

**Избранные публикации официального оппонента доктора химических наук,
профессора РАН МАРТЫНОВА Александра Германовича по тематике защищаемой
диссертации**

1. **Martynov A.G.**, Gorbunova Y.G. ¹H NMR spectral analysis in series of heteroleptic tripledecker lanthanide phthalocyaninato complexes: Contact and dipolar contributions of lanthanide-induced shifts // *Polyhedron*. 2010. Vol. 29, № 1. P. 391–399.
- 2 **Martynov A.G.**, Safonova E.A., Tsivadze A.Y., Gorbunova Y.G. Functional molecular switches involving tetrapyrrolic macrocycles // *Coord. Chem. Rev.* 2019. Vol. 387. P. 325–347.
3. **Martynov A.G.**, Gorbunova Y.G., Tsivadze A.Y. Novel approaches to model-free analysis of lanthanide-induced shifts, targeted to the investigation of contact term behavior. // *Dalton Trans.* 2011. Vol. 40, № 27. P. 7165–7171.
4. Mack J., Mkhize S., Safonova E.A., **Martynov A.G.**, Gorbunova Y.G., Tsivadze A.Y., Nyokong T. MCD spectroscopy and TD-DFT calculations of magnesium tetra-(15-crown-5-oxanthreno)-phthalocyanine // *J. Porphyrins Phthalocyanines*. 2016. Vol. 20. P. 505–513.
5. Holmberg R.J., Polovkova M.A., **Martynov A.G.**, Gorbunova Y.G., Murugesu M. Impact of the coordination environment on the magnetic properties of single-molecule magnets based on homo- and hetero-dinuclear terbium(III) heteroleptic tris(crownphthalocyaninate) // *Dalton Trans.* 2016. Vol. 45, № 22. P. 9320–9327.
6. Polovkova M.A., **Martynov A.G.**, Birin K.P., Nefedov S.E., Gorbunova Y.G., Tsivadze A.Y. Determination of the Structural Parameters of Heteronuclear (Phthalocyaninato)bis(crownphthalocyaninato)lanthanide(III) Triple-Deckers in Solution by Simultaneous Analysis of NMR and Single-Crystal X-ray Data // *Inorg. Chem.* 2016. Vol. 55, № 18. P. 9258–9269.
7. **Martynov A.G.**, Nefedova I. V., Efimov N.N., Ugolokova E.A., Minin V. V., Gorbunova Y.G., Tsivadze A.Y. Interaction of Octopus-like Cobalt(II) Phthalocyaninate with Fullerene C70 Studied by ESR Spectroscopy // *Macroheterocycles*. 2018. Vol. 11, № 4. P. 390–395.
8. Mack J., Mkhize S., Safonova E.A., **Martynov A.G.**, Gorbunova Y.G., Tsivadze A.Y., Nyokong T. MCD spectroscopy and TD-DFT calculations of magnesium tetra-(15-crown-5-oxanthreno)-phthalocyanine // *J. Porphyrins Phthalocyanines*. 2016. Vol. 20. P. 505–513