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https://www.researchgate.net/profile/Ehsan_Nazarzadeh_Zare

https://www.linkedin.com/feed/

EDUCATION

2015- 2016	**Post. Doctoral in Polymer composites**, School of Chemistry, U of Mazandaran, Babolsar, Iran
2011 -2015	**Ph.D. in Polymer Chemistry**, School of Chemistry, University of Mazandaran, Babolsar, Iran
2007-2009	**M.Sc. in Organic-Polymer Chemistry**, School of Science, , Urmia University, Urmia, Iran
2002-2006	**B.Sc. in Pure Chemistry**, Chemistry Department, College of Science, Lorestan University, Khoramabad, Iran

PEER REVIEW EDITORIAL AND SCIENTIFIC BOARD RESPONSIBILITIES

Dec 2021-Present	**Assistant Editor of Journal of Nanostructure in Chemistry (Springer, IF:8.00)**
August 2021-Present	**Associate Editor in Frontiers in Materials IF:3.98**
Oct 2020-Present	**Associate Editor in Frontiers Environmental Chemistry**
May 2021-Present	**Editorial board member of Inorganic Chemistry Communications (Elsevier, IF:3.42)**
July 2021-Present	**Editorial board member of Journal of Ionic Liquids (Elsevier)**
Dec 2020-Present	**Guest Editor a Special Issue in the International Journal of Molecular Sciences IF: 6.00**
May 2020- Present	**Guest Editor a Special Issue in the Journal of Nanomaterials IF: 2.98**
Jan 2020- Present	**Lead Guest Editor a Special Issue in the International Journal of Polymer Science IF:2.64**
Feb 2019- Aug 2019	**Lead Guest Editor a Special Issue in the Advances in Polymer Technology IF: 2.38**

Honors and Awards

2020-2021	**Top 2% scientists in the world in 2020, 2021 and 2022.**
2016	**Distinguished researchers at Mazandaran province in 2016.**
2020	**Distinguished researchers at Damghan University in 2019, 2020, and 2021.**
2020	**Scientific elite by Iran Science Elites Federation in 2020.**
2017	**Winner Shahid Tehrani Moghadam award by Iran's National Elites Foundation in 2017.**
2017	**Winner Shahid Chamran award by Iran's National Elites Foundation in 2017.**

BOOK & BOOK CHAPTER

Advanced Methods for Synthesis of Polymer, Authors: Moslem Mansour Lakouraj, Ehsan Nazarzadeh Zare, **University of Mazandaran Press**, 2016.

Ehsan Nazarzadeh Zare, Pooyan Makvandi*. **Chapter 10: Metal-based microbicidal surface agents**, Editor: Sabu Thomas, book title "Engineered Antimicrobial Surfaces". **Springer Nature**,

Matineh Ghomi, Ehsan Nazarzadeh Zare, Rajender S Varma, **Chapter 3. Preparation of Conducting Polymers/Composites,** book title: "Conductive Polymers in Analytical Chemistry", **American chemical society (ACS)**, 2022.

Matineh Ghomi, Ehsan Nazarzadeh Zare, Rajender S Varma, **Chapter 2. Properties of conducting polymers,** book title: "Conductive Polymers in Analytical Chemistry", **American chemical society (ACS)**, 2022.

Zari Fallah, Ehsan Nazarzadeh Zare, Mahmood Tajbakhsh, Vinod VT Padil, **Chapter15: Cellulose composites as nanobiosorbents for ecological remediation**, book title: "Nano-biosorbents for decontamination of water, air, and soil pollution, Book chapter (Elsevier), 2022.

Vinod V.T.Padil, Ehsan Nazarzadeh Zare, Pooyan Makvandi, Miroslav Černíka, **Nanoparticles and nanofibres based on tree gums: Biosynthesis and applications**, Book chapter (**Elsevier**), 2021.

Golnaz Heidari, Zari Fallah, Ehsan Nazarzadeh Zare, **Chapter 19:One-Dimensional Polymeric Nanocomposites for Heavy Metal Detection,** book title: "One-Dimensional Polymeric Nanocomposites: Synthesis to Emerging Applications, Book chapter (CRC Press), 2023.

Matineh Ghomi, Mahtab Yadolahi, Farnaz Dabbagh Moghaddam, Ehsan Nazarzadeh Zare, **Chapter 17:Polymers for Smart Sensors,** book title: "Specialty Polymers, (CRC Press), 2023.

Fatemeh Salimi, Ehsan Nazarzadeh Zare, **Chapter3: Current scenario on the microbial world and associated diseases**, book title: "Antiviral and antimicrobial smart coatings, (**Elsevier** Press), 2023.

Fatemeh Salimi, Ehsan Nazarzadeh Zare, **Chapter6: Industrial backgrounds and microbes growth**, book title: "Antiviral and antimicrobial smart coatings, (**Elsevier** Press), 2023.

The most widely used industrial Polymers, Author: Ehsan Nazarzadeh Zare, **Noavaran Sharif Press**, 2019.

Synthesis and Characterization of Polymers: A laboratory Manual, Stanley R. Sandler (1998). Translated by Ehsan Nazarzadeh Zare, **Noavaran Sharif Press**, 2018.

Principles of Polymer Design and Synthesis, Wei-Fang Su (2015). Translated by Ehsan Nazarzadeh Zare, Peyman Najafi Moghadm, Damghan University Press, 2022.

Ehsan Nazarzadeh Zare and Pooyan Makvandi, **Stimuli-Responsive Materials for Biomedical Applications, American chemical society (ACS) press,** 2023.

Ehsan Nazarzadeh Zare and Pooyan Makvandi, **Electrically Conducting Polymers and their Composites for Tissue Engineering, American chemical society (ACS) press,** 2023.

Ehsan Nazarzadeh Zare and Pooyan Makvandi, **Carrier-mediated Gene and Drug Delivery for Dermal Wound Healing, Royal society chemistry (RSC) press,** 2023.

RESEARCH and REVIEW PARERS

Masood Mehrabian, Omid Akhavan, Navid Rabiee, Elham Norouzi Afshar, Ehsan Nazarzadeh Zare, Lead-free MAGeI3 as a suitable alternative for MAPbI3 in nanostructured perovskite solar cells: a simulation study, ***Environmental Science and Pollution Research,*** 2023, 1-9.

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Matineh Ghomi, Ehsan Nazarzadeh Zare, Hadis Alidadi, Nahid Pourreza, Azarmidokht Sheini, Navid Rabiee, Virgilio Mattoli, Xianfeng Chen, Pooyan Makvandi, ***Advanced Composites and Hybrid Materials***, 2023, 6, 1-10.

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Farnaz Dabbagh Moghaddam, Golnaz Heidari, Ehsan Nazarzadeh Zare, Essossimna Djatoubai, Ana Cláudia Paiva-Santos, Francesca Romana Bertani, Aimin Wu, Carbohydrate polymer-based nanocomposites for breast cancer treatment, ***Carbohydrate Polymers***, 2023, 304, 120510.

Fatemeh Ghorbanipour, Shefa Mirani Nezhad, Seied Ali Pourmousavi, Ehsan Nazarzadeh Zare, Golnaz Heidari, Superparamagnetic polymer nanocomposite as a catalyst for the synthesis of pyrano [3, 2-c] chromene, pyrano [2,3-c] pyrazole, and benzylpyrazolyl coumarin, ***Inorganic Chemistry Communications,*** 2023, 110271.

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Mahla Peyvandtalab, Ehsan Nazarzadeh Zare, Morteza Jabbari, Golnaz Heidari, Carboxymethyl dextrin-grafted-poly (aniline-co-m-phenylenediamine)@ Fe3O4/CuO bionanocomposite: Physico-chemical characteristics and antioxidant, antibacterial, ***European Polymer Journal***, 2023, 111862.

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Minmin Shao, Ashkan Bigham, Satar Yousefiasl, Cynthia KY Yiu, Yarabahally R Girish, Matineh Ghomi, Esmaeel Sharifi, Serap Sezen, A Zarrabi, N Rabiee, AC Paiva-Santos, S Del Turco, B Guo, X Wang, V Mattoli, A Wu, Recapitulating Antioxidant and Antibacterial Compounds into a Package for Tissue Regeneration: Dual Function Materials with Synergistic Effect. ***Small***, 2023, e2207057-e2207057.

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Maryam Jouyandeh, S Mohammad Sajadi, Farzad Seidi, Sajjad Habibzadeh, Muhammad Tajammal Munir, Otman Abida, Sepideh Ahmadi, Daria Kowalkowska-Zedler, Navid Rabiee, Mohammad Rabiee, Golnaz Heidari, Mahnaz Hassanpour, Ehsan Nazarzadeh Zare, Mohammad Reza Saeb, Metal nanoparticles-assisted early diagnosis of diseases, ***OpenNano***, 8, 2022, 100104.

Marzieh Aliya, Ehsan Nazarzadeh Zare, Hassan Faridnouri, Matineh Ghomi, Pooyan Makvandi, Sulfonated Starch-Graft-Polyaniline@ Graphene Electrically Conductive Nanocomposite: Application for Tyrosinase Immobilization, ***Biosensors***, 12(11), 2022, 939.

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Milad Ashrafizadeh, Masoud Delfi, Ali Zarrabi, Ashkan Bigham, Esmaeel Sharifi, Navid Rabiee, Ana Cláudia Paiva-Santos, Alan Prem Kumar, Shing Cheng Tan, Kiavash Hushmandi, Jun Ren, Ehsan Nazarzadeh Zare, Pooyan Makvandi, Stimuli-responsive liposomal nanoformulations in cancer therapy: Pre-clinical & clinical approaches. **Journal of Controlled Release,** 2022

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Sidra Iftekhar, Golnaz Heidar, Neda Amanat, Ehsan Nazarzadeh Zare, Muhammad Bilal Asif, Mahnaz Hassanpour, Vesa Pekka Lehto, Mika Sillanpaa, Porous materials for the recovery of rare earth elements, platinum group metals and other valuable metals: A review, ***Environmental Chemistry Letters,*** 2022.

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Shefa Mirani Nezhad, Seied Ali Pourmousavi, Ehsan Nazarzadeh Zare, Golnaz Heidari, Pooyan Makvandi, Magnetic Sulfonated Melamine-Formaldehyde Resin as an Efficient Catalyst for the Synthesis of Antioxidant and Antimicrobial Pyrazolone Derivatives, ***Catalysts,*** 2022, 12(6) 626.

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Aref Shariati, Zahra Chegini, Ehsanollah Ghaznavi-Rad, Ehsan Nazarzadeh Zare, Seyed Mostafa Hosseini, PLGA-Based Nanoplatforms in Drug Delivery for Inhibition and Destruction of Microbial Biofilm, ***Frontiers in Cellular and Infection Microbiology***, 2022, 12, 926363

Milad Ashrafizadeh, Ehsan Nazarzadeh Zare, Filippo Rossi, Navid Rabiee, Esmaeel Sharifi, Pooyan Makvandi, Photoactive polymers-decorated Cu-Al layered double hydroxide hexagonal architectures: A potential non-viral vector for photothermal therapy and co-delivery of DOX/pCRISPR, ***Chemical Engineering Journal,*** 2022, 448, 137747

Joana Lopes, Daniela Lopes, Miguel Pereira‐Silva, Diana Peixoto, Francisco Veiga, Michael R Hamblin, João Conde, Claudia Corbo, Ehsan Nazarzadeh Zare, Milad Ashrafizadeh, Franklin R Tay, Chengshui Chen, Ryan F Donnelly, Xiangdong Wang, Pooyan Makvandi, Ana Cláudia Paiva‐Santos, Macrophage Cell Membrane‐Cloaked Nanoplatforms for Biomedical Applications, ***Small Methods,*** 2022***.***

Hilal Daglar, Cigdem Altintas, Ilknur Erucar, Golnaz Heidari, Ehsan Nazarzadeh Zare, Omid Moradi, Varsha Srivastava, Sidra Iftekhar, Seda Keskin, Mika Sillanpää, Metal-organic framework-based materials for the abatement of air pollution and decontamination of wastewater, ***Chemosphere***, 2022.

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EN Zare, P Makvandi, S Ersoy, Micro and Nano Sensors from Additive Manufacturing, ***Journal of Nanomaterials,*** 2022.

S Mirani Nezhad, SA Pourmousavi, EN Zare, Poly(styrene-co-maleic anhydride) modified with nickel sulfate and its application in the synthesis of 2-amino-4H-chromenes, ***Journal of Applied Chemistry*** 17 (62), 115-138, 2022.

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S Mirani Nezhad, E Nazarzadeh Zare, A Davarpanah, SA Pourmousavi, Ionic Liquid-Assisted Fabrication of Bioactive Heterogeneous Magnetic Nanocatalyst with Antioxidant and Antibacterial Activities for the Synthesis of Polyhydroquinoline Derivatives, ***Molecules*** 27 (5), 1748, 2022.

S Tabari, AR Pourali, EN Zare, Magnetic Nanoparticles Linked to Pyridinium Hydrotribromide Groups as Catalysts for Selective Oxidation of Alcohols and Protection of Alcohols, ***Acta Chimica Slovenica***, 2022

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Fereshte Hassanzadeh-Afruzi, Ali Maleki, Ehsan Nazarzadeh Zare, Efficient remediation of chlorpyrifos pesticide from contaminated water by superparamagnetic adsorbent based on Arabic gum-grafted-polyamidoxime, ***International Journal of Biological Macromolecules***, 203, 445-456, 2022.

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Ashkan Bigham, Vahid Rahimkhoei, Payam Abasian, Masoud Delfi, Jamal Naderi, Matineh Ghomi, Farnaz Dabbagh Moghaddam, Tayyab Waqar, Yavuz Nuri Ertas, Sina Sharifi, Navid Rabiee, Sezgin Ersoy, Aziz Maleki, Ehsan Nazarzadeh Zare, Esmaeel Sharifi, Esmaiel Jabbari, Pooyan Makvandi, Ali Akbari, Advances in tannic acid-incorporated biomaterials: Infection treatment, regenerative medicine, cancer therapy, and biosensing, ***Chemical Engineering Journal***, 432, 134146, 2022.

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