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Lista publikacji z dnia października 2015

Publikacje w czasopismach

1. Brzozowska A., Ćwik P., Durka K.,* Kliś T., Laudy E. A., Luliński S., Serwatowski J., Tyski S., Urban M., Wróblewski W., 2015, ***Benzosiloxaboroles: silicon benzoxaborole congeners with improved Lewis acidity, high diol affinity, and potent bioactivity***, *Organometallics*, 34: 2924–2932.
2. Steciuk I., Durka K., Gontarczyk K., Dąbrowski M., Luliński S., Woźniak K., 2015, ***Nitrogen–boron coordination versus OH⋯N hydrogen bonding in pyridoxaboroles – aza analogues of benzoxaboroles***, *Dalton Transactions*, 44: 16534-16546.
3. Gontarczyk K., Durka K.,* Klimkowski P., Luliński S., Serwatowski J., Woźniak K., 2015, ***Synthesis and characterization of di-, tri- and tetraboronic acids based on phenyl- and thienylsilane cores***, *Journal of Organometallic Chemistry*, 783: 1-9.
4. Durka K., Górska A., Kliś., Kublicki., Serwatowski J., Woźniak K., 2015, ***Synthesis and structural characterization of selected silylated or germylated pyrazoleboronic acids***, *Tetrahedron Letters*, 56: 1855-1859.
5. Durka K., Głowacki I., Luliński S., Łuszczynska B., Smętek J., Szczepanik P., Serwatowski J., Wawrzyniak U. E., Wesela-Bauman G., Witkowska E., Wiosna-Sałyga G., Woźniak K., 2015, ***Efficient 8-oxyquinolinato emitters based on a 9,10-dihydro-9,10-diboraanthracene scaffold for applications in optoelectronic devices***, *Journal of Material Chemistry C*, 3, 1354–1364.
6. Durka K., Luliński S., Dąbrowski M., Serwatowski J., 2014 ***Is carbon dioxide able to activate halogen-lithium exchange?*** *European Journal of Organic Chemistry*, 4562–4570.
7. Jarzemska K. N., Hoser A. A., Kamiński R., Madsen A. Ø., Durka K., Woźniak K., 2014, ***Combined experimental and computational studies of pyrazinamide and nicotinamide in the context of crystal engineering and thermodynamics***, *Crystal Growth&Design*, 14: 3453-3456.
8. Durka K.,* Kliś T., Serwatowski J., 2014 ***Crystal structure of (2-benzyloxypyrimidin-5-yl)boronic acid***, *Acta Crystallographica*, E70: 1259–1260.
9. Durka K.,* Jarzemska K. N., Luliński S., Smętek J., Serwatowski J., Woźniak K., 2014, ***Competition between hydrogen and halogen bonding in the structures of 5,10-dihydroxy-5,10-dihydroboranthrenes***, *Acta Crystallographica*, B70: 157–171.
10. Durka K., Górska A., Kliś T., Serwatowski J., Woźniak K., 2014, ***Formation of dilithiated bis-(1H-pyrazol-1-yl)alkanes and their application in the synthesis of diboronic acids***, *Tetrahedron Letters*, 55: 1234–1238.

11. Durka K.,* Luliński S., Serwatowski J., Woźniak K., 2014, ***Influence of fluorination and boronic group synergy on the acidity and structural behavior of o-phenylenediboronic acids***, *Organometallics*, 33: 1608–1616.
12. Wesela-Bauman G., Ciećwierz P., Durka K., Luliński S., Serwatowski J., Woźniak K., 2013, ***Heteroleptic (2-fluoro-3-pyridyl)arylboronic 8-oxyquinolinates for the potential application in OLEDs***, *Inorganic Chemistry*, 52: 10846–10859.
13. Luliński S., Smętek J., Durka K.,* Serwatowski J., 2013, ***Tandem synthesis of 9,10-dihydro-9,10-diboraanthracenes via elusive ortho-lithiated phenyl boronates***, *European Journal of Organic Chemistry*, 8315–8322.
14. Durka K.,* Luliński S., Serwatowski J., 2013 ***2-Methoxy-3-(trimethylsilyl)phenylboronic acid***, *Acta Crystallographica*, E69: o1818.
15. Durka K.,* Jarzemska K. N., Kamiński R., Luliński S., Serwatowski J., Woźniak K., 2013, ***Nanotubular Hydrogen-Bonded Organic Framework Architecture of 1,2-Phenylenediboronic Acid Hosting Ice Clusters***, *Crystal Growth&Design*, 13: 4181–4185.
16. Durka K., Kliš T., Serwatowski J., Woźniak K., 2013 ***Influence of the Silyl Group on the Reactivity of Some Ortho-Lithiated Aryl Alkyl Sulfides***, *Organometallics*, 32: 3145–3148.
17. Dąbrowski M., Durka K., Kliš T., Serwatowski J., Woźniak K., 2013, ***Substituent effect on benzylic lithiation of sulfides. Synthesis of diboronic acids derived from arylealkyl sulfides***, *Tetrahedron*, 69: 3159–3166.
18. Durka K.,* Luliński S., Smętek J., Dąbrowski M., Serwatowski J., Woźniak K., 2013 ***The Influence of Boronate Groups on the Selectivity of the Br–Li Exchange in Model Dibromoaryl Boronates***, *European Journal of Organic Chemistry*, 3023–3032.
19. Durka K.,* Jarzemska K. N., Kamiński R., Luliński S., Serwatowski J., Woźniak K., 2012, ***Structural and Energetic Landscape of Fluorinated 1,4-Phenylenediboronic Acids***, *Crystal Growth&Design*, 12: 3720–3724.
20. Durka K., Gontarczyk K., Kliš T., Serwatowski J., Woźniak K., 2012 ***Stability of some aryllithiums in the presence of cyano group: synthesis of biaromatic cyanoarylboronic acids and silanes***, *Applied Organometallic Chemistry*, 26: 287–292.
21. Dąbrowski M., Durka K., Serwatowski J., 2012 ***(N→B)-4-Methyl-3-pyridyl[N-methyliminodiacetate-O,O',N]borane***, *Acta Crystallographica*, E68: o3070.
22. Borowska E., Durka K.,* Luliński S., Serwatowski J., Woźniak K., 2012, ***On the Directing Effect of Boronate Groups in the Lithiation of Boronated Thiophene***, *European Journal of Organic Chemistry*, 2208–2218.
23. Dąbrowski M., Durka K.,* Luliński S., Serwatowski J., 2011 ***(2,4-Dipropoxyphenyl)boronic acid***, *Acta Crystallographica*, E67: o3455–o3455.

24. Dąbrowski M., Durka K., Luliński S., Serwatowski J., Warkocka J., 2011 **Ammonia–triphenylborane**, *Acta Crystallographica*, E67: o3098–o3098.
25. Durka K., Kliś T., Serwatowski J., Woźniak K., 2011, **Functionalization of some benzylthioarylboronic acids by benzylic lithiation of their N-butyldiethanolamine esters or lithium (trisisopropoxy)borates**, *Applied Organometallic Chemistry*, 25: 669–674.
26. Durka K.,* Hoser A. A., Kamiński R., Luliński S., Serwatowski J., Koźmiński W., Woźniak K., 2011, **Polymorphism of a model arylboronic azaester – combined experimental and computational studies**, *Crystal Growth&Design*, 11: 1835–1845.
27. Ochal Z., Banach Ł., Durka K., 2010, **Rapid and efficient synthesis of (R)-aryloxypropionic acid esters under microwave irradiation**, *Synthetic Communications*, 21: 3209–3213.
28. Durka K., Górka J., Kurach P., Luliński S., Serwatowski J., 2010, **Electrophilic ipso-iodination of silylated arylboronic acids**, *Journal of Organometallic Chemistry*, 695: 2635–2643.
29. Durka K., Kamiński R., Luliński S., Serwatowski J., Woźniak K., 2010, **On the nature of the B...N interaction and the conformational flexibility of arylboronic azaesters**, *Physical Chemistry Chemical Physics*, 12: 13126–13136.
30. Durka K., Kurach P., Luliński S., Serwatowski J., 2009, **Functionalization of Dihalophenylboronic Acids by Deprotonation of Their N-Butyldiethanolamine Esters**, *European Journal of Organic Chemistry*: 4325–4332.

Prace przeglądowe (recenzja naukowa):

1. Recenzja artykułu naukowego w czasopiśmie *CrystEngComm* (październik 2014).