DIMETHYLETHYLENEDIAMMONIUM) HEXADECACHLOROTETRAANTIMONATE(III) [(CH3)2NH(CH2)2NH3]2[Sb4Cl16] AT 295 AND 95 K. A STRUCTURALLY NOVEL [Sb4Cl16]4- ANION. Main Group Metal Chemistry, 2002, 25, .	1.6	4
47	Very close Iâ‹¯As and Iâ‹¯Sb interactions in trimethylpnictogen-pentafluoroiodobenzene cocrystals. CrystEngComm, 2021, 24, 70-76.	2.6	4
48	Title is missing!. Journal of Chemical Crystallography, 1999, 29, 555-560.	1.1	3
49	Synthesis and structure of tetrakis(tetramethylammonium) octacosachlorooctaantimonate(III) [(CH3)4N]4Sb8Cl28. Journal of Molecular Structure, 2000, 555, 179-185.	3.6	3
50	Properties and interactions â€“ melting point of tribromobenzene isomers. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2021, 77, 632-637.	1.1	3
51	Structure and Phase Transition in (C2H5NH3)3Sb2Cl9 Â· (C2H5NH3)SbCl4 ; X-ray, DSC and Dielectric Studies. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2000, 55, 526-532.	1.5	2
52	Octahedral distortion caused by hydrogen bonding in tris(diethylammonium) hexachloridoantimonate(III). Acta Crystallographica Section C: Crystal Structure Communications, 2010, 66, m101-m103.	0.4	2
53	Relations between compression and thermal contraction in 1,2,4-trichlorobenzene and melting of trichlorobenzene isomers. CrystEngComm, 2015, 17, 3446-3451.	2.6	2
54	Pyrazole amino acids: hydrogen bonding directed conformations of 3-amino-1H-pyrazole-5-carboxylic acid residue. Journal of Peptide Science, 2017, 23, 716-726.	1.4	2

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55	Isostructural Inorganicâ€“Organic Piperazine-1,4-diium Chlorido- and Bromidoantimonate(III) Monohydrates: Octahedral Distortions and Hydrogen Bonds. Molecules, 2020, 25, 1361.	3.8	2
56	Crystal structure of the inorganic-organic hybrid material tris(N,NÊ¹- dimethylethylenediammonium) bis(hexachloridorhodate(III)) dihydrate, C6H23Cl6N3ORh. Zeitschrift Fur Kristallographie - New Crystal Structures, 2014, 229, 147-148.	0.3	2
57	1,4-Dihydro-1-methyl-4-nitriminopyridine Dihydrate. Acta Crystallographica Section C: Crystal Structure Communications, 1998, 54, 1945-1948.	0.4	1
58	DEFORMATION OF THE OCTAHEDRAL COORDINATION OF THE Sb(III) ATOM IN THE STRUCTURE OF BIS(1,2,4-TRIAZOLIUM) PENTACHLOROANTIMONATE(III)(C2H4N3)2[SbCl5]. Main Group Metal Chemistry, 2002, 25, .	1.6	1
59	Crystal structure of 1,10-phenanthrolindiium bis(triiodide) monohydrate, C12H12I6N2O. Zeitschrift Fur Kristallographie - New Crystal Structures, 2014, 229, 379-380.	0.3	1
60	Understanding distortions of inorganic substructures in chloridobismuthates(III). Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2021, 77, 763-771.	1.1	1
61	Crystal structure of the inorganic-organic hybrid material bis(N,Ndimethyl- 1,3-diammoniopropane) hexachloridorhodate(III) chloride, [(CH3)2NH(CH2)3NH3]2[RhCl6]Cl, C10H32Cl7N4Rh. Zeitschrift Fur Kristallographie - New Crystal Structures, 2014, 229, 297-298.	0.3	1
62	3-Formyl-2-furanboronic acid: X-ray and DFT studies. Acta Crystallographica Section E: Structure Reports Online, 2004, 60, o1925-o1927.	0.2	0
63	Crystal structure of the layered inorganic-organic hybrid material bis(trans-cyclohexane-1,4-diammonium) hexabromidorhodate(III) bromide monohydrate, C12H34Br7N4ORh. Zeitschrift Fur Kristallographie - New Crystal Structures, 2014, 229, .	0.3	0
64	Crystal structure of 2,2â€™-bipyridindiium (2,2â€™-bipyridyl-Î²2N,Nâ€™)- tetrabromidorhodate(III) bromide, (C10H10N2)[RhBr4(C10H8N2)]Br, C20H18Br5N4Rh. Zeitschrift Fur Kristallographie - New Crystal Structures, 2014, 229, .	0.3	0
65	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.	1.1	0