

## Masood Salavati Niasar

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Education					
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BSc	1992	Applied Chemistry	University of Isfahan		
MSc	1995	Inorganic Chemistry	Isfahan University of Technology		
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Faculty/Department	Position/Rank	Employment Type	Cooperation Type	Grade		
University Of Kashan	Assistant Professor	Tenured	Full Time			

## Papers in Journals

- 1. ErMnO3/Er2Mn2O7/ZnO/GO multi-component nanocomposite as a promising material for hydrogen storage: Facile synthesis and comprehensive investigation of component roles, Journal of Energy Storage, 2023 04 04, SCOPUS, JCR.
- 2. Wenya Lei, Chaofan Zhang, Rui Qiao, Mahalingam Ravivarma, Haixia Chen, Farshad Boorboor Ajdari, Masoud Salavati ,& Niasari, Jiangxuan Song, Stable Li|LAGP Interface Enabled by Confining Solvate Ionic Liquid in a Hyperbranched Polyanionic Copolymer for NASICON-Based Solid-State Batteries, ACS Applied Energy Materials, 2023 04 04, SCOPUS , JCR.
- 3. فاطمه برگزینی et al.,Development and performance analysis of a 316 stainless steel autoclave for facile fabrication of carbon nanoarchitectures derived from natural potato and starch,Journal of Materials Research and Technology,2023 02 06,SCOPUS ,JCR.
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- 5. جواد ابراهیمیان et al.,Rosa Damascena mediated ZnO-Red Ochre nanocomposite for the electrochemical determination of 5-Fluorouracil,Arabian Journal of Chemistry,2023 01 25,SCOPUS ,JCR.
- 6. سميرا على نواز , مريم غياثيان اراني , مسعود صلواتي نياسري, Enhanced hydrogen storage capacity of NiAl-

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- 8. پوریا مهدی زاده et al.,Rapid microwave fabrication of new nanocomposites based on Tb-Co-O nanostructures and their application as photocatalysts under UV/Visible light for removal of organic pollutants in water,Arabian Journal of Chemistry,2023 01 16,SCOPUS ,JCR.
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- 10. رضا محصل et al.,Boosting H2storage capability of Er ☐3 manganite by adding CuO andg-C3N4in the form of a fourcomponent nanocomposite,International Journal of Hydrogen Energy,2022 12 31,SCOPUS ,JCR.
- 11. فروزان صميمی , مریم غياثيان آرانی , مسعود صلواتی نياسری , Sarab W. Alwash,A study of relative electrochemical hydrogen storage capacity of active materials based on Zn3Mo2O9/ZnO and Zn3Mo2O9/ZnMoO4,International Journal of Hydrogen Energy,2022 12 28,SCOPUS ,JCR.
- 12. عاطفه کرمی et al.,Microwave synthesized erbium vanadate nanophotocatalyst: Application for enhanced degradation of contaminated water,International Journal of Hydrogen Energy,2022 12 21,SCOPUS ,JCR.
- 13. فرزاد نامور , مسعود صلواتی نیاسری , Multidisciplinary green approaches (ultrasonic, coprecipitation, hydrothermal, and microwave) for fabrication and characterization of Erbiumpromoted Ni-Al2O3 catalyst for CO2 methanation, Arabian Journal of Chemistry, 2022 12 07, SCOPUS, JCR.
- 14. مسعود صلواتی نیاسری, مسعود صلواتی نیاسری, Enhanced electrochemical hydrogen storage performance of titanate-based nanostructures synthesized by facile auto-combustion: Li2TiO3 nanostructures versus LaTiO3 nanoperovskites,International Journal of Hydrogen Energy,2022 11 23,SCOPUS, JCR.
- 15. مسعود صلواتی نیاسری, مسعود صلواتی نیاسری, مسعود صلواتی نیاسری, Sonochemical synthesis and characterization of CuInS2 nanostructures using new sulfur precursor and their application as photocatalyst for degradation of organic pollutants under simulated sunlight, Arabian Journal of Chemistry, 2022 05 27, SCOPUS, JCR.
- 16. Wenya Lei, Xingxing Jiao, Shugui Yang, Farshad Boorboor Ajdari, Masoud Salavati, & Niasari, Yangyang Feng, Jianqing Yin, Goran Ungar, Jiangxuan Song, Temperature and stress-resistant solid state electrolyte for stable lithium-metal batteries, Energy Storage Materials, 2022 04 10, SCOPUS, JCR.
- 17. رضا محصل , مهدی شبانی نوش آبادی , مسعود صلواتی نیاسری, Effect of g-C3N4 amount on green synthesized GdFeO3/g-C3N4 nanocomposites as promising compounds for solid-state hydrogen storage,International Journal of Hydrogen Energy,2022 03 16,SCOPUS ,JCR.
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- 19. Catechin mediated green synthesis of Au nanoparticles: Experimental and theoretical approaches to the determination HOMO-LUMO energy gap and reactivity indexes for the (+)-epicatechin (2S, 3S), Arabian Journal of Chemistry, 2022 02 16, SCOPUS, JCR.
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- 26. فاطمه یوسف زاده , Qahtan A. Yousif , مسعود صلواتی نیاسری , مسعود صلواتی نیاسری , Fabrication of TISnI3/C3N4 nanocomposites for enhanced photodegradation of toxic contaminants below visible light and investigation of kinetic and mechanism of photocatalytic reaction, Journal of Molecular Liquids, 2022 01 07, SCOPUS, JCR.
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- 33. سید میلاد طباطبایی نژاد , سحر زینتلو عجب شیر , امید امیری , مسعود صلواتی نیاسری , Magnetic Lu2Cu2O5based ceramic nanostructured materials fabricated by a simple and green approach for an effective photocatalytic degradation of organic contamination,RSC Advances,2021 12 16,SCOPUS ,JCR.
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- 37. Green self-assembly of CuCe2(MoO4)4/montmorillonite-K10 nanocomposites; a promising solid-state hydrogen storage profile,Fuel,2021 10 31,SCOPUS ,JCR.
- **38**. Toxicity of Nd2WO6 nanoparticles to the microalga Dunaliella salina: synthesis of nanoparticles and investigation of their impact on microalgae,RSC Advances,2021 08 10,SCOPUS ,JCR.
- 39. رینب طالب زاده , مریم مسجدی آرانی , امید امیری , مسعود صلواتی نیاسری, La2Sn2O7/g-C3N4 nanocomposites: Rapid and green sonochemical fabrication and photo-degradation performance for

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- 53. سحر زینتلو عجب شیر , مهین بلدی , مسعود صلواتی نیاسری, Enhanced visible-light-driven photocatalytic performance for degradation of organic contaminants using PbWO4 nanostructure fabricated by a new, simple and green sonochemical approach, Ultrasonics Sonochemistry, 2020 12 29, SCOPUS, JCR.
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