

CURRICULUM VITAE

BIOGRAPHICAL

Name	Hossein
Surname	Khojasteh
Date of Birth	1989
Place of Birth	Naghadah
Marital Status	Married
Contact No.	+98-9142004555, +964-7507903657
Email	hossein.khojasteh@soran.edu.iq & hn.khojasteh@gmail.com
Current Employment Status	Research Associates in Soran University, Kurdistan Region, Iraq
Academic Degree	Assistant professor-PhD
Languages/ Communication	Fluent in English, Kurdish and Persian



EDUCATION

<i>Educational Degree</i>	<i>Field of Study</i>	<i>Educational Center/ Year</i>
PhD	Nano Chemistry	Institute of Nano Science and Nano Technology, University of Kashan, Iran, 2018
Msc.	Nano Chemistry	University of Isfahan, Iran, 2014
Bsc.	Applied Chemistry	Payame Noor University, Iran, 2012

EXECUTIVE ACTIVITIES

	<i>Position Title</i>	<i>Duration</i>	<i>Date</i>
1.	Chemistry Lab technician, Payame Noor University	1 Year(s)	2011-2012
2.	Researcher and development in Dena company	1	2016-2017

PUBLICATIONS:

A: Journals

	<i>AUTHORS</i>	<i>NAME OF JOURNAL</i>	<i>PAPER TITLE</i>	<i>DATE</i>
1.	Awat Ali Pouramjad, Hossein Khojasteh , Omid Amiri, Asma Khoobi, Masoud Salavati-Niasari	Arabian Journal of Chemistry Elsevier (ISI)	Preparation of magnetic Co ₃ O ₄ /TiO ₂ nanocomposite as solid-phase microextraction fiber coupled with chromatography for detection of aromatic compounds in environmental samples	2021
2.	Hamed Safajou, Mojgan Ghanbari, Omid Amiri, Hossein Khojasteh , Farzad Namvar, Sahar Zinatloo-Ajabshir, Masoud Salavati-Niasari	International Journal of Hydrogen Energy Elsevier (ISI)	Green synthesis and characterization of RGO/Cu nanocomposites as photocatalytic degradation of organic pollutants in waste-water	2021
3.	Ali Abbasi, Hossein Khojasteh , Amir Homayoun Keihan, Kourosh Adib, Ali Sobhani-Nasab, Mehdi Rahimi-Nasrabadi	Journal of Materials Science: Materials in Electronics Springer (ISI)	Co-precipitation synthesis of Ag-doped NiCr ₂ O ₄ nanoparticles: investigation of structural, optical, magnetic, and photocatalytic properties	2021
4.	Yasin Orooji, Hossein Khojasteh , Omid Amiri, Mahnaz Amiri, Shilan Hasanifard, Salah Khanahmadzadeh, Masoud Salavati-Niasari	Journal of Alloys and Compounds Elsevier (ISI)	A combination of hydrothermal, intercalation and electrochemical methods for the preparation of high-quality graphene: Characterization and using to prepare	2020

5.	Habib Katouli, Hossein Khojasteh , Mazyar Ahmadi Golsefid, Ali Abbasi, Farhad Ahmadi, Mehdi Rahimi-Nasrabadi	Journal of Materials Science: Materials in Electronics Springer (ISI)	graphene-polyurethane nanocomposite Grafting of Ag nanoparticles on SrCrO ₄ nanostructures: green synthesis, characterization, and photocatalytic study for organic dye degradation	2020
6.	Ali Abbasi, Amir Homayoun Keihan, Mazyar Ahmadi Golsefid, Mehdi Rahimi-Nasrabadi, Hossein Khojasteh	Journal of Nanostructures ISI listed	Synthesis, characterization and photocatalytic activity of FeCr ₂ O ₄ and FeCr ₂ O ₄ /Ag nanocomposites	2020
7.	Mohammad Ali Ebrahimzadeh, Ali Naghizadeh, Sarvin Mohammadi-Aghdam, Hossein Khojasteh , Seyedeh Masoumeh Ghoreishi, Sobhan Mortazavi-Derazkola	Journal of Photochemistry and Photobiology B: Biology Elsevier (ISI)	Enhanced catalytic and antibacterial efficiency of biosynthesized Convolvulus fruticosus extract capped gold nanoparticles (CFE@ AuNPs)	2020
8.	Loke Kok Foong, Hossein Khojasteh , Mahnaz Amiri, Kamran Heydaryan, Masoud Salavati-Niasari, Mohammad Almasi-Kashi, Zongjie Lyu	Journal of Alloys and Compounds Elsevier (ISI)	Environmental friendly approach for facile synthesis of graphene-like nanosheets for photocatalytic activity	2020
9.	Hossein Safardoust-Hojaghan, Omid Amiri, Masoud Salavati-Niasari, Mohammad Hassanpour, Hossein Khojasteh , Loke Kok Foong	Journal of Molecular Liquids Elsevier (ISI)	Performance improvement of dye sensitized solar cells based on cadmium sulfide/S, N co doped carbon dots nanocomposites	2020
10.	Hossein Khojasteh , Mahnaz Amiri, Ataollah Sohrabi, Salah Khanahmadzadeh, Masoud Salavati-Niasari, Hossein Moayed	Journal of Materials Research and Technology Elsevier (ISI)	Synthesis of magnetically reusable Fe ₃ O ₄ /TiO ₂ -N, P co-doped graphene quantum dot nanocomposites using hexachlorocyclophosphazene; high photoluminance property and photocatalytic promoter	2020
11.	Hossein Khojasteh , Hamed Safajou, Sobhan Mortazavi-Derazkola, Masoud Salavati-Niasari, Kamran Heydaryan, Morteza Yazdani	Journal of Cleaner Production Elsevier (ISI)	Economic procedure for facile and eco-friendly reduction of graphene oxide by plant extracts; a comparison and property investigation	2019
12.	Hossein Khojasteh , Masoud Salavati-Niasari, Fatemeh Sadat Sangsefid	Journal of Alloys and Compounds Elsevier (ISI)	Photocatalytic evaluation of RGO/TiO ₂ NWs/Pd-Ag nanocomposite as an improved catalyst for efficient dye degradation	2018
13.	Ali Abbasi, Hossein Khojasteh , Masood Hamadanian, Masoud Salavati-Niasari	Separation and Purification Technology Elsevier (ISI)	Normal spinel CdCr ₂ O ₄ and CdCr ₂ O ₄ /Ag nanocomposite as novel photocatalysts, for degradation of water contaminates	2018
14.	Salah Khanahmadzadeh* ; Hossein Khojasteh ; Negar Mikaeili ; Sahel Hasanpour	Journal of Materials Science Materials in Electronics Springer (ISI)	Facile Synthesis of CaMn ₂ O ₄ Nanoparticles and Investigation of Photocatalytic Activity, Optical and Magnetic Properties and its influence on the thermal stability of polymeric nanocomposite	2017
15.	Sobhan Mortazavi-Derazkola, Masoud Salavati-Niasari, Hossein Khojasteh , Omid Amiri, Seyedeh Masoumeh Ghoreishi	Journal of Cleaner Production Elsevier (ISI)		2017
16.	Hossein Khojasteh , Masoud Salavati-Niasari, Hamed Safajou, Hossein Safardoust-Hojaghan	Diamond and Related Materials Elsevier (ISI)	Facile reduction of graphene using urea in solid phase and surface modification by N-doped graphene quantum dots for adsorption of organic dyes	2017
17.	Sobhan Mortazavi-Derazkola, Masoud Salavati-Niasari, Mohammad-Peyman Mazhari, Hossein Khojasteh , Masood Hamadanian, Samira Bagheri	Journal of Materials Science: Materials in Electronics Springer - (ISI)	Magnetically separable Fe ₃ O ₄ @ SiO ₂ @ TiO ₂ nanostructures supported by neodymium (III): fabrication and enhanced photocatalytic activity for degradation of organic pollution	2017
18.	Hamed Safajou, Hossein Khojasteh , Masoud Salavati-Niasari, Sobhan Mortazavi-Derazkola	Journal of colloid and interface science Elsevier (ISI)	Enhanced photocatalytic degradation of dyes over graphene/Pd/TiO ₂ nanocomposites: TiO ₂ nanowires versus TiO ₂ nanoparticles	2017
19.	Farshad Beshkar, Hossein Khojasteh ,	Journal of colloid and	Recyclable magnetic superhydrophobic straw	2017

	Masoud Salavati-Niasari	interface science Elsevier (ISI)	soot sponge for highly efficient oil/water separation	
20.	Farshad Beshkar, Hossein Khojasteh , Masoud Salavati-Niasari	Materials MDPI (ISI)	Flower-like CuO/ZnO hybrid hierarchical nanostructures grown on copper substrate: glycothermal synthesis, characterization, hydrophobic and anticorrosion properties	2017
21.	Hossein Khojasteh* , Valiollah Mirkhani, Majid Moghadam, Shahram Tangestaninejad, Iraj Mohammadpoor-Baltork	Journal of the Iranian Chemical Society Springer Berlin Heidelberg (ISI)	Suzuki–Miyaura cross-coupling reaction by palladium immobilized on functionalized magnetic nanoparticles with NNN and NNS Schiff base ligands in a mild reaction condition	2017
22.	Fatemeh Sadat Sangsefidi, Masoud Salavati-Niasari, Hossein Khojasteh , Mehdi Shabani-Nooshabadi	International Journal of Hydrogen Energy Pergamon-Elsevier (ISI)	Synthesis, characterization and investigation of the electrochemical hydrogen storage properties of CuO–CeO ₂ nanocomposites synthesized by green method	2017
23.	Hossein Khojasteh , Masoud Salavati-Niasari, Mohammad-Peyman Mazhari, Masood Hamadanian	RSC Advances The Royal Society of Chemistry (ISI)	Preparation and characterization of Fe ₃ O ₄ @SiO ₂ @TiO ₂ @Pd and Fe ₃ O ₄ @SiO ₂ @TiO ₂ @Pd–Ag nanocomposites and their utilization in enhanced degradation systems and rapid magnetic separation	2016
24.	Ali Abbasi, Hossein Khojasteh , Masood Hamadanian, Masoud Salavati-Niasari	Journal of Materials Science: Materials in Electronics Springer US - (ISI)	Synthesis of CoFe ₂ O ₄ nanoparticles and investigation of the temperature, surfactant, capping agent and time effects on the size and magnetic properties	2016
25.	Hossein Khojasteh , Masoud Salavati-Niasari, Sobhan Mortazavi-Derazkola	Journal of Materials Science: Materials in Electronics Springer US - (ISI)	Synthesis, characterization and photocatalytic properties of nickel-doped TiO ₂ and nickel titanate nanoparticles	2016
26.	Hossein Khojasteh , Masoud Salavati-Niasari, Ali Abbasi, Farshid Azizi, Morteza Enhessari	Journal of Materials Science: Materials in Electronics Springer US - (ISI)	Synthesis, characterization and photocatalytic activity of PdO/TiO ₂ and Pd/TiO ₂ nanocomposites	2016
27.	Hossein Khojasteh* , Valiollah Mirkhani, Majid Moghadam, Shahram Tangestaninejad, Iraj Mohammadpoor-Baltork	Journal of NanoStructures University of Kashan (ISI)	Palladium Loaded on Magnetic Nanoparticles as Efficient and Recyclable Catalyst for the Suzuki- Miyaura Reaction	2015

Full articles are available in my Google Scholar profile:

https://scholar.google.at/citations?hl=en&user=iGHF4N4AAAAJ&view_op=list_works&sortby=pubdate

B: Research Plans

1	Modification and optimization of synthesis conditions of Aluminium sulfate from Aluminium hydroxide and sulfuric acid	2017
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C: Supervising Research Activities

	The Activity	Place	Date
1	Acting as Consultant in 3 Master's Thesis	Islamic Azad University, Mahabad branch	2018-2019
2	Teaching General chemistry, Nanochemistry, Characterization methods, Inorganic chemistry, Polymer chemistry, Computer science, Surface chemistry	Soran University	2019- 2024

FIELD(S) OF RESEARCH INTEREST

1	Preparation of nanomaterials for catalysis applications (alkane oxidation. carbon-dioxide reduction, water splitting and dye
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- degradation) green chemistry, materials science and advanced materials characterisation.
- 2 Synthesis of Graphene and Graphene quantum dots using organic molecules.
- 3 Casting of hydrophobic polymers for use in marine structures.

HONORS

National honors:

HONOR	DATE
1 The National Elite Foundation of Iran Education Award	2018
2 Selected for specialized military award	2017
3 Second place in the first national nano Olympiad	2018

SKILLS

A: Computer Skills:

- 1 Certification from, International Computer Driving License (ICDL).
- 2 Knowledge of using essential higher education software's:
a) Endnote b) OriginPro c) Adobe Photoshop d) Digimizer e) Chem Draw f) Inkscape
g) X-pert h) Sigma plot

B: Hardware and Spectroscopy Skills:

- 1 Infrared Spectrophotometer IR-460 (Shimadzu).
- 2 UV-Visible Spectrophotometer.
- 3 GC-mass Chromatography (Agilent).
- 4 HPLC-Shimadzu and knauer.
- 5 Vibrating sample magnetometer (VSM).
- 6 Differential scanning calorimetry (DSC).
- 7 Flame photometer
- 8 Melting point apparatus

C: Practical and Professional Chemistry Skills:

- 1 Different Spectrum and Characterization Method Interpretation such as UV-Vis, FTIR (Fourier transform infrared spectroscopy), DRS (diffuse reflectance spectroscopy), SEM (scanning electron microscopy), TEM (Transmission electron microscopy), XRD (X-ray diffraction), VSM (vibrating sample Magnetometer), EDS (energy dispersive microscopy) and STA (TG-DTA, thermal gravimetric analysis - Differential thermal analysis).
- 2 Synthesis of different nano materials.
Design of Experiments.

PERSONAL QUALITIES

- 1 Quick learner.
- 2 Good Organizational Skills.
- 3 Accurate and focused on the Research goal.
- 4 Work in an international team.
- 5 Ability to acquire and develop new skill by interacting with various research teams.
- 6 Hard working.
- 7 Open to learn if you trained me

Google Scholar h-index: **25**

Number of articles: **61**

Citations: **2108**

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REFERENCES

Available upon request