Mozhgan Hosseinnezhad

Associate Professor

Faculty: Dyes and Pigments Faculty

Department: Department of Organic Colorants

Employment Information

Faculty/Department	Position/Rank	Employment Type	Cooperation Type	Grade
(not set)	(not set)	Tenured	Full Time	17

Papers in Conferences

1. IMPACT OF MORDANTS ON DYEING OF SILK WITH SUSTAINABLE NATURAL COLORANT EXTRACTED FROM CASSIA FISTULA BROWN PODS ,5th International Anatolian Scientific Research Congress ,2023.
2. M. Hosseinnezhad, K. Gharanjig ,Synthesis and application of an organic dye in nanostructure solar cells device ,20th International Conference on Nanotechnology Materials and Application ,9 2018, رم 17.
3. M. Hosseinnezhad, S. Moradian, K. Gharanjig ,The Synthesis and Application of an Organic Dye for Solar Cell ,The 22nd Iranian Seminar of Organic Chemistry ,19 8 2018, تبریز.
4. 2 ,& M. Hosseinnezhad, K. Gharanjig, S. Moradian ,Synthesis of an organic dye for dye-sensitized solar cells ,20th Iranian Chemistry Congress ,17 7 2018, مشهد.
5. M. Hosseinnezhad, K. Gharanjig ,Preparation of dye-sensitized solar cells based on new organic dye ,20th Iranian Chemistry Congress ,17 7 2018, مشهد.
6. M. Hosseinnezhad, K. Gharanjig ,Synthesis and investigation of an organic dyes for dye-sensitized solar cells ,The 25th Iranian Seminar of Organic Chemistry ,2 9 2017, تهران.
7. M. Hosseinnezhad, K. Gharanjig ,Investigation of green dye-sensitized solar cells based on natural dyes ,19th International Conference on Chemical and Food Engineering ,21 6 2017, وین.
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9. M. Hosseinnezhad, K. Gharanjig ,Fabrication and investigation of nanostructured dye-sensitized solar cells using ZnO and TiO2 nanoparticle ,International Biennial Conference on Ultrafine Grained and Nanostructured Materials ,12 11 2017, کیش.
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3. M. Anandan et al.,High triplet hexahydroacridine derivatives as ahost prevent exciton diffusion to adjacent layers in solution processed OLEDs,Organic Electronics,2025.
4. H. Bahman et al.,Stabilization and sustained release of rutin dye via eco-friendly Zn/Al-LDH adsorbent: kinetic, thermodynamic, and antioxidant investigation,Journal of Molecular Structure,Vol. 1319,pp. 139616,2025.
5. Investigation of the use of food waste in renewable energy production: extraction, fabrication and characterization of natural photosensitizers in DSSCs,Sustainable Energy Technologies and Assessments,Vol. 72,pp. 104066,2024.
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9. S. Nasiri et al.,What is TADF (thermally activated delayed fluorescence) compared to the mechanisms of FL (fluorescence), PH (phosphorescence), and TTA (triplet-triplet annihilation) based on a novel naphthalimde sulfonylphenyl derivative as a host?,Journal of Photochemistry and Photobiology, A: Chemistry,Vol. 447,pp. 115289,2024.
10. Environmentally dyeing of wool yarns using combination of Myrobalan and Walnut husk as bio-mordant,Prog. Color Colorants Coat.,pp. 197-205,2023.
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12. S. Barkaat et al.,Sustainable microwave-assissted extraction of santalin from red sandal wood powder (ptrecarpus santalinus) for bio-coloration of mordanted silk fabric,Separation,Vol. 10,pp. 118,2023.
13. M. Hosseinnezhad ,& Z. Ranjbar,A review on flexible dye-sensitized solar cells as new sustainable energy resources,Pigment and Resin Technology,2023.
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electrode,Optical Materials,2023.
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