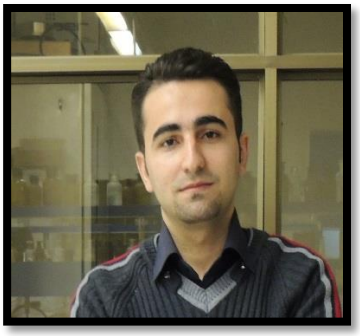
In The Name Of GOD



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Education

BSc.
University: University of Maragheh
Major: Applied chemistry

Msc.
University: University of Tehran
Major: Nanochemistry
Thesis: Copper nanoparticles supported on a layered double hydroxide as an efficient catalyst for the azide – alkyne cycloaddition

Supervisor**:** Dr. Morteza Farnia - Dr. Mojtaba Amini

Phd.
Major:
Thesis:

Supervisor:

Research Interests:
Synthesis and characterization of nanostructures, Catalyst, Water treatment membranes

Publications:

[1] Moosavifar, M., M. Nikkhoo, and F. Mansouri. "Host (nanocavity of dealuminated Y zeolite)-guest (Ce (IV) salophen/TiO2) nanocomposite materials as an efficient photocatalyst for degradation of 4-nitrophenol." *Research on Chemical Intermediates* 42.10 (2016): 7417-7427.
[2] Amini, Mojtaba, Mohammad Nikkhoo, and S. Morteza F. Farnia. "Synthesis, characterization

and catalytic properties of tetrachlorocuprate (II) immobilized on layered double hydroxide." *Applied Organometallic Chemistry* 31.9 (2017): e3710.
[3] Mahdavinia, Gholam Reza, et al. "Magnetic (chitosan/laponite)-immobilized copper (ii) ions: an efficient heterogeneous catalyst for azide–alkyne cycloaddition." *New Journal of Chemistry* 41.10 (2017): 3821-3828.
[4] Amini, Mojtaba, et al. "Synthesis, characterization and catalytic properties of a copper complex containing decavanadate nanocluster, Na 2 [Cu (H 2 O) 6] 2 {V 10 O 28}· 4H 2 O." *Inorganic Chemistry Communications* 77 (2017): 72-76.
[5] Nikkhoo, Mohammad, et al. "Oxido-peroxido W (VI)-histidine–MgAl-layered double hydroxide composite as an efficient catalyst in sulfide oxidation." *Applied Organometallic Chemistry* 32.6 (2018): e4358.
[6] Nikkhoo, Mohammad, et al. "Preparation and Characterization of Magnetic Chitosan/Cu–Mg–Al Layered Double Hydroxide Nanocomposite for the One-Pot Three-Component (A 3) Coupling of Aldehydes, Amines and Alkynes." *Journal of Inorganic and Organometallic Polymers and Materials* (2018): 1-8.

Conference:

[1] F. Mansouri ,M. Moosavifar, M. Nikkhoo. Synthesis and characterization of Ce(salophen) encapsulated into nanocage of dealuminated Y zeolite. *Proceedings of the 2nd Iran National Zeolite Conference (2INZC) 18-19 February 2014, Tehran, Iran*.

[2] F. Mansouri , M. Moosavifar, M. Nikkhoo. Ce(Salophene)/TiO2/HY as an efficient, reusable and eco-friendly photocatalystin the degradation of nitrophenol. *Proceedings of the 2nd Iran National Zeolite Conference (2INZC) 18-19 February 2014, Tehran, Iran*