

## Załącznik 4

### Wykaz opublikowanych prac naukowych

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3. Maciej Bujak, Jacek Zaleski, *Bis(dimethylammonium) pentachloroantimonate(III), on the deformation of the octahedral coordination of Sb<sup>III</sup>*, Acta Crystallographica Section C: Crystal Structure Communications **54**, 1773-1777 (1998)
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8. Maciej Bujak, Jacek Zaleski, *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*, Zeitschrift für Naturforschung A. A Journal of Physical Sciences **55**, 526-532 (2000)
9. Maciej Bujak, Jacek Zaleski, *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>*, Journal of Molecular Structure **555**, 179-185 (2000)

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**prace opublikowane po uzyskaniu stopnia doktora**

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13. Maciej Bujak, Jacek Zaleski, *Dependence of the distortion of the square pyramids in N,N-dimethylethylenediammonium pentachloroantimonate(III) on the geometry of hydrogen bonds*, Zeitschrift für Naturforschung B. A Journal of Chemical Sciences **56**, 521-525 (2001)

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21. Maciej Bujak, Armand Budzianowski, Andrzej Katrusiak, *High-pressure in-situ crystallization, structure and phase transitions in 1,2-dichloroethane*, Zeitschrift für Kristallographie **219**, 573-579 (2004)
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24. Maciej Bujak, Andrzej Katrusiak, *In-situ pressure crystallization and X-ray diffraction study of 1,1,2,2-tetrachloroethane at 0.5 GPa*, Zeitschrift für Kristallographie **219**, 669-674 (2004)
25. Bartosz Zarychta, Krzysztof Ejsmont, Maciej Bujak, Jacek Zaleski, Andrzej Sporzyński, Agnieszka Miśkiewicz, Agata Strutyńska, Janusz Serwatowski, *3-Formyl-2-furanboronic acid: X-ray and DFT studies*, Acta Crystallographica Section E: Structure Reports Online **60**, o1925-o1927 (2004)
26. Maciej Bujak, Ross J. Angel, *Single crystal X-ray diffraction studies on  $[(CH_3)_nNH_{4-n}]_3[Sb_2Cl_9]$  ( $n = 2, 3$ ) chloroantimonates(III) in their low-temperature ferroelectric phases – structures and phase transitions*, Journal of Solid State Chemistry **178**, 2237-2246 (2005)
27. Maciej Bujak, Ross J. Angel, *High-pressure- and low-temperature-induced changes in  $[(CH_3)_2NH(CH_2)_2NH_3][SbCl_5]$* , Journal of Physical Chemistry B **110**, 10322-10331 (2006)
28. Ross J. Angel, Maciej Bujak, Jing Zhao, G. Diego Gatta, Steven D. Jacobson, *Effective hydrostatic limits of pressure media for high-pressure crystallographic studies*, Journal of Applied Crystallography **40**, 26-32 (2007)

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32. Maciej Bujak, Ross J. Angel, *Low-temperature single crystal X-ray diffraction and high-pressure Raman studies on  $[(CH_3)_2NH_2]_2[SbCl_5]$* , Journal of Solid State Chemistry **180**, 3026-3034 (2007)
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34. Maciej Bujak, Marcin Podsiadło, Andrzej Katrusiak, *Energetics of conformational conversion between 1,1,2-trichloroethane polymorphs*, Chemical Communications 4439-4441 (2008)
35. Maciej Bujak, Andrzej Katrusiak, *Molecular association in low-temperature and high-pressure polymorphs of 1,1,1,2-tetrachloroethane*, CrystEngComm **12**, 1263-1268 (2010)
36. Maciej Bujak, *Octahedral distortion caused by hydrogen bonding in tris(diethylammonium) hexachloridoantimonate(III)*, Acta Crystallographica Section C: Crystal Structure Communications **66**, m101-m103 (2010)
37. Dawid Siodłak, Justyna Grondys, Tadeusz Lis, Maciej Bujak, Małgorzata A. Broda, Barbara Rzeszotarska, *The conformational properties of dehydrobutyrine and dehydrovaline: theoretical and solid-state conformational studies*, Journal of Peptide Science **16**, 496-505 (2010)
38. Maciej Bujak, Marcin Podsiadło, Andrzej Katrusiak, *Crystalline gas of 1,1,1-trichloroethane*, CrystEngComm **13**, 396-398 (2011); publikacja wyróżniona jako "hot article"
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Summary:

- liczba publikacji - 41
- współczynnik wpływu (impact factor) - 67,061 (dla publikacji z 2012 roku przyjęto współczynnik z roku 2011)
- liczba cytowań - 463 (360 z wyłączeniem autocytowań)

Indeks Hirscha - 13

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