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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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11. M. Hosseinnezhad, S. Moradian, K. Gharanjig ,The synthesis of an organic dyes based on thioindigo for dye-sensitized solar cells ,The Energy and Materials Conference ,25 2 2015, مادرید.
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sensitized solar cells based on indigo dyes in the presence of an anti-aggregation agent ,The Energy and Materials Conference ,25 2 2015, مادرید.
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Papers in Journals

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2. S. Shirahmad Haghighi , R. Jafari , M. Hosseinnezhad,Color gamut analysis of low-cost dye-sensitized solar cells using natural dyes,Coloration Technology,pp. 172,2025.
3. M. Rabiei et al.,Light-emitting electrochemical cells based on mechanochromic, thermally activated delayed fluorescence fish-shaped structures consisting of carbazole derivatives as emitters in the active layer,Organic Electronics,Vol. 141,pp. 107214,2025.
4. Formulation and characterization of BBR loaded niosomes using saponin as a nonionic biosurfactant investigating synergistic effects to enhance antibacterial activity,Scientific Reports,pp. 5231,2025.
5. Investigation of the combination of indoline and naphthalimide in the preparation of photosensitizers for photovoltaic devices,Journal of Electronic Materials,Vol. 54,pp. 473,2025.
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11. Introduction thioindigo as new high stability unit in Ru-complex for DSSCs: Theoretical and photovoltaic investigation,Optical Materials,Vol. 150,pp. 115273,2024.
12. S.A.R. Naqvia et al.,Modern ecofriendly approach for extraction of luteolin natural dye from weld for silk fabric and wool yarn dyeing,Sustainable Chemistry and Pharmacy,2024.
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