

# Przemysław Malinowski

## Lista publikacji

z dnia 31 października 2015

### Publikacje w czasopismach

1. Malinowski P. J., Kurzydłowski D., Grochala W., 2015, ***AgPO<sub>2</sub>F<sub>2</sub> and Ag<sub>9</sub>(PO<sub>2</sub>F<sub>2</sub>)<sub>14</sub>: the first Ag(I) and Ag(I)/Ag(II) difluorophosphates with complex crystal structures***, *Dalton Transactions* 44: s. 19478–19486
2. Malinowski P. J., Krossing I., 2014, ***Ag[Fe(CO)<sub>5</sub>]<sub>2</sub><sup>+</sup> - A bare Silver Complex with Fe(CO)<sub>5</sub> as a Ligand***, *Angewandte Chemie International Edition* 52: s. 13460–13462
3. Malinowski P. J., Derzsi M., Grochala W., 2013, ***Ag(I)S<sub>2</sub>O<sub>6</sub>CF<sub>3</sub>: the first trifluoromethylsulfonylsulfate(VI)***, *Dalton Transactions* 42: s. 10417–10423
4. Derzsi M., Budzianowski A., Struzhkin V. V., Malinowski P. J., Leszczyński P. J., Mazej Z., Grochala W., 2013, ***Redetermination of crystal structure of Ag(II)SO<sub>4</sub> and its high pressure behavior up to 30 GPa***, *CrystEngComm* 15: s. 192–198
5. Grochala W., Cyrański M. K., Derzsi M., Michałowski T., Malinowski P. J., Mazej Z., Kurzydłowski D., Koźmiński W., Budzianowski A., Leszczyński P. J., 2012, ***Crystal and electronic structure, lattice dynamics and thermal properties of Ag(I)(SO<sub>3</sub>)R (R=F, CF<sub>3</sub>) Lewis acids in the solid state***, *Dalton Transactions* 41: s. 2034–2047
6. Malinowski P. J., Derzsi M., Mazej Z., Jagličić Z., Leszczyński P., Michałowski T., Grochala W., 2011, ***Ag(SO<sub>3</sub>F)<sub>2</sub>, silver(II) fluorosulfate – a thermally fragile ferromagnetic derivative of divalent silver in oxa-ligand environment***, *European Journal of Inorganic Chemistry* 16: s. 2499–2507
7. Michałowski T., Malinowski P. J., Derzsi M., Mazej Z., Jagličić Z., Leszczyński P., Grochala W., 2011, ***Ag<sub>3</sub>(SO<sub>3</sub>F)<sub>4</sub> – a rare example of mixed valence Ag(I)/Ag(II) compound showing 1D antiferromagnetism***, *European Journal of Inorganic Chemistry* 16: s. 2508–2516
8. Malinowski P. J., Mazej Z., Derzsi M., Jagličić Z., Szydłowska J., Gilewski T., Grochala W., 2011, ***Silver (II) triflate with one dimensional [Ag(II)(SO<sub>3</sub>CF<sub>3</sub>)<sub>4/2</sub>]<sub>∞</sub> chains hosting antiferromagnetism***, *CrystEngComm* 13: s. 6871–6879
9. Derzsi M., Malinowski P. J., Mazej Z., Grochala W., 2011, ***Phonon spectra and phonon-dependent properties of AgSO<sub>4</sub>, an unusual sulfate of divalent silver***, *Vibrational Spectroscopy* 57: s. 334–337
10. Malinowski P. J., Derzsi M., Budzianowski A., Leszczyński P., Gawęł B., Mazej Z., Grochala W., 2011, ***Unusual thermal decomposition of Ag(II)SO<sub>4</sub> yielding Ag(I)<sub>2</sub>S<sub>2</sub>O<sub>7</sub>: bending the Hammond's rule***, *Chemistry – A European Journal* 17: s. 10524–10527.
11. Malinowski P. J., Derzsi M., Gawęł B., Łasocho W., Jagličić Z., Mazej Z., Grochala W., 2010, ***Ag<sup>II</sup>SO<sub>4</sub>: genuine sulfate of divalent silver with anomalously strong 1D antiferromagnetic interactions***, *Angewandte Chemie International Edition* 49: s. 1683–1686
12. Mazej Z., Goreschnik E., Jagličić Z., Gawęł B., Łasocho W., Grzybowska D., Jaroń T., Kurzydłowski D., Malinowski P. J., Koźmiński W., Szydłowska J., Leszczyński P., Grochala W., 2009, ***KAgF<sub>3</sub>, K<sub>2</sub>AgF<sub>4</sub> and K<sub>3</sub>Ag<sub>2</sub>F<sub>7</sub>: Important Steps Towards a Layered Antiferromagnetic Fluoroargentate (II)***, *CrystEngComm* 11: s. 1702–1710

13. Malinowski P., Mazej Z., Grochala W., 2008, **Probing Reactivity of the Potent AgF<sub>2</sub> Oxidizer. Part 2: Inorganic Compounds**, *Zeitschrift für anorganische und allgemeine Chemie* 634: s. 2608–2616.
14. Grzybowska D., Malinowski P.J., Mazej Z., Grochala W., 2008, **Probing Reactivity of the Potent AgF<sub>2</sub> Oxidizer. Part 1: Organic Compounds**, *Collection of Czechoslovak Chemical Communications* 73: s. 1729–1746