Faculty Members Website
University of Tabriz

Saeid Zeinali Heris

Professor

Employment Information

Faculty/Department	Position/Rank	Employment Type	Cooperation Type	Grade
(not set)	(not set)	Tenured	Full Time	25

Papers in Conferences

1. S. Zeinali Heris ,Heat Transfer Enhancement using Two Phase Closed Thermosyphon TPCT ,2023 Silk Road Industry-Universities-Research and Applications Cooperation Conference-International Seminar on Security and Emergency Managment ,Xi'an ,2023/12/15.
2. S. Zeinali Heris ,Application of Nanoadditives in Intumescent Coating for Steel Structure ,2023 Symposium on Control of Underground Coal Fire and Post Mining Issues ,Urumchi ,2023/12/01.

Papers in Journals

1. Mohammadfam, Y. و Zeinali Heris, S.،Thermophysical characteristics and forced convective heat transfer of ternary doped magnetic nanofluids in a circular tube: An experimental study،Case Studies in Thermal Engineering،۱۴ ۱۲ ۱۰۳۷۴۸،۲۰۲۳ شماره صفحات.
2. Gholami, A. , Mousavi, S.B. , Heris, S.Z. , Mohammadpourfard, M.,Highly efficient treatment of petrochemical spent caustic effluent via electro-Fenton process for COD and TOC removal: optimization and experimental,Biomass Conversion and Biorefinery,Vol. 14,pp. 17481 - 17497,2024 8 10.
3. Ravandi, R. et al.,Effects of chitosan and TiO2 nanoparticles on the antibacterial property and ability to self-healing of cracks and retrieve mechanical characteristics of dental composites,Heliyon,pp. e27734,2024 3 30.
4. UV-shielding properties of a cost-effective hybrid PMMA-based thin film coatings using TiO2 and ZnO nanoparticles: a comprehensive evaluation,Scientific Reports,pp. 7116,2023 12 11.
5. Nazerifard, R. , Mohammadpourfard , M., Zeinali Heris, S.,Design, thermodynamic and economic evaluation, and optimization of gasoline production from refinery furnaces flue gas,Energy Conversion and Management,pp. 117492,2023 10 25.
6. The effect of heat transfer characteristics of macromolecule fouling on heat exchanger surface: A dynamic simulation study,Canadian Journal of Chemical Engineering,pp. 5802 - 5817,2023 10 17.