

# Maciej Bujak

## List of Publications by Year in descending order

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65  
papers

1,163  
citations

586496

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65  
docs citations

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Response to comment on <i>Properties and interactions of melting point of tribromobenzene isomers</i>. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2022, 78, 276-278.	0.5	0
2	Properties and interactions of melting point of tribromobenzene isomers. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2021, 77, 632-637.	0.5	3
3	Understanding distortions of inorganic substructures in chloridobismuthates(III). Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2021, 77, 763-771.	0.5	1
4	Very close I <sup>-</sup> As and I <sup>-</sup> Sb interactions in trimethylpnictogen-pentafluoroiodobenzene cocrystals. CrystEngComm, 2021, 24, 70-76.	1.3	4
5	Isostructural Inorganic-Organic Piperazine-1,4-dium Chlorido- and Bromidoantimonate(III) Monohydrates: Octahedral Distortions and Hydrogen Bonds. Molecules, 2020, 25, 1361.	1.7	2
6	Molecules Forced to Interact: Benzene and Pentafluoroiodobenzene. Crystal Growth and Design, 2020, 20, 3217-3223.	1.4	6
7	Impact of the I <sup>+</sup> Phe configuration on the Boc-Gly-I <sup>+</sup> Phe-NHMe conformation: experiment and theory. Structural Chemistry, 2019, 30, 1685-1697.	1.0	5
8	The nature of interactions of benzene with CF <sub>3</sub> I and CF <sub>3</sub> CH <sub>2</sub> I. Chemical Communications, 2019, 55, 175-178.	2.2	9
9	Loose crystals engineered by mismatched halogen bonds in hexachloroethane. CrystEngComm, 2018, 20, 328-333.	1.3	5
10	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.	0.5	5
11	Pyrazole amino acids: hydrogen bonding directed conformations of 3-amino-1H-pyrazole-5-carboxylic acid residue. Journal of Peptide Science, 2017, 23, 716-726.	0.8	2
12	Formation and distortion of iodidoantimonates(III): the first isolated [Sb <sub>6</sub> ] <sup>3+</sup> octahedron. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2017, 73, 432-442.	0.5	5
13	Halogen and hydrogen bonds in compressed pentachloroethane. CrystEngComm, 2016, 18, 5393-5397.	1.3	7
14	Conformational preferences and synthesis of isomers Z and E of oxazole-dehydrophenylalanine. Biopolymers, 2016, 106, 283-294.	1.2	5
15	Efficient Diffusion-Controlled Ligand Exchange Crystal Growth of Isostructural Inorganic-Organic Halogenidorhodates(III): The Missing Hexaiodidorhodate(III) Anion. Crystal Growth and Design, 2015, 15, 1295-1302.	1.4	10
16	Relations between compression and thermal contraction in 1,2,4-trichlorobenzene and melting of trichlorobenzene isomers. CrystEngComm, 2015, 17, 3446-3451.	1.3	2
17	Primary- and secondary-octahedral distortion factors in bis(1,4-H <sub>2</sub> -1,2,4-triazolium) pentabromidoantimonate(III)-1,4-H <sub>2</sub> -1,2,4-triazolium bromide. Polyhedron, 2015, 85, 499-505.	1.0	11
18	Crystal structure of 1,10-phenanthroline bis(triiodide) monohydrate, C <sub>12</sub> H <sub>12</sub> I <sub>6</sub> N <sub>2</sub> O. Zeitschrift Fur Kristallographie - New Crystal Structures, 2014, 229, 379-380.	0.1	1

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19	Crystal structure of the layered inorganic-organic hybrid material bis(trans-cyclohexane-1,4-diammonium) hexabromidorhodate(III) bromide monohydrate, C <sub>12</sub> H <sub>34</sub> Br <sub>7</sub> N <sub>4</sub> O <sub>3</sub> Rh. Zeitschrift Fur Kristallographie - New Crystal Structures, 2014, 229, .	0.1	0
20	Halogenido ligand exchange synthesis, spectroscopic properties and thermal behaviour of the inorganic-organic hydrogen-bonded network solid [4,4'-H <sub>2</sub> bipy][H <sub>7</sub> O <sub>3</sub> ][RhBr <sub>6</sub> ] containing discrete and weakly associated [H <sub>7</sub> O <sub>3</sub> ] <sup>+</sup> ions. Polyhedron, 2014, 68, 199-204.	1.0	6
21	Conformational Properties of Oxazole-Amino Acids: Effect of the Intramolecular N-H...N Hydrogen Bond. Journal of Physical Chemistry B, 2014, 118, 2340-2350.	1.2	17
22	Crystal structure of 2,2'-bipyridindium (2,2'-bipyridyl- $\lambda^2$ N, $\lambda^2$ N)-tetrabromidorhodate(III) bromide, (C <sub>10</sub> H <sub>10</sub> N <sub>2</sub> )[RhBr <sub>4</sub> (C <sub>10</sub> H <sub>8</sub> N <sub>2</sub> )]Br, C <sub>20</sub> H <sub>18</sub> Br <sub>5</sub> N <sub>4</sub> Rh. Zeitschrift Fur Kristallographie - New Crystal Structures, 2014, 229, .	0.1	0
23	Crystal structure of the inorganic-organic hybrid material tris(N,N <sup>1</sup> -dimethylethylenediammonium) bis(hexachloridorhodate(III)) dihydrate, C <sub>6</sub> H <sub>23</sub> Cl <sub>6</sub> N <sub>3</sub> O <sub>3</sub> Rh. Zeitschrift Fur Kristallographie - New Crystal Structures, 2014, 229, 147-148.	0.1	2
24	Crystal structure of the inorganic-organic hybrid material bis(N,Ndimethyl-1,3-diammoniopropane) hexachloridorhodate(III) chloride, [(CH <sub>3</sub> ) <sub>2</sub> NH(CH <sub>2</sub> ) <sub>3</sub> NH <sub>3</sub> ] <sub>2</sub> [RhCl <sub>6</sub> ]Cl, C <sub>10</sub> H <sub>32</sub> Cl <sub>7</sub> N <sub>4</sub> Rh. Zeitschrift Fur Kristallographie - New Crystal Structures, 2014, 229, 297-298.	0.1	1
25	Intra- and intermolecular forces dependent main chain conformations of esters of $\alpha,\beta$ -dehydroamino acids. Journal of Molecular Structure, 2013, 1047, 229-236.	1.8	12
26	Chemistry of density: extension and structural origin of Carnelley's rule in chloroethanes. CrystEngComm, 2012, 14, 4496.	1.3	18
27	Crystalline gas of 1,1,1-trichloroethane. CrystEngComm, 2011, 13, 396-398.	1.3	9
28	Conformational polymorphs of 1,1,2,2-tetrachloroethane: pressure vs. temperature. Chemical Communications, 2011, 47, 8769.	2.2	29
29	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.	1.2	15
30	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
31	The conformational properties of dehydrobutyrine and dehydrovaline: theoretical and solid-state conformational studies. Journal of Peptide Science, 2010, 16, 496-505.	0.8	14
32	Molecular association in low-temperature and high-pressure polymorphs of 1,1,1,2-tetrachloroethane. CrystEngComm, 2010, 12, 1263-1268.	1.3	18
33	Energetics of conformational conversion between 1,1,2-trichloroethane polymorphs. Chemical Communications, 2008, , 4439.	2.2	33
34	1,1-Dichloroethane: A Molecular Crystal Structure without van der Waals Contacts?. Journal of Physical Chemistry B, 2008, 112, 1184-1188.	1.2	26
35	Distortions of [Sb <sub>2</sub> Cl <sub>10</sub> ] <sup>4-</sup> Bioctahedra and Phase Transitions in the Chloroantimonate(III) (C <sub>3</sub> H <sub>5</sub> NH <sub>3</sub> ) <sub>2</sub> [SbCl <sub>5</sub> ]·(C <sub>3</sub> H <sub>5</sub> NH <sub>3</sub> ) <sub>3</sub> Cl. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2007, 62, 44-50.	0.3	10
36	Low-temperature single crystal X-ray diffraction and high-pressure Raman studies on [(CH <sub>3</sub> ) <sub>2</sub> NH <sub>2</sub> ] <sub>2</sub> [SbCl <sub>5</sub> ]. Journal of Solid State Chemistry, 2007, 180, 3026-3034.	1.4	20

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37	Effective hydrostatic limits of pressure media for high-pressure crystallographic studies. <i>Journal of Applied Crystallography</i> , 2007, 40, 26-32.	1.9	440
38	Halogen...halogen interactions in pressure-frozen ortho- and meta-dichlorobenzene isomers. <i>Acta Crystallographica Section B: Structural Science</i> , 2007, 63, 124-131.	1.8	20
39	Tris(N,N,Nâ€²,Nâ€²-tetramethylguanidinium) nonabromodiantimonate(III). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, m102-m104.	0.2	5
40	High-Pressure- and Low-Temperature-Induced Changes in [(CH <sub>3</sub> ) <sub>2</sub> NH(CH <sub>2</sub> ) <sub>2</sub> NH <sub>3</sub> ][SbCl <sub>5</sub> ]. <i>Journal of Physical Chemistry B</i> , 2006, 110, 10322-10331.	1.2	36
41	Single crystal X-ray diffraction studies on [(CH <sub>3</sub> ) <sub>n</sub> NH <sub>4</sub> â€” <sub>n</sub> ] <sub>3</sub> [Sb <sub>2</sub> Cl <sub>9</sub> ] (, 3) chloroantimonates(III) in their low-temperature ferroelectric phasesâ€”structures and phase transitions. <i>Journal of Solid State Chemistry</i> , 2005, 178, 2237-2246.	1.4	32
42	Preparation, Crystal Structure at 298 and 90 K and Phase Transition in (C <sub>2</sub> H <sub>5</sub> ) <sub>5</sub> NH <sub>3</sub> [SbBr <sub>5</sub> ] Studied by the Single Crystal X-Ray Diffraction Method. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2004, 59, 298-304.	0.3	6
43	Phase Transitions and Distortion of [BiCl <sub>6</sub> ] <sup>3-</sup> Octahedra in (C <sub>3</sub> H <sub>5</sub> NH <sub>3</sub> ) <sub>3</sub> [BiCl <sub>6</sub> ] â€” DSC and Single-Crystal X-Ray Diffraction Studies. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2004, 59, 1029-1034.	0.3	7
44	3-Formyl-2-furanboronic acid: X-ray and DFT studies. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2004, 60, o1925-o1927.	0.2	0
45	Synthesis of chloroantimonates(III) with selected organic cations. X-ray studies of phase transition in ferroelectric tris(trimethylammonium) nonachlorodiantimonate(III) at 125K. <i>Journal of Solid State Chemistry</i> , 2004, 177, 3202-3211.	1.4	40
46	In-situ pressure crystallization and X-ray diffraction study of 1,1,2,2-tetrachloroethane at 0.5 GPa. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2004, 219, .	0.4	24
47	High-pressure in-situ crystallization, structure and phase transitions in 1,2-dichloroethane. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2004, 219, 573-579.	0.4	34
48	Structure of chloroantimonates(III) with an imidazolium cation: (C <sub>3</sub> H <sub>5</sub> N <sub>2</sub> )[SbCl <sub>4</sub> ] and (C <sub>3</sub> H <sub>5</sub> N <sub>2</sub> ) <sub>2</sub> [SbCl <sub>5</sub> ]. <i>Journal of Molecular Structure</i> , 2003, 647, 121-128.	1.8	17
49	DEFORMATION OF THE OCTAHEDRAL COORDINATION OF THE Sb(III) ATOM IN THE STRUCTURE OF BIS(1,2,4-TRIAZOLIUM) PENTACHLOROANTIMONATE(III)(C <sub>2</sub> H <sub>4</sub> N <sub>3</sub> ) <sub>2</sub> [SbCl <sub>5</sub> ]. <i>Main Group Metal Chemistry</i> , 2002, 25, .	0.6	1
50	CRYSTAL AND MOLECULAR STRUCTURE OF BIS(N,N-DIMETHYLETHYLENEDIAMMONIUM) HEXADECACHLOROTETRAANTIMONATE(III) [(CH <sub>3</sub> ) <sub>2</sub> NH(CH <sub>2</sub> ) <sub>2</sub> NH <sub>3</sub> ] <sub>2</sub> [Sb <sub>4</sub> Cl <sub>16</sub> ] AT 295 AND 95 K. A STRUCTURALLY NOVEL [Sb <sub>4</sub> Cl <sub>16</sub> ] <sup>4-</sup> ANION. <i>Main Group Metal Chemistry</i> , 2002, 25, .	0.6	4
51	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. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2002, 57, 157-164.	0.3	20
52	Synthesis, Structural and Spectroscopic Characterization of the 1,1-Diammonioalkane Hexabromorhodates( III) [H <sub>3</sub> N(CH <sub>2</sub> ) <sub>x</sub> NH <sub>3</sub> ] <sub>2</sub> [H <sub>5</sub> O <sub>2</sub> ][RhBr <sub>6</sub> ]Br <sub>2</sub> (x = 3, 4) â€” IR Spectra of [H <sub>5</sub> O <sub>2</sub> ] <sup>+</sup> Ions with Weak Solid State Interactions. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2002, 57, 1391-1400.	0.3	7
53	Methyl 3-(4-methoxyphenyl)prop-2-enoate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2002, 58, o76-o77.	0.4	6
54	Aminoguanidinium(2+) aminoguanidinium(1+) hexachloroantimonate(III) at 295 and 92â€”K. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2001, 57, 388-391.	0.4	11

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55	High temperature ferro-paraelectric phase transition in tris(trimethylammonium) nonachloroantimonate(III) (TMACA) studied by X-ray diffraction method. <i>Crystal Engineering</i> , 2001, 4, 241-252.	0.7	68
56	Dependence of the Distortion of the Square Pyramids in N, N-Dimethylethylenediammonium Pentachloroantimonate(III) on the Geometry of Hydrogen Bonds. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2001, 56, 521-525.	0.3	11
57	Structure and Phase Transitions in Ethylenediammonium Dichloride and its Salts with Antimony Trichloride. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2000, 626, 2535-2542.	0.6	15
58	Synthesis and structure of tetrakis(tetramethylammonium) octacosachlorooctaantimonate(III) [(CH <sub>3</sub> ) <sub>4</sub> N] <sub>4</sub> Sb <sub>8</sub> Cl <sub>28</sub> . <i>Journal of Molecular Structure</i> , 2000, 555, 179-185.	1.8	3
59	Structure and Phase Transition in (C <sub>2</sub> H <sub>5</sub> NH <sub>3</sub> ) <sub>3</sub> Sb <sub>2</sub> Cl <sub>9</sub> · (C <sub>2</sub> H <sub>5</sub> NH <sub>3</sub> )SbCl <sub>4</sub> ; X-ray, DSC and Dielectric Studies. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2000, 55, 526-532.	0.7	2
60	N,N,N',N'-Tetramethylguanidinium tetrachloroantimonate(III) at 295 and 92K. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1999, 55, 1443-1447.	0.4	5
61	Phase transition in bis(ethyltrimethylammonium) pentachloroantimonate(III). <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1999, 55, 1775-1778.	0.4	12
62	Title is missing!. <i>Journal of Chemical Crystallography</i> , 1999, 29, 555-560.	0.5	3
63	4-Chloro-N-methyl-N-nitroaniline. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1998, 54, 672-674.	0.4	8
64	1,4-Dihydro-1-methyl-4-nitriminopyridine Dihydrate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1998, 54, 1945-1948.	0.4	1
65	Bis(dimethylammonium) Pentachloroantimonate(III), on the Deformation of the Octahedral Coordination of Sb <sup>III</sup> . <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1998, 54, 1773-1777.	0.4	10