



Masood Salavati Niasar

Professor

College: Faculty of Chemistry

Department: Inorganic Chemistry

Education

Degree	Graduated in	Major	University
BSc	1992	Applied Chemistry	University of Isfahan
MSc	1995	Inorganic Chemistry	Isfahan University of Technology
Ph.D	2000	Inorganic Chemistry	University of Tehran

Employment Information

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 Ravivarman, 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.](#)
4. [مهین بلدی et al., Green sol-gel synthesis of hydroxyapatite nanoparticles using lemon extract as capping agent and investigation of its anticancer activity against human cancer cell lines \(T98, and SHSY5\), Arabian Journal of Chemistry, 2023 02 01, SCOPUS ,JCR.](#)
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. [سمیرا علی نواز , مریم غیثیان ارانی , مسعود صلواتی نیاسری , Enhanced hydrogen storage capacity of NiAl-](#)

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7. علی صالح آبادی et al., Progress on nano-scaled alloys and mixed metal oxides in solid-state hydrogen storage; an overview, *Journal of Energy Storage*, 2023 01 17, SCOPUS ,JCR.
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 11. مسعود صلواتی نیاسری , فرزان صمیمی , مریم غیاثیان آرانی , 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. مسعود صلواتی نیاسری , فرزاد نامور , Makarim A. Mahdi , فرشته مشکانی , Multidisciplinary green approaches (ultrasonic, coprecipitation, hydrothermal, and microwave) for fabrication and characterization of Erbium promoted Ni-Al₂O₃ catalyst for CO₂ methanation, *Arabian Journal of Chemistry*, 2022 12 07, SCOPUS ,JCR.
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 15. اعظم جعفری نژاد , حدیث بشیری , 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.
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23. فاطمه مهندس , مسعود صلواتی نیاسری , مزگان قنبری , Nanocomposite scaffolds based on gelatin and alginate reinforced by Zn₂SiO₄ with enhanced mechanical and chemical properties for tissue engineering, *Arabian Journal of Chemistry*, 2022 01 28, SCOPUS ,JCR.

24. علی شکاری مقدم et al., Ca₁₉Zn₂(PO₄)₁₄ Nanoparticles: Synthesis, characterization and its effect on the colonization of *Streptococcus mutans* on tooth surface, *Journal of Molecular Liquids*, 2022 01 22, SCOPUS ,JCR.

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31. مسعود صلواتی نیاسری , مریم غیاثیان آرانی , Comparative study on electrochemical hydrogen storage of nanocomposites based on S or N doped graphene quantum dots and nanostructured titanium niobate, *Journal of Alloys and Compounds*, 2021 12 22, SCOPUS ,JCR.

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