Piotr Paluch

Lista publikacji

z dnia 31 października 2015

Książki i monografie

1. Jeziorna, A., Kazmierski, S., Paluch, P., Skorupska, E., Potrzebowski, M. J., 2014, ***„Recent Progress in the Solid-State NMR Studies of Short Peptides: Techniques, Structure and Dynamics" Annual Reports on NMR*** Spectroscopy, 68, 67-145

Publikacje w czasopismach

1. Pabis, A., Paluch, P., Szala, J., Paneth, P., 2009, ***A DFT study of the kinetic isotope effects on the competing SN2 and E2 reactions between hypochlorite anion and ethyl chloride***, J. Chem. Theory Comput., 5, 1, 33-36

2. Paluch, P., Potrzebowski, M. J., 2009, ***Combined solid state NMR and ONIOM studies of reversible crystalline phase reaction for nickel coordination compounds***, Solid State Nucl. Magn. Reson., 36, 2, 103-109

3. Nowicka, K., Bujacz, A., Paluch, P., Sobczuk, A., Jeziorna, A., Ciesielski, W., Bujacz, G. D., Jurczak, J., Potrzebowski, M. J., 2011, S***tudy of host-guest interactions in benzodiazacoronands by means of solid state NMR spectroscopy, X-ray diffraction and quantum mechanical computations***, Phys. Chem. Chem. Phys., 13, 14, 6423-6433

4. Jeziorna, A., Pawlak, T., Trzeciak-Karlikowska, K., Paluch, P., Potrzebowski, M. J., 2012, ***Magic angle spinning NMR study of interaction of N-terminal sequence of dermorphin (Tyr-d-Ala-Phe-Gly) with phospholipids,*** Biochim. Biophys. Acta - Biomembranes, 1818, 11, 2579-2587

5. Midura, W. H., Sobczak, A., Paluch, P., 2013, ***Stereoselective cyclopropyl phosphonate formation using (S)-dimethylsulfonium-(p-tolylsulfinyl)methylide***. Unusual phosphoryl group migration, Tetrahedron Lett., 54, 3, 223-226

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(diethoxyphosphoryl)coumarin, enolizable ketones and primary amines: Simple, stereoselective synthesis of benzo[1,3]oxazocine skeletons, RSC Adv., 3, 19, 6821-6832

7. Paluch, P., Pawlak, T., Amoureux, J. P., Potrzebowski, M. J., 2013, ***Simple and accurate determination of X-H distances under ultra-fast MAS NMR,*** J. Magn. Reson., 233, 56-63

8. Ghorbanloo, M., Jaworska, M., Paluch, P., Li, G.-D., Zhou, L. J., 2013, ***Synthesis, characterization, and catalytic activity for thioanisole oxidation of homogeneous and heterogeneous binuclear manganese(II) complexes with amino acid-based ligands,*** Transition Met. Chem., 38, 5, 511-521

9. Drabik, E., Jeziorna, A., Bienias, U., Trzeciak-Karlikowska, K., Pawlak, T., Paluch, P., Potrzebowski, M.J., 2013, ***Study of the mechanism of thermal chemical processes in the crystals of YAF tripeptides by means of mass spectrometry and solid state NMR,*** J. Phys. Chem. B, 117, 43, 13481-13489

10. Sierant, M., Paluch, P., Florczak, M., Rozanski, A., Miksa, B., 2013, ***Photosensitive nanocapsules for use in imaging from poly(styrene-co-divinylbenzene) cross-linked with coumarin derivatives,*** Colloids and Surfaces B: Biointerfaces, 111, 571-578

11. Pawlak, T., Paluch, P., Trzeciak-Karlikowska, K., Jeziorna, A., Potrzebowski, M.J., 2013, ***Study of the thermal processes in molecular crystals of peptides by means of NMR crystallography,*** Cryst. Eng. Comm., 15, 43, 8680-8692

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