

Leila Rostami

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Personal Information

Name and surname: Leila Rostami

Present academic position: Scientific member of Shomal University of Iran, Faculty of Engineering, Department of Chemical Engineering.

Current address: Chemical Engineering Department, Faculty of Engineering, Shomal University, Amol, P.O.Box 731, Iran .

Email: Leila.rostami64@gmail.com, L.rostami@shomal.ac.ir

Education

- PhD in Inorganic Chemical, Mazandaran University, Department of Chemistry , Babolsar, Iran (2017).

Dissertation Title: Synthesis and chromotropism study of copper(II) complexes containing amide ligands

- M.Sc in Inorganic Chemical, Mazandaran University, Department of Chemistry, Babolsar, Iran (2007-2009).

Thesis Title: The preparation of dinuclear complexes with cyclic dicomparymental ligand containing different coordination sites

- B.Sc in Chemical, Mazandaran University, Babolsar, Iran (2003-2007).

Publications

Journals:

1. **Rostami L**, Naeimi M, & Sadeghi E. (2026). Effect of Inulin and Whey Protein Concentrate as Fat Replacer in Low-Fat Wheyless Cheese: Textural, Physicochemical, and Sensory Characteristic. Plant Biotechnology Persa, 8(3): Proof.
Publisher: Ilam University of Medical Sciences
<https://pbp.medilam.ac.ir/article-1-434-en.pdf>

2. Mousavi, S., **Rostami, L.**, & Sadeghi, E. (2025). Modeling and Optimization of Functional, Muffin Composition Using Multi-Criteria Analysis and Fuzzy Decision Logic. International journal of nonlinear analysis and applications.
Publisher: [International Journal of Nonlinear Analysis and Applications \(IJNAA\)](#)
3. **Leila Rostami**, Hamid Golchoubian.(2017) Synthesis, Crystal Structure and Chromotropism Study of Copper Complexes Containing Tridentate and Pseudo Halide Ligands; Amide Linkage Isomerism, Inorganica Chimica Acta.
<https://doi.org/10.1016/j.ica.2017.03.035>
4. **Leila Rostami**, Hamid Golchoubian(2017). Copper(II) complexes containing hemilabile tridentate ligand as chromotropic probe, Journal of Coordination Chemistry.
<https://doi.org/10.1080/00958972.2017.1404996>
5. Hamid Golchoubian , **Leila Rostami** , Benson Kariuki .(2010) Preparation of Heterodinuclear Complexes with Phenol-Based Compartmental Ligands Containing Hexa- and Tridentate Coordination Sites? Polyhedron
<https://doi.org/10.1016/j.poly.2010.01.023>

Conferences:

1. Abdolvahabi, Sh., Sadeghi, E., & **Rostami, L.** (14-16 February, 2026). Analysis and optimization of physical properties of bitumen modified with recycled rubber using response surface methodology. The 13th International Chemical Engineering Congress & Exhibition (IChEC 2026), Tehran, Iran.
Publisher: [IChEC 2026](#)
2. Zare, M. H., Sadeghi, E., & **Rostami, L.** (14-16 February, 2026). Numerical Investigation of Natural Convection Heat Transfer of **Al2O3**/Water Nanofluid in an Inclined Square Cavity under the Influence of an External Magnetic Field. The 13th International Chemical Engineering Congress & Exhibition (IChEC 2026), Tehran, Iran.
Publisher: [IChEC 2026](#)
3. Ketabi, M, Sadeghi, E., & **Rostami, L.** (27 December 2025). Water Crisis and Familiarity with Social Responsibilities in Addressing This Crisis (Persian language). The first national conference on university, public rights, interest and social responsibilities, Shomal University, Amol, Iran.
<https://civilica.com/doc/2624033/>
4. **Rostami, L.**, & Sadeghi, E. (27 December 2025). The Role of Chemical Engineering in Protecting Public Resources and Realizing Public Rights through the Social Responsibility of Industries (Persian language). The first national conference on university, public rights, interest and social responsibilities, Shomal University, Amol, Iran.
<https://civilica.com/doc/2624053/>
5. Garmabi, F, **Rostami, L.**, & Sadeghi, E. (27 December 2025). Green Chemistry and the Social Responsibility of Chemical Engineers in Innovative Solutions for Oily Wastewater Treatment (Persian language). The first national conference on university, public rights, interest and social responsibilities, Shomal University, Amol, Iran.
<https://civilica.com/doc/2624040/>
6. **Leila Rostami**
Synthesis and identification of crystal structure of mononuclear copper(II) complex ,
سی و دومین همایش ملی بلور شناسی و کانی شناسی ایران . اسفند ۱۴۰۳
7. **Leila Rostami**
Identification of crystal structure of dinuclear copper(II) complex
سی و دومین همایش ملی بلور شناسی و کانی شناسی ایران . اسفند ۱۴۰۳

8. **Leila Rostami**, ghasem rahmani

Investigating the antioxidant properties of nettle extract prepared using different methods. The 6th national Conference on modern Research in Medicinal plants , chemistry and biology of Iran . the sep 2023 .

9. **Leila Rostami**, soheil mosavi

Investigating the effect of adding citron peel powder on the physicochemical, antioxidant, and sensory properties of muffins. The 6th national Conference on modern Research in Medicinal plants , chemistry and biology of Iran . the sep 2023.

10. لیلا رستمی

سنتر و بررسی تغییر رنگ کمپلکس دو هسته ای مس با لیگاند آمیدی
دومین همایش ملی رنگ محیط زیست و توسعه پایدار (۱۴۰۱)

11. **Leila Rostami**, Hamid Golchoubian.

Synthesis and chromotropism study of a copper complexes containing hemilabile tridentate and pseudo halide ligands. The 21th Iranian Inorganic Chemistry Conference IICC- University of Arak 26-30 th Sep 2019, Arak

12. **Leila Rostami**, Hamid Golchoubian.

Synthesis and Chromotropism investigation of Copper Complex with Amide Ligand, The 19th Iranian Chemistry Conference, 21-23 February 2017.

13. **Leila Rostami**, Hamid Golchoubian.

Copper(II) complexes containing hemilabile tridentate ligand as Chromotropic probes, The 19th Iranian Inorganic Chemistry Conference IICC-11, 5-7 September 2017.

۱۴. حمید گلچوبیان – لیلا رستمی

"بررسی اثر گروه X روی پتانسیل اکسایش کمپلکس کبالت با لیگاند حلقوی و غیر حلقوی"
هفتمین همایش شیمی دانشگاه پیام نور دانشگاه شیراز - آذر ۱۳۸۸

۱۵. حمید گلچوبیان - لیلا رستمی

"سنتر و شناسایی کمپلکس تک هسته ای با لیگاند حلقوی"
هفتمین همایش شیمی دانشگاه پیام نور دانشگاه شیراز - آذر ۱۳۸۸

16. **Leila Rostami**, Hamid Golchoubian.

“Synthesis and characterization of monometallic complexes with macro-acyclic ligand”. The 11th Iranian Inorganic Chemistry Conference IICC-11 Isfahan University of Technology & University of Isfahan 13-14th May 2009, Isfahan

۱۷. . حمید گلچوبیان - لیلا رستمی

سنتر و مطالعه رفتار هالوکرومیزم و ترموکرومیزم کمپلکس دو هسته ای مس (II) حاوی لیگاند آمیدی
ششمین کنفرانس بین المللی شیمی و مهندسی شیمی-تهران - بهمن ۹۸

MSc Thesis Advisor and Supervisor

More than 10 MSc students supervised.

Technical and Language Skills

- MS Office, Windows and the Internet (Proficient)

- Knowledge in Gaussian
- Experience in IR spectroscopy, UV_Vis spectroscopy, NMR spectroscopy , including spectral acquisition, analysis, and interpretation

Industrial and Professional Experience

- **Chemical Engineering department, Shomal University (Amol, Iran):**
 - Faculty member of Chemical Engineering Department at Shomal University (2012 up to now).
 - Director of Department of basic Science at Shomal University (2015 up to now).
 - Director of Department of chemical engineering at Shomal University (2024 up to now).
 - Member of Educational Council (2019 up to now).
 - Director, Office of Faculty Affairs, Evaluation & Higher Education Development