



## Reza Mohammadi

Associate Professor

College: Chemistry

### Employment Information

Faculty/Department	Position/Rank	Employment Type	Cooperation Type	Grade
(not set)	(not set)	Tenure Track	Full Time	14

### Papers in Journals

1. Hanieh Hamed, Jahanghir Azizi, Siamak Javanbakht, Reza Mohammadi, In-situ Preparation of Highly Efficient Antibacterial Modified Pectin Using Zeolitic Imidazolate Framework, *Journal of Polymers and the Environment*, 28/11/2024.
2. Sima Darvishi, Hossein Hosseinzadeh, Reza Mohammadi, ....., Heparin-functionalized Cu-based metal-organic framework: An efficient active and passive targeting nanocarrier for anticancer doxorubicin drug delivery, *International Journal of Biological Macromolecules*, 27/11/2024.
3. Ali Mohammadzadeh, Siamak Javanbakht, Reza Mohammadi, Fahimeh Kazeminava, Ferrocene-functionalized magnetic core-shell nanoparticles based on hydrosilylation reaction for pH-responsive doxorubicin delivery system, *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, 18/12/2024.
4. Seyed Jamaledin Peighambaroust, Mina Mollazadeh Azari, Parisa Mohammadzadeh Pakdel, Reza Mohammadi, Rauf Foroutan, Carboxymethyl cellulose grafted poly (acrylamide)/magnetic biochar as a novel nanocomposite hydrogel for efficient elimination of methylene blue, *Biomass Conversion and Biorefinery*, 16/10/2024.
5. Hossein Hosseinzadeh, Siamak Javanbakht, Reza Mohammadi, Molecularly imprinting polymethacrylamide onto Cu-based metal-organic framework as a pH-sensitive core-shell nanocarrier for potential anti-cancer drug delivery, *Journal of Drug Delivery Science and Technology*, 15/10/2024.
6. Roghayeh Fathi, Siamak Javanbakht, Reza Mohammadi, Pectin/Alginate bio-nanocomposite hydrogel beads based on in-situ formed layered double hydroxide in the presence of Mentha extract: Antibacterial carrier for potential pH-responsive targeted anti-cancer drug delivery, *European Polymer Journal*, 11/12/2024.
7. Hossien Rasouli, Negin Sohrabi, Reza Mohammadi, Design and synthesis of a new recyclable nanohydrogel based on chitosan for Deltamethrin removal from aqueous solutions: Optimization and modeling by RSM-ANN, *International Journal of Biological Macromolecules*, 07/11/2024.