



Sahar Foroughirad

Assistant Professor

College: Faculty of Polymer Engineering

Education			
Degree	Graduated in	Major	University
BSc	1393	مهندسی پلیمر - صنایع رنگ	صنعتی امیرکبیر تهران
MSc	1395	مهندسی پلیمر - صنایع رنگ	صنعتی امیرکبیر تهران
Ph.D	1399	مهندسی پلیمر - صنایع رنگ	صنعتی امیرکبیر تهران

Papers in Journals

- Zahra Ranjbar , Sahar Foroughirad , Behnaz Ranjbar.Enhancing 2D Nanomaterials via Surface Modifications.John Wiley & Sons, Inc.,۲۰۲۴ ۰۷ ۲۲.
- Sahar Foroughirad, Behnaz Ranjbar, Zahra Ranjbar,3D Graphene: A Nanocarbon Innovation in Electrochemical Sensor Technology,Springer Nature Singapore,2024 02 23.
- Behnaz Ranjbar, Sahar Foroughirad, Zahra Ranjbar,Thermal and Rheological Properties of Carbon Nanoparticle Dispersions,Springer International Publishing,2023 12 06.
- Sahar Foroughirad, Behnaz Ranjbar, Zahra Ranjbar,Color-Based Flexible and Wearable Sensors,CRC Press,2023 03 21.
- Amir Rezvani , Moghaddam , Sahar Foroughirad , Zahra Ranjbar,Foams for Electromagnetic Interference Shielding,American Chemical Society,2023 01 01.
- Zahra Ranjbar, Behnaz Ranjbar, Sahar Foroughirad,Biopolymers in automotive industry,Springer International Publishing,2022 05 24.
- Sahar Foroughirad et al.,Effect of porogenic solvent in synthesis of mesoporous and microporous molecularly imprinted polymer based on magnetic halloysite nanotubes,Materials Today Communications,2021 03 01.
- Sahar Foroughirad, Vahid Haddadi-Asl, Alireza Khosravi, Mehdi Salami-Kalajahi,Magnetic halloysite-based molecularly imprinted polymer for specific recognition of sunset yellow in dyes mixture,Polymers for Advanced Technologies,Vol. 32,2021 02 01.
- Sahar Foroughirad, Vahid Haddadi , Asl, Alireza Khosravi, Mehdi Salami , Kalajahi,Synthesis of magnetic nanoparticles-decorated halloysite nanotubes/poly([2-(acryloyloxy)ethyl]trimethylammonium chloride) hybrid nanoparticles for removal of Sunset Yellow from water,Journal of Polymer Research,Vol. 27,pp. 320,2020 10 1.
- Sahar Foroughirad , Naghmeh Arabzadeh , Ali Mohammadi , Alireza Khosravi,Synthesis and

characterization of novel water-compatible magnetic molecularly imprinted polymer for tartrazine, Journal of the Chinese Advanced Materials Society, 2018 10 02.