

مشخصات فردی

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 دکترا : کارشناسی ارشد
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اختراعات

کارگاه ها

علایق

طرح درس

زمینه های پژوهشی

I am extending my interests in the:

- Use of metal ions to control the conformation and reactivity of coordinated organic fragments
- Applications of macrocyclic metal complexes are numerous synthetic strategies for the development of new multidentate ligands based on schiff base reaction
- Non covalent bonding (hydrogen bonding, π - stacking) and solid-state chemistry
- Unsymmetrical polynucleating macrocycles and heterocycle-containing ligands
- Self-assembly of communicating arrays of transition metal ions
- Hydrothermal synthesis of inorganic network structures hybrid inorganic/organic systems

همکاری با تحریریه مجلات علمی

پروژه های تحقیقاتی خارج از دانشگاه

پروژه های تحقیقاتی

عضویت در کمیته ها و شوراهای

عضو شورای تحصیلات تکمیلی گروه شیمی

عضویت در مجامع علمی و انجمن ها

تشویق ها

پست های اجرایی

سوابق تدریسی

مقالات ارائه شده

ISI Papers:

1. **G. Mahmoudi**, A.V. Gurbanov, S. Rodríguez-Hermida, R. Carballo, M. Amini, A. Bacchi, M.P. Mitoraj, F. Sagan, M. Kukulka, D.A. Safin, Ligand-Driven Coordination Sphere-Induced Engineering of Hybrid Materials Constructed from Pb(II) and Bis-Pyridyl Organic Linkers for Single-Component Light-Emitting Phosphors, **Inorganic Chemistry**, 56 (2017) 9391-10118.
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5. **G. Mahmoudi**, L. Dey, H. Chowdhury, A. Bauza, B.K. Ghosh, A.M. Kirillov, S.K. Seth, A.V. Gurbanov, A. Frontera, Synthesis and crystal structures of three new lead(II) isonicotinoylhydrazone derivatives: Anion controlled nuclearity and dimensionality, **Inorganica Chimica Acta**, 461 (2017) 192-205.
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8. **G. Mahmoudi**, D.A. Safin, M.P. Mitoraj, M. Amini, M. Kubicki, T. Doert, F. Locherer, M. Fleck, Anion-driven tetrel bond-induced engineering of lead(II) architectures with N[prime or minute]-(1-(2-pyridyl)ethylidene)nicotinohydrazide: experimental and theoretical findings, **Inorganic Chemistry Frontiers**, 4 (2017) 171-182.
9. F.A. Afkhami, A.A. Khandar, **G. Mahmoudi**, M. Amini, E. Molins, P. Garczarek, J. Lipkowski, J.M. White, A.M. Kirillov, New cadmium(II) and zinc(II) coordination polymers derived from a pyridine-hydrazone block: Self-assembly generation, structural and topological features, and theoretical analysis, **Inorganica Chimica Acta**, 458 (2017) 68-76.
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19. **G. Mahmoudi**, A. Bauza, A. Frontera, Concurrent agostic and tetrel bonding interactions in lead(II) complexes with an isonicotinohydrazide based ligand and several anions, **Dalton Transactions**, 45 (2016) 4965-4969.
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58. بیست و یکمین همایش بلور شناسی و کانی شناسی ایران، دانشگاه سیستان و بلوچستان زاهدان، زمستان 1392
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برنامه درسی ترم جاری

برنامه آموزشی

سایر

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