



Sousan Rasouli

Associate Professor

Faculty: Surface Coating and Novel Technologies
Faculty

Department: Department of Nano Materials and Nano
Coatings

Papers in Journals

1. Faegheh Alsadat Mortazavi Moghadam , Hossein Resalati , Sousan Rasouli , Ghasem AsadpourF.New method of producing nanominerals from office paper waste and investigating their microstructural properties.Biomass Conversion and Biorefinery.۲۰۲۲.
2. Sousan Rasouli.Application of statistical design of experiments for the optimization of floor tile glaze formulation.Journal of Graphic Engineering and Design.۲۰۱۷.
3. Faegheh sadat Mortazavi Moghadam ,& Sousan Rasouli,In Vivo Study and Cytotoxicity of Migrated Silver Nanoparticles (AgNPs) from Cellulose/LDPE/AgNP Nanocomposite in Highly Perishable Food (Fish Fillet) Packaging,ACS Food Science and Technology,2025.
4. Faegheh sadat Mortazavi Moghadam ,& Sousan Rasouli,Recycling kaolin from paper waste and assessment of its application for paper coating,Materials Today Communications,2024.
5. Azam Pirkarami, Sousan Rasouli, Ebrahim Ghasemi,CdS@NiCo-LDH hybrid photoelectrocatalyst with enhanced photocatalytic activity: A convenient and stable hybrid for wastewater treatment,Journal of Alloys and Compounds,2022.
6. Faegheh Alsadat Mortazavi Moghadam , Hossein Resalati , Sousan Rasouli , Ghasem Asadpour,Fabrication of high mechanical properties papers coated with CMC-based nanocomposites containing nanominerals synthesized from paper waste,Cellulose,2021.
7. Azam Pirkarami , Sousan Rasouli , Ebrahim Ghasemi,Enhancing water splitting via weakening H₂ and O₂ adsorption on NiCo-LDH@CdS due to interstitial nitrogen doping: A close look at the mechanism of electron transfer,Journal of Energy Chemistry,2020.
8. Azam Pirkaramia , Sousan Rasoulia , Ebrahim Ghasemib,CdS@NiCo-LDH Core-Shell Photoelectrocatalysts Used for Producing Oxygen from Water Splitting,Applied Catalysis B: Environmental,2019.
9. Sousan Rasouli,Suggesting A Full Two Level Experimental Factorial Model With Three Factors To Optimize Ti-HA Biocomposite Properties,Journal of Multidisciplinary Engineering Science and Technology,2018.
10. Sousan Rasouli , Amir-Masoud Arabi , Alireza Naeimi , Seyed-Masoud Hashemi3,Microwave-Assisted Combustion Synthesis of ZnO:Eu Nanoparticles: Effect of Fuel Types,Journal of Fluorcsens,2017.
11. Arin Marcous , Susan Rasouli , Fatemeh Ardestani,Low-density Polyethylene Films Loaded by Titanium Dioxide and Zinc Oxide Nanoparticles as a New Active Packaging System against Escherichia coli O157:H7 in Fresh Calf Minced Meat,PACKAGING TECHNOLOGY AND SCIENCE,2017.
12. Arin Marcous , Susan Rasouli , Fatemeh Ardestani,Inhibition of Staphylococcus aureus growth in

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13. Sh. Saketa , S. Rasoulib , A. M. Arabi , M.A. Faghihi Sani, A novel approach to the synthesis of a wide range of ink jet printer pigment from yellow to magenta for tiles via gold nanoparticles, *Journal of Ceramic Processing Research*, 2016.

14. Azam Pirkarami , Sousan Rasouli , Nasim Khoshlahjeh Motamed, Mechanism of Degradation of Acidic Dyes in Industrial Effluents by a Nano-photo Catalytic Process with a Study of Intermediate Compounds, *The Pharmaceutical and Chemical Journal*, 2016.

15. Sousan Rasouli , & Fatemeh Oshani, The Synergistic Effect of Anatase and Rutile Phases on the Photocatalytic Activity of Nano Crystal TiO₂ Thin Films, *Journal of Environmental Science, Computer Science and Engineering & Technology*, 2016.

16. Soudabeh Jamshidia , Sousan Rasoulib , Behzad Janipour , Bahman Mirhadi, Glucose as a low flame temperature fuel for synthesis of ZnO : Co nanopigments, *Journal of Ceramic Processing Research*, 2015.