



## Mina Alizadeh-aghdam

Assistant Professor

College: Faculty of Polymer Engineering

### Employment Information

Faculty/Department	Position/Rank	Employment Type	Cooperation Type	Grade
(not set)	(not set)	Tenure Track	Full Time	9

### Papers in Journals

1. M. Alizadehaghdam, F. Abbasi, G. Reiter, Competing Influences of Cooling Rate and Diluent Concentration on Crystallization of Poly(3-hexylthiophene), *The journal of physical chemistry C*, 2024 03 04.
2. Zahra Khoubi, & Arani, M. Alizadehaghdam, F. Abbasi, Straightforward determination of equilibrium heat of fusion and interaction parameter for a Polymer-Diluent system, *Thermal Science and Engineering Progress*, 2023 09 01.
3. Zahra Khoubi, & Arani, M. Alizadehaghdam, Melting point depression approach: Effects of equation format on the estimated Flory-Huggins interaction parameter, *Thermochimica Acta*, 2023-02.
4. H. Ghaleh, M. Alizadehaghdam, F. Abbasi, Quality of protein fibers assembly impacts biofunctional characteristics of a tissue engineering scaffold, *Materials Today Communications*, 2022-11.
5. M. Alizadehaghdam, F. Abbasi, G. Reiter, Improving the order of crystalline regions of poly(3-hexylthiophene) by crystallization from the self-nucleation domains, *Thermochimica Acta*, 2022-11.
6. M. Alizadehaghdam, F. Abbasi, G. Reiter, Successive melting and crystallization of poly(3-hexylthiophene) in the melt-memory domain versus isotropic melt domain, *Journal of Materials Science*, 2021 10 13.
7. M. Alizadehaghdam, B. Heck, S. Siegenfuhr, Y. A. AlShetwi, F. M. Keheze, S. Stter, F. Abbasi, G. Reiter, Following isothermal and non-isothermal crystallization of poly(3-hexylthiophene) thin films by UV-vis spectroscopy, *Polymer*, 2020 12 01.
8. M. Alizadehaghdam, B. Heck, S. Siegenfuhr, F. Abbasi, G. Reiter, Thermodynamic Features of Perfectly Crystalline Poly (3-hexylthiophene) Revealed through Studies of Imperfect Crystals, *Macromolecules*, 2019 03 13.
9. M. Alizadehaghdam, S. Siegenfuhr, F. Abbasi, G. Reiter, Thermodynamic Features of Perfectly Crystalline Poly (3-hexylthiophene) Based on Flory's Relation, *Journal of Polymer Science Part B: Polymer Physics*, 2019 02 13.
10. H. Ghaleh, M. Alizadeh, F. Abbasi, A. B. Khoshfetrat, Mimicking the Quasi-Random Assembly of Protein Fibers in the Dermis by Freeze-drying Method, *Materials Science and Engineering: C*, 2015 04 01.

11. M. Alizadeh, F. Abbasi, A. B. Khoshfetrat, H. Ghaleh, Microstructure and Characteristic Properties of Gelatin/Chitosan Scaffold Prepared by a Combined Freeze-drying/Leaching Method, *Materials Science and Engineering: C*, 2013-10.
12. M. Alizadeh, F. Abbasi, M. Farahi, K. Jalili, Silicone-Based Hydrogels Prepared by IPN Formation: Swelling Properties and Confinements Effects on the Kinetics of IPN Formation, *Journal of Applied Polymer Science*, 2011 10 11.