

## List of publications

87. Grzegorz Skrzyński, **Monika Musiał**, "Benchmark study of the electronic states of LiRb molecule: ab initio calculations with the Fock space coupled cluster approach", *Molecules*, **28**, 7645-1-20 (2023).
86. Grzegorz Skrzyński, **Monika Musiał**, "Potential energy curves of the LiRb<sup>+</sup> molecular ion from ab initio calculations with all electrons correlated", *Adv. Quantum Chem.*, **88**, 213-227 (2023).
85. **Monika Musiał**, Stanisław A. Kucharski, "Advanced models of coupled cluster theory for the ground, excited and ionized states", *Adv. Quantum Chem.: Polish Quantum Chemistry from Kołos to now*, **87**, 73-113 (2023).
84. **Monika Musiał**, Anna Bewicz, Stanisław A. Kucharski, "Potential energy curves for electronic states of the sodium dimer with multi-reference coupled cluster calculations", *Mol. Phys.*, DOI:10.1080/00268976.2022.2106320 (2022).
83. Magdalena Tomanek, **Monika Musiał**, Stanisław A. Kucharski, "Fock-space coupled cluster method for potential energy curves of KH and its cation", *Adv. Quantum Chem.*, **83**, 135-138 (2021).
82. Denis Bokhan, Alexander S. Bednyakov, **Monika Musiał**, Ajith Perera, Dmitrii N. Trubnikov, "Explicitly correlated Fock-space coupled-cluster singles and doubles method for (1,1), (0,2), and (2,0) sectors", *J. Chem. Phys.*, **155**, 014107-1-14 (2021).
81. **Monika Musiał**, Stanisław A. Kucharski, Anna Bewicz, Patrycja Skupin, Magdalena Tomanek, "Electronic states of NaLi molecule: Benchmark results with Fock space coupled cluster approach", *J. Chem. Phys.*, **154**, 054109-1-14 (2021).
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76. M. Lesiuk, M. Przybytek, J. G. Balcerzak **M. Musiał**, R. Moszynski, "Ab initio Potential Energy Curve for the Ground State of Beryllium Dimer", *J. Chem. Theory Comput.*, **15**, 2470-2480 (2019).
75. A. Lisoń, **M. Musiał**, S. A. Kucharski, "Potential energy curves of the NaH molecule and its cation with the Fock space coupled cluster method", *Adv. Quantum Chem.*, **79**, 221-237 (2019).
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