



**Mehdi Salami-Kalajahi**

Professor

College: Faculty of Polymer Engineering

#### Employment Information

Faculty/Department	Position/Rank	Employment Type	Cooperation Type	Grade
(not set)	(not set)	Tenured	Full Time	24

#### Papers in Journals

1. Ameneh Taghavi , Kahagh, Hossein Roghani , Mamaqani, Mehdi Salami , Kalajahi, Powering the future: a comprehensive review on calcium-ion batteries, *Journal of Energy Chemistry*, Vol. 90, pp. 77-97, 2024.
2. Sharareh Zeynalzadeh, Elham Dehghani, Ayla Hassani, Ali Baradar Khoshfetrat, Mehdi Salami , & Kalajahi, Effect of curcumin-loaded poly(amidoamine) dendrimer on cancer cell lines: a comparison between physical loading and chemical conjugation of drug, *Polymer Bulletin*, Vol. 81, pp. 1439-1452, 2024.
3. Hodayun Khezraqa, Habib Etemadi, Mehdi Salami-Kalajahi, Elham Shokri, The effect of modified silica nanoparticles on the polycarbonate thin-film nanocomposite membranes in a submerged membrane system for the treatment of surface-contaminated water, *Polymer Bulletin*, Vol. 81, pp. 1269-1289, 2024.
4. A review on polydopamine as an efficient material in different components of rechargeable ion batteries, *Journal of Energy Storage*, Vol. 79, pp. 110170, 2024.
5. Fatemeh Mohammadzadeh, Vahid Haddadi , Asl, Mehdi Salami , Kalajahi, pH-sensitive multi-arm star polyampholytes: a novel approach for simultaneous adsorption of anionic and cationic dyes, *Journal of Molecular Liquids*, Vol. 395, pp. 123863, 2024.