

دکتر مهدی سلامی حسینی

استاد

دانشکده: مهندسی پلیمر



### سوابق تحصیلی

مقطع تحصیلی	سال اخذ مدرک	رشته و گرایش تحصیلی	دانشگاه
کارشناسی	۱۳۸۰	مهندسی پلیمر - صنایع پلیمر	صنعتی امیرکبیر (پلی تکنیک)
کارشناسی ارشد	۱۳۸۲	مهندسی پلیمر - صنایع پلیمر	صنعتی امیرکبیر (پلی تکنیک)
دکترای تخصصی	۱۳۸۷	مهندسی پلیمر - صنایع پلیمر	صنعتی امیرکبیر (پلی تکنیک)

### اطلاعات استخدامی

محل خدمت	عنوان سمت	نوع استخدام	نوع همکاری	پایه
دانشکده مهندسی پلیمر	استاد	رسمی قطعی	تمام وقت	۲۲

### سوابق اجرایی

- مدیر فناوری اطلاعات و ارتباطات دانشگاه (۱۴۰۱-۱۴۰۲)

### موضوعات تدریس تخصصی

- مبانی رئولوژی
- رئولوژی پیشرفته
- ریاضیات مهندسی پیشرفته
- روش المانهای محدود
- برنامه نویسی

### مقالات در همایش ها

۱. P. Mohammadzadeh Pakdel, M. Salami Hosseini, R. Yegani\*, H. Didari, Simulating the Morphology Development of Polymer Blends in the Spinneret. *JChEC* ۲۰۱۴, ۲۰۱۴

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۱. Kalajahi, Mahdi Salami Hosseini, Mir Karim Razavi Aghjeh, و Esmail Sharifzadeh, Mehdi Salami Saeed Najafi, Roqaye Jannati, Zahra Hatef, Defining the characteristics of spherical Janus particles by investigating the behavior of their corresponding particles at the oil/water interface in a Pickering emulsion, *Journal of Dispersion Science and Technology*, 2017
۲. Amir Fadaei, Mohammad Hossein Navid Famili, Mahdi Salami Hosseini. Prediction of Bubble Size Distribution in a Batch Foaming System of Polystyrene-Supercritical CO<sub>2</sub>. *Iranian Journal of Polymer Science and Technology*, ۲۰۲۳
۳. Mahdi Salami Hosseini, Mohammad Ali Moeeni, Mirkarim Razavi Aghjeh, Mahdi Mostafaian. Droplet Deformation Between Two Moving Parallel Plates. *Amirkabir Journal of Mechanical Engineering*, ۲۰۲۰
۴. Mostafa Salehi, Mahdi Salami Hosseini, Mostafa Rezaei. Modeling of bubble growth behavior in the PS/CO<sub>2</sub> batch foaming system using finite element method. *Modares Mechanical Engineering*, ۲۰۱۶
۵. Seyyed , Mahdi Alavifar, Marzieh Golshan, Mahdi Salami Hosseini, Mehdi Salami , Kalajahi, Rhodamine B- and coumarin-modified chitosan as fluorescent probe for detection of Fe<sup>3+</sup> using quenching effect, *Cellulose*, 2024
۶. Seyyed , Mahdi Alavifar, Marzieh Golshan, Mahdi Salami Hosseini, Mehdi Salami , Kalajahi, Starch/rhodamine 6G conjugate as a non-cytotoxic, effective, and selective fluorescent chemosensor for detection of Fe<sup>3+</sup> ion, *Polymers from Renewable Resources*, 2024
۷. Seydeh , Arefeh Safavi , Mirmahalleh, Marzieh Golshan, Behnam Gheitarani, Mahdi Salami Hosseini, Mehdi Salami , Kalajahi, A review on applications of coumarin and its derivatives in preparation of photo-responsive polymers, *European Polymer Journal*, 2023
۸. Mahdi Madelatparvar, Mahdi Salami Hosseini, Chunwei Zhang, Polyurea micro-/nano-capsule applications in construction industry: A review, *Nanotechnology Reviews*, 2023
۹. Behnam Gheitarani, Marzieh Golshan, Seydeh , Arefeh Safavi , Mirmahalleh, Mehdi Salami , Kalajahi, Mahdi Salami Hosseini, Ali Akbar Alizadeh, Fluorescent polymeric sensors based on N-(rhodamine-G) lactam-N'-allyl-ethylenediamine and 7-(allyloxy)-2H-chromen-2-one for Fe<sup>3+</sup> ion detection, *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, 2023
۱۰. Marzieh Golshan, Behnam Gheitarani, Mehdi Salami , & Kalajahi, Mahdi Salami Hosseini, Synthesis and characterization of fluorescence poly (amidoamine) dendrimer-based pigments, *Scientific Reports*, 2022
۱۱. Behnam Gheitarani, Marzieh Golshan, Mahdi Salami Hosseini, Mehdi Salami , & Kalajahi, Reflectance and photophysical properties of rhodamine 6G/2-(4-methyl-2-oxo-2H-chromen-7-yloxy) acetic acid as cold hybrid colorant, *Scientific Reports*, 2022
۱۲. Samaneh Dehghani, Mahdi Salami Hosseini, Ehsan Behzadfar, Slip behavior of high-density polyethylene at small shear stresses in the presence of esterified polyethylene glycol, *Physics of Fluids*, 2021
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