Ebrahim Ghasemi

Associate Professor

Faculty: Dyes and Pigments Faculty

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Employment Information

Faculty/Department	Position/Rank	Employment Type	Cooperation Type	Grade
(تنظیم نشده)	(تنظیم نشده)	Tenured	Full Time	21

Papers in Journals

1. Hamed Forootan, Kamaladin Gharanjig, Ebrahim Ghasemi, Majid Mazhar, Aylin Gharanjik & Shima Jahankaran،Investigation of Synthesis, Application and Fluorescent Properties of Novel Acid Dyes Based on Perylene on Polyamide Fabrics،Fibers and Polymers،۲۰۲۳ ۰۲ ۲۰.
2. 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,June 2021.
3. Leila Fereidooni , Azam Pirkarami , Ebrahim Ghasemi , Alibakhsh Kasaeian Show more,Using ZnAl–LDH@SiO2 as a catalyst for the electrocatalytic conversion of waste frying oil into biodiesel,Energy Conversion and Management,2023 11 15.
4. Hamed Forootan, Kamaladin Gharanjig, Ebrahim Ghasemi, Majid Mazhar, Aylin Gharanjik & Shima Jahankaran,Investigation of Synthesis, Application and Fluorescent Properties of Novel Acid Dyes Based on Perylene on Polyamide Fabrics,Fibers and Polymers,2023 02 20.
5. Amir Reza Sadrolhosseini , Ebrahim Ghasemi , Azam Pirkarimi , Seyedeh Mehri Hamidi , Reza Taheri Ghahrizjani e,Highly sensitive surface plasmon resonance sensor for detection of Methylene Blue and Methylene Orange dyes using NiCo-Layered Double Hydroxide",Optics Communications,2023 02 15.
6. 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 08 05.
7. 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,2021 08 05.
8. Hosseini, S., Ghasemi, E,Synthesis and characterization of hybrid MgAl-LDH@SiO2@CoAl2O4 pigment with high NIR reflectance for sustainable energy saving applications,Applied Clay Science,2020.
9. Mahsa Davoodi, Ebrahim Ghasemi, Bahram Ramezanzadeh, Mohammad Mahdavian,Designing a zinc-encapsulated Feldspar as a unique rock-forming tectosilicate nanocontainer in the epoxy coating;

improving the robust barrier and self-healing anti-corrosion properties,Construction and Building Materials,2020.
10. Majd Mahsa, Davoodi, Ebrahim Ghasemi, Bahram Ramezanzadeh, Mohammad Mahdavian,Construction of a smart active/barrier anti-corrosion system based on epoxy-ester/zinc intercalated kaolin nanocontainer for steel substrate,Construction and Building Materials,2020.
11. Olya, N., Ghasemi, E., Ramezanzadeh, B., Mahdavian, M,Synthesis, characterization and protective functioning of surface decorated Zn-Al layered double hydroxide with SiO2 nano-particles,Surface and Coatings Technology,2020.
12. Alibakhshi, E., Ghasemi, E., Mahdavian, M., Ramezanzadeh, B., Mana yasaei,The effect of interlayer spacing on the inhibitor release capability of layered double hydroxide based nanocontainers,Journal of Cleaner Production,2020.
13. Sadeghi ,& Niaraki, S., Ghasemi, B., Habibolahzadeh, A., Ghasemi, E., Ghahari, M.,Nanostructured Fe2O3@TiO2 pigments with improved NIR reflectance and photocatalytic ability,Materials Chemistry and Physics,2020.
14. Kasaeian, M., Ghasemi, E., Ramezanzadeh, B., Mahdavian, M,Graphene oxide as a potential nanocarrier for Zn(II) to fabricate a dual-functional active/passive protection; sorption/desorption characteristics and electrochemical evaluation,Journal of Industrial and Engineering Chemistry,2020.
15. S. Sadeghi ,& Niaraki, B. Ghasemi, A. Habibolahzadeh, E. Ghasemi, M. Ghaharid,Cool and photocatalytic reddish-brown nanostructured Fe2O3@SiO2@TiO2 pigments,Materials Science and Engineering: B,pp. Volume 262, December 2020, 114752,2020.
16. Behrooz Ghasemi, Ali Habibolahzadeh, Ebrahim Ghasemi, Mehdi Ghahari,Preparation of (Fe,Cr)2O3@TiO2 cool pigments for energy saving applications,Journal of Alloys and Compounds,2019.