



دانشيار

پژوهشکده: مواد رنگزا

گروه پژوهشی: رنگهای سرامیکی و لعاب



	سوابق تحصيلى			
دانشگاه	رشته و گرایش تحصیلی	سال اخذ مدرک	مقطع تحصيلي	
دانشگاه علم و صنعت	مهندسی مواد- سرامیک	Iμλk	كارشناسى	
پژوهشگاه مواد و انرژی	مهندسی مواد- سرامیک	IMAA	کارشناسی ارشد	
دانشگاه علم و صنعت	مهندسی مواد	ነሥለለ	دکتری	

اطلاعات استخدامي				
پایه	نوع همکاری	نوع استخدام	عنوان سمت	محل خدمت
וץ	تمام وقت	رسمى قطعى		پژوهشگاه رنگ

## فعالیت های علمی و اجرایی

از سال ۱۳۷۷ تا سال۱۳۹۳	مسئولیت های سازمانی وسوابق کاری
نولید) ۱۳۷۷- ۱۳۷۹	شرکت ساگار و قطعات نسوز مرند ( با سمت های مدیر کنترل کیفیت و مدیر ا
۱۳۸۱ -۱۳۸۰	شرکت صنایع سرامیک و نسوزگرگین به عنوان مدیر تحقیق وتوسعه (R&D)
ነሥለ <i>ነ-ነ</i> ሥለየ	مدیر تولید شرکت فراورده های نسوز کمال آباد
ነሥለሥ-ነሥለላ	مشاور فنی کارخانه آجر نسوز آسیا
۵۹۳۱-۸۸۳۱	مدیر گروه رنگدانه های معدنی و لعاب پژوهشگاه علوم و فناوری رنگ
۱۳۸۸-تاکنون	عضو هیئت مدیره انجمن سرامیک ایران
1md1-1mdk	مشاور فنی شرکت صنایع سرامیک و نسوز گرگین مرند
۱۳۹۵- ۱۳۹۲	رییس کمیته فنی ISIRI/TC ۲۵۶ رنگدانه ها، رنگزاها و مواد پرکننده
۱۳۹۵ تاکنون	معاون توسعه مدیریت و منابع پژوهشگاه علوم و فناوری رنگ

## کارگاہ ھا

۱- دبیر علمی کارگاه رنگ در صنایع سرامیک (آبان ۱۳۹۵)

۲- مدرس کارگاه رنگ در صنایع سرامیک(آبان ۱۳۹۵)

## عضویت در انجمن های علمی

۱- عضو پیوسته انجمن سرامیک ایران (۱۳۷۴ تاکنون)

۲- عضو هیات مدیره انجمن سرامیک ایران (۱۳۹۱-۱۳۹۵)

## مقالات در نشریات

- 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,۲۰۳۰ ۲۰
- S. Sadeghi و Photocatalytic reddish-brown nanostructured Fe۲O۳@SiO۲@TiO۲ pigments،Materials Science .and Engineering: B،۲۰۲۰
- Azam Pirkarami, Sousan Rasouli, Ebrahim Ghasemi،Enhancing water splitting via weakening שין. HY and OY adsorption on NiCo-LDH@CdS due to interstitial nitrogen doping: A close look at the mechanism of electron transfer،Journal of Energy Chemistry،۲۰۷۰
- Leila Fereidooni , Azam Pirkarami , Ebrahim Ghasemi , Alibakhsh Kasaeian Show more, Using .4 ZnAl-LDH@SiO2 as a catalyst for the electrocatalytic conversion of waste frying oil into .biodiesel, Energy Conversion and Management, 2023 11 15
- Amir Reza Sadrolhosseini , Ebrahim Ghasemi , Azam Pirkarimi , Seyedeh Mehri Hamidi , Reza .5 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
  - Azam Pirkarami , Sousan Rasouli , Ebrahim Ghasemi,CdS@ NiCo-LDH hybrid .6 photoelectrocatalyst with enhanced photocatalytic activity: A convenient and stable hybrid for .wastewater treatment,Journal of Alloys and Compounds,2022 08 05
- Azam Pirkarami , Sousan Rasouli , Ebrahim Ghasemi, Enhancing water splitting via weakening .7 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, 2021 05 01
- Hosseini, S., Ghasemi, E,Synthesis and characterization of hybrid MgAl-LDH@SiO2@CoAl2O4 .8 pigment with high NIR reflectance for sustainable energy saving applications,Applied Clay .Science,2020
- Mahsa Davoodi, Ebrahim Ghasemi, Bahram Ramezanzadeh, Mohammad Mahdavian, Designing .9 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
  - Majd Mahsa, Davoodi, Ebrahim Ghasemi, Bahram Ramezanzadeh, Mohammad .10 Mahdavian,Construction of a smart active/barrier anti-corrosion system based on epoxyester/zinc intercalated kaolin nanocontainer for steel substrate,Construction and Building .Materials,2020
  - Olya, N., Ghasemi, E., Ramezanzadeh, B., Mahdavian, M,Synthesis, characterization and .11 protective functioning of surface decorated Zn-Al layered double hydroxide with SiO2 nano-particles,Surface and Coatings Technology,2020

- Sadeghi ,& Niaraki, S., Ghasemi, B., Habibolahzadeh, A., Ghasemi, E., Ghahari, .12 M.,Nanostructured Fe2O3@TiO2 pigments with improved NIR reflectance and photocatalytic .ability,Materials Chemistry and Physics,2020
- Kasaeian, M., Ghasemi, E., Ramezanzadeh, B., Mahdavian, M,Graphene oxide as a potential .13 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
- S, Hosseini, E.Ghasemi, Synthesis and characterization of hybrid MgAl-LDH@SiO2@CoAl2O4 .14 pigment with high NIR reflectance for sustainable energy saving applications, Materials Science .and Engineering: B,2020
  - Alibakhshi, E., Ghasemi, E., Mahdavian, M., Ramezanzadeh, B., Mana yasaei, The effect of .15 interlayer spacing on the inhibitor release capability of layered double hydroxide based .nanocontainers, Journal of Cleaner Production, 2020
- Azam Pirkarami, Sousan Rasouli, Ebrahim Ghasemi,3-D CdS@NiCo layered double hydroxide .16 core-shell photoelectrocatalyst used for efficient overall water splitting,Applied Catalysis B:

  .Environmental,2019
  - Mojtab Kaasaeian, Ebrahim Ghasemi, Bahram. Ramezanzadeh, Mohammad .17 Mahdavian, Construction of a highly effective self-repair corrosion-resistant epoxy composite through impregnation of 1H-Benzimidazole corrosion inhibitor modified graphene oxide .nanosheets (GO-BIM), Corrosion Science, 2019
- Mana Yasaei, Mehrdad Khakbiz, Ebrahim Ghasemi, Ali Zamanian, Synthesis and .18 characterization of ZnAl-NO3 (-CO3) layered double hydroxide: A novel structure for intercalation .and release of simvastatin, Applied Surface Science, 2019
  - Shaghayegh Shabani, Rahim Naghizadeh, Farhad Golestanifard, Mohsen Fallah Vostakola, .19
    Ebrahim Ghasemi,Effect of TiO2 addition on microstructure and mechanical properties of alumina-based cores prepared by sol-gel method,International Journal of Applied Ceramic .Technology,2019
  - Mana Yasaei, Mehrdad Khakbiz, Ali Zamanian, Ebrahim Ghasemi,Synthesis and .20 characterization of Zn/Al-LDH@SiO2 nanohybrid: Intercalation and release behavior of vitamin .C,Materials Science and Engineering C,2019
- Somayeh Sadeghi ,& Niaraki, Behrooz Ghasemi, Ali Habibolahzadeh, Ebrahim Ghasemi, Mehdi .21 Ghahari.,Nanostructured Fe2O3@TiO2 pigments with improved NIR reflectance and .photocatalytic ability,Materials Chemistry and Physics,2019
  - Mojtab Kaasaeian, Ebrahim Ghasemi, Bahram. Ramezanzadeh, Mohammad .22 Mahdavian, 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, 2019
- Somayeh Sadeghi ,& Niaraki, Behrooz Ghasemi, Ali Habibolahzadeh, Ebrahim Ghasemi, Mehdi .23 Ghahari.,Preparation of (Fe,Cr)203@TiO2 cool pigments for energy saving applications,Journal .of Alloys and Compounds,2019
  - Mojtab Kaasaeian, Ebrahim Ghasemi, Bahram. Ramezanzadeh, Mohammad Mahdavian, A. 24 combined experimental and electronic-structure quantum mechanics approach for studying the kinetics and adsorption characteristics of zinc nitrate hexahydrate corrosion inhibitor on the .graphene oxide nanosheets, Applied Surface Science, 2018
- Eiman Alibakhshi ,Ebrahim Ghasemi, Mohammad. Mahdavian, Bahram .25 Ramezanzadeh,,Fabrication and characterization of layered double hydroxide/silane nanocomposite coatings for protection of mild steel,Journal of the Taiwan Institute of Chemical .Engineers,,2017
- Eiman Alibakhshi ,Ebrahim Ghasemi, Mohammad. Mahdavian, Bahram Ramezanzadeh,,Active .26 Corrosion Protection of Mg-Al-PO 4 3 -LDH Nanoparticle in Silane Primer Coated with Epoxy on

- .Mild Steel, Journal of the Taiwan Institute of Chemical Engineers, 2017
- Eiman Alibakhshi ,Ebrahim Ghasemi, Mohammad. Mahdavian, Bahrem Ramezanzadeh,A .27 Comparative Study on Corrosion Inhibitive Effect of Nitrate and Phosphate Intercalated Zn-Al-Layered Double Hydroxides (LDHs) Nanocontainers Incorporated into a Hybrid Silane Layer and .Their Effect on Cathodic Delamination of Epoxy Topcoat,Corrosion Science,2017
- Eiman Alibakhshi ,Ebrahim Ghasemi, Mohammad. Mahdavian, Bahram Ramezanzadeh, S. .28 Farashi,Fabrication and Characterization of PO4 3- Intercalated Zn-Al-Layered Double Hydroxide .Nanocontainer,Journal of The Electrochemical Society,2016
  - Askari, Fatemeh, Ebrahim Ghasemi, Bahram Ramezanzadeh, Mohammad .29 Mahdavian, Potassium Zinc Phosphate Pigment Coupled with Benzotriazole for Enhanced .Protection of Carbon Steel, Corrosion, 2016
  - Hosseini, S. Masoud, Leila Vafajoo, Ebrahim. Ghasemi, B. H. Salman, Experimental .30 investigation the effect of nanoparticle concentration on the rheological behavior of paraffinbased nickel ferrofluid, International Journal of Heat and Mass Transfer, 2016
    - Borhan, Shokoufeh, Saeed Hesaraki, Ali ,& Asghar Behnamghader, Ebrahim .31 Ghasemi,Rheological Evaluations and in Vitro Studies of Injectable Bioactive Glass-Polycaprolactone-Sodium Alginate Composites,Journal of Materials Science: Materials in .Medicine,2016
- Ali Asghar Javidparvar, Bahram. Ramezanzadeh, Ebrahim Ghasemi,Effect of Various Spinel .32 Ferrite Nanopigments Modified by Amino Propyl Trimethoxy Silane on the Corrosion Inhibition .Properties of the Epoxy Nanocomposites,NACE International Corrosion Conference Series,2016
- A.A.Javidparvar, B.Ramezanzadeh, E.Ghasemi,The Effect of Surface Morphology and .33 Treatment of Fe3O4 Nanoparticles on The Corrosion Resistance of Epoxy Coating,Journal of the .Taiwan Institute of Chemical Engineers,2016
- A.A.Javidparvar, B.Ramezanzadeh, E.Ghasemi,Effects of Surface Morphology and Treatment .34 of Iron Oxide Nanoparticles on The Mechanical Properties of an Epoxy Coating,Progress in .0rganic Coatings,2016
- Ebrahim Ghasemi, Bahram. Ramezanzadeh, S. SaketS. Ashhari, Electrochemical Investigation .35 of The Epoxy Nanocomposites Containing MnAl204 and CoAl204 Nanopigments Applied on The .Aluminum Alloy 1050, Journal of Coatings Technology and Research, 2016
- A. Ghazi, Ebrahim Ghasemi, Mohammad. Mahdavian, Bahram Ramezanzadeh, Mehran. .36 Rostami, The application of benzimidazole and zinc cations intercalated sodium montmorillonite .as smart ion exchange inhibiting pigments in the epoxy ester coating, Corrosion science, 2015
- Fatemeh Askari, Ebrahim Ghasemi, Bahram. Ramezanzadeh, Mohammad. Mahdavian,Effect .37 of KOH:ZnCl2 mole ratio on the phase formation ,morphological and inhibitive properties of .potassium ZinC phosphate (PZP) pigments,Journal of Alloys and Compounds,2015
- Fatemeh Askari, Ebrahim Ghasemi, Bahram. Ramezanzadeh, Mohammad Mahdavian, The .38 corrosion inhibitive properties of various kinds of potassium zinc phosphate pigments: Solution .phase and coating phase studies, Progress in Organic Coatings, 2015
  - Bahram. Ramezanzadeh, Ebrahim Ghasemi, Mohammad Mahdavian, Elham .39 Changizi,Covalently-grafted graphene oxide nanosheets to improve barrier and corrosion .protection properties of polyurethane coatings,Carbon,2015
  - Ebrahim. Ghasemi, Amir Masoud Arabi, Electrophortic deposition of kaolin: effects of .40 Al/(Al+Si) ratio, surface charge, mineral, structural and morphorgical properties, Journal of .Materials Science: Materials in Electronics, 2015
  - Fatemeh Askari Tourzani, Ebrahim Ghasemi, B. Ramezanzadeh, Mohammad .41 Mahdavian,Effects of KOH:ZnCl2 Mole Ratio on The Phase Formation, Morphological and Inhibitive Properties of Potassium Zinc Phosphate (PZP) Pigments,Journal of Alloys and .Compounds,2015
- Sokoufeh Borhan, Saeed Hesaraki, A.A. Behanamghader, Ebrahim Ghasemi, Injectable Bone .42

- Paste Biocomposite Based on Melt-Derived Bioactive Glass and Sodium Alginate Natural .Polymer, Journal of the Australian Ceramic Society, 2015
- Fatemeh Askari Tourzani, Ebrahim Ghasemi, Bahram. Ramezanzadeh, Mohammad .43 Mahdavian, The Corrosion Inhibitive Properties of Various Kinds of Potassium Zinc Phosphate .Pigments: Solution Phase and Coating Phase Studies, Progress in Organic Coatings, 2015
- Ebrahim Ghasemi, Amir Masoud Arabi, Electrophoretic Deposition of Kaolin: Effects of Al/ .44 (Al+Si) Ratio, Surface Charge, Mineral, Structural and Morphological Properties, Journal of .Materials Science Materials in Electronics, 2015
- Bahram Ramezanzadeh, Ebrahim Ghasemi, Fatemeh Askari, .45 Mohammad.Mahdavian,Synthesis and Characterization of a New Generation of Inhibitive Pigment Based on Zinc Acetate/ Benzotriazole: Solution Phase and Coatng Phase Studies,Dyes .and Pigments,2015
- B. Ramezanzadeh, Ebrahim Ghasemi, Mohammad Mahdavian, Elham .46 Changizi,Characterization of Covalently-Grafted Polyisocyanate Chains onto Graphene Oxide for Polyurethane Composites with Improved Mechanical Properties,Chemical Engineering .Journal,2015
- A. Ghazi, Ebrahim Ghasemi, Mohammad. Mahdavian, Bahram Ramezanzadeh, Mehran. .47 Rostami,The Application of Benzimidazole and Zinc Cations Intercalated Sodium Montmorillonite .as Smart Ion Exchange Inihbiting Pigments in The Epoxy Ester,Corrosion Science,2015
  - Eiman Alibakhshi ,Ebrahim Ghasemi, Mohammad. Mahdavian,The influence of surface .48 modification of lithium Zinc phosphate pigment on corrosion inhabition of mild steel ana .adhesion strength of epoxy coating,Journal of Sol-Gel Science and Technology,2014
- F.Askari, E.Ghasemi, B.Ramezanzadeh, M.Mahdavian, Mechanistic approach for evaluation of .49 corrosion inhabition of potassium Zinc phosphate pigment on the steel surface: Application of .surface analysis and electrochemical techniques, Deys and Pigments, 2014
  - Eiman Alibakhshi ,Ebrahim Ghasemi, Mohammad. Mahdavian,Sodium Zinc phosphate as a .50 .corrosion inhabition pigment,Progress in organic coatings,2014
- Eiman Alibakhshi ,Ebrahim Ghasemi, Mohammad. Mahdavian,Corrosion inhibition by lithium .51 .zinc phosphate pigment,Corrosion Science,2013
  - E.Alibakhshi, E.Ghasemi, M.Mahdavian, Optimization of potassium Zinc phosphate .52 .anticorrosion pigment by Taguchi experimental design, Progree in organic coating, 2013
- Leyla Sharifi, Maryam Beyhaghi, Touradj Ebadzadeh, Ebrahim Ghasemi, Microwave-assisted .53 sol-gel synthesis of alpha alumina nanopowder and study of the rheological behavior, Ceramics .International, 2013
- Masoud Hosseini, Ebrahim Ghasemi, Alireza Fazlali, Dale Henneke, The effect of nanoparticle .54 concentration on the rheological properties of paraffin based Co3O4 ferrofluids, Journal of .Nanoparticle Research, 2012
- S. Jebelli Moeen M. R. Vaezi A. A. Yousefi E. Ghasemi, Synthesis and Rheological Properties .55 of Nickel- Zinc Ferrite Polymer Nanocomposites, Journal of applied polymer science, 2011
  - Ebrahim Ghasemi, Alireza Mirhabibi, M Edrissi, Magnetoviscous Effect in a Maghemite .56
    .Ferrofluid, Journal of Nanoscience and Nanotechnology, 2011
- M. Edrissi, E. Ghasemi, Synthesis of lithopone Nanoparticles via Microemulsion Method Using .57

  Designed Experiments, Synthesis and Reactivity in Inorganic, Metal-Organic, and Nano-Metal

  .Chemistry, 2010
  - Masoud Hosseini, Alireza Fazlali, Ebrahim Ghasemi, Hassan Moghaddam,Rheological, .58 .properties of a □-Fe2O3 paraffin-based ferrofluid,J. Magn. Magn. Materials,2010
  - Ghasemi E, Mirhabibi A, Edrissi M, Aghababazadeh R, Brydson RM., Study on the .59
- .Magnetorheological Properties of Maghemite-Kerosene Ferrofluid, J Nanosci Nanotechnol, 2009 Ebrahim Ghasemi, Alireza Mirhabibi, Mohammad Edrissi, Synthesis and rheological properties .60 .of an iron oxide ferrofluid, Journal of Magnetism and Magnetic Materials, 2008

Touradj. Ebadzadeh, Ebrahim. Ghasemi,Effect of TiO2 addition on stability of t-zro2 in .61 .mullite-ZrO2 composites prepared from various starting materials,Ceramics International,2002 Touradj. Ebadzadeh, Ebrahim. Ghasemi,Influence of starting materials on the reaction .62 sintering of mullite-ZrO2 composites,Journal of Materials Science & Scie