SUBMISSION OF A MANUSCRIPT FOR EVALUATION

Dear Dr Prof. Đuran,

I am enclosing herewith a manuscript entitled with “Synthesis, x-ray structure and DFT calculation of magnetic properties of binuclear Ni(II) complex with tridentate hydrazone-based ligand” by Tanja Keškić, Dušanka Radanović, Andrej Pevec, Iztok Turel, Maja Gruden, Katarina Anđelković, Dragana Mitić, Matija Zlatar and myself, for evaluation and possible publication in Journal of the Serbian Chemical Society.

In this work, we present synthesis, X-ray structure determination, and DFT calculations of binuclear double end-on azido bridged Ni(II) complex. We performed the extensive DFT benchmark for the calculation of the magnetic exchange coupling. We believe the present manuscript demonstrates that synergy between experiment and theory is necessary for understanding the properties of inorganic complexes.

With the submission of this manuscript, I would like to undertake that the above-mentioned manuscript has not been published elsewhere, accepted for publication elsewhere, or under editorial review for publication elsewhere. This manuscript does not contain any materials that violate any personal or proprietary rights of any other person or entity, and submission has been approved by all co-authors. We believe that our contribution is well suited and interesting for the readership of Journal of the Serbian Chemical Society and would thus kindly ask you to consider it for evaluation.

Thank you for your time and consideration.

Sincerely,

Dr Božidar Čobeljić

Assistant Professor

Faculty of Chemistry University of Belgrade