



# Amin Abdollahi

**Assistant Professor**

**IASBS, Department of Chemistry**

## Publications

### Journals

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- Abdollahi, Amin and Hanaei, Negar and Rahmanidoust, Mobin and Dashti, Ali, "Photoluminescent Janus oxazolidine nanoparticles for development of organic light-emitting diodes, anticounterfeiting, information encryption, and optical detection of scratch", *Journal of Colloid and Interface Science*, Vol. 630, 2023
- Alidaei-Sharif, Hossein and Roghani-Mamaqani, Hossein and Babazadeh-Mamaqani, Milad and Sahandi-Zangabad, Keyvan and Abdollahi, Amin and Salami-Kalajahi, Mehdi, "Photochromic polymer nanoparticles as highly efficient anticounterfeiting nanoinks for development of photo-switchable encoded tags", *Journal of Photochemistry and Photobiology A: Chemistry*, Vol. 436, 2023
- Gharieh, Ali and Abdollahi, Amin and Sohrabi, Laleh, "Acrylic-urethane/modified Rhodamine-B eco-friendly UV-curable anticounterfeiting ink", *Polymers for Advanced Technologies*, Vol. 630, 2022
- Abdollahi, Amin and Dashti, Ali and Rahmanidoust, Mobin and Hanaei, Negar, "Metal-Free and Ecofriendly Photoluminescent Nanoparticles for Visualization of Latent Fingerprints, Anticounterfeiting, and Information Encryption", *Sensors and Actuators B: Chemical*, Vol. 38, NO. 30, 2022



- Tajbakhsh, Seyed Farzan and Abdollahi, Amin, "Chemistry and Technology of Advanced Polymers: A Review on Preparation Methods, Properties and Advanced Applications of Natural Spider Silk Fibers", *Polymerization*, Vol. 38, NO. 30, 2022
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- Hosseini, Zeinab Sadat and Abdollahi, Amin and Dashti, Ali and Matin, Maryam M and Afkhami-Poostchi, Amin, "Synthesis of tertiary amine functionalized Multi-Stimuli-Responsive latex nanoparticles by semicontinuous emulsion Polymerization: Investigation of responsivities and antimicrobial activity", *Journal of Molecular Liquids*, Vol. 352, NO. 37, 2022
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- Nezhadghaffar-Borhani, Erfan and Abdollahi, Amin and Roghani-Mamaqani, Hossein and Salami-Kalajahi, Mehdi, "Photoswitchable surface wettability of ultrahydrophobic



nanofibrous coatings composed of spiropyran-acrylic copolymers", *Journal of Colloid and Interface Science*, Vol. 593, NO. 1, 2021

- Azimi, Reza and Abdollahi, Amin and Roghani-Mamaqani, Hossein and Salami-Kalajahi, Mehdi, "Dual-mode security anticounterfeiting and encoding by electrospinning of highly photoluminescent spiropyran nanofibers", *Journal of Materials Chemistry C*, Vol. 9, NO. 30, 2021
- Razavi, Bahareh and Abdollahi, Amin and Roghani-Mamaqani, Hossein and Salami-Kalajahi, Mehdi, "Light-and temperature-responsive micellar carriers prepared by spiropyran-initiated atom transfer polymerization: Investigation of photochromism kinetics, responsivities, and controlled release of doxorubicin", *Polymer*, Vol. 187, NO. 1, 2020
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