Niyaz Mohammad Mahmoodi

Full Professor

Department of Environmental Research
Institute for Color Science and Technology
Tehran, Iran

h-index: 108 (Google Scholar Data, December 2024)

https://orcid.org/0000-0002-3349-3732

E-mail: *mahmoodi@icrc.ac.ir*
nm_mahmoodi@aut.ac.ir
nm_mahmoodi@yahoo.com

Google Scholar

Niyaz Mohammad Mahmoodi

Prof. Dr. at Institute for Color Science and Technology
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Environmental Nanotechnology, Water and wastewater treatment

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Mahmoodi, Niyaz Mohammad

Institute for Color Science and Technology, Tehran, Iran 9733238800 https://orcid.org/0000-0002-3349-3732

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Prof. Dr. Mahmoodi was ranked in Stanford University study of the world's top 2% of scientists in 2024 (Rank = 22 in Chemical Engineering).

https://elsevier.digitalcommonsdata.com/datasets/btchxktzyw/7

PROFESSIONAL INTERESTS

Prof. Dr. Mahmoodi had received BSc and MSc in Chemistry and PhD in Textile Engineering (Environmental Engineering). He published 236 peer-reviewed papers (ISI Thomson Reuters). His research focuses on environmental nanotechnology for water and wastewater treatment including the removal of pollutants using different nanomaterials (nanosheets, nanotubes, nanofibers, nanocomposites and nanoparticles). The main processes are adsorption, advanced oxidation, enzymatic, and membrane.

ACADEMIC POSITIONS

Department of Environmental Research, Institute for Color Science and Technology, Tehran, Iran

* **Full Professor**: June 2019 - Present

** **Associate Professor**: May 2015 - June 2019

*** **Assistant Professor**: January 2011 - May 2015

EDUCATION

* **PhD**: Textile (Environmental) Engineering, Amirkabir University of Technology, Tehran, Iran, 2008 - 2010.

** **MSc**: Applied Chemistry, Amirkabir University of Technology, Tehran, Iran, 2000 - 2003.

*** **BSc**: Chemistry, University of Mazandaran, Babolsar, Iran, 1996 - 2000.

MENTORING, PUBLICATIONS, AND CITATIONS

* **Mentoring:** Research mentor to 20 PhD students, and 54 MSc students.

** **Publications:** Authored 236 articles in peer-reviewed journals (2005-2025).

*** **Citations:** Over 23,500 total citations with an average of 100 citations per published article.

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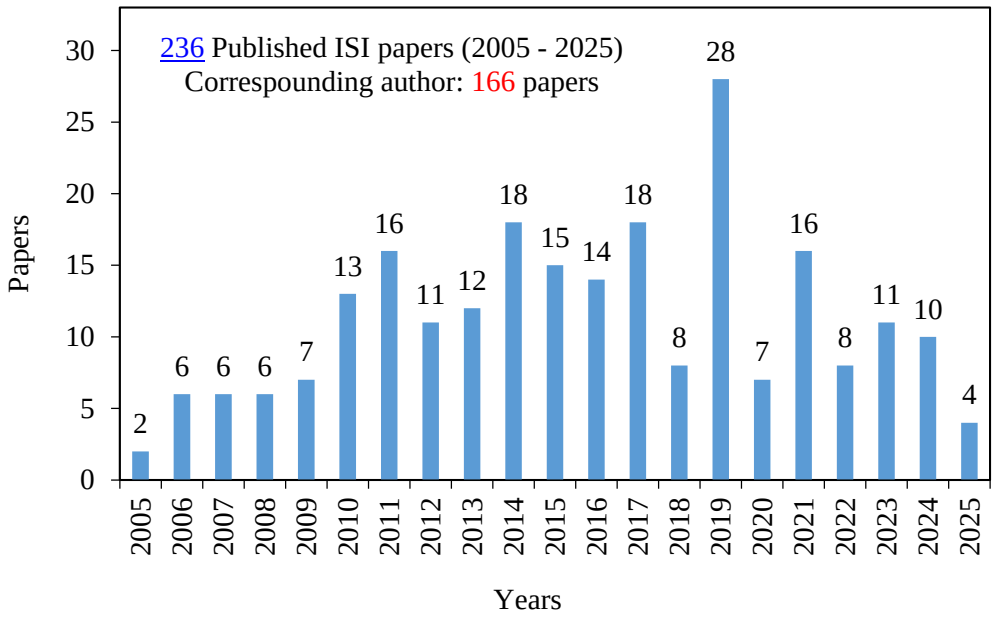

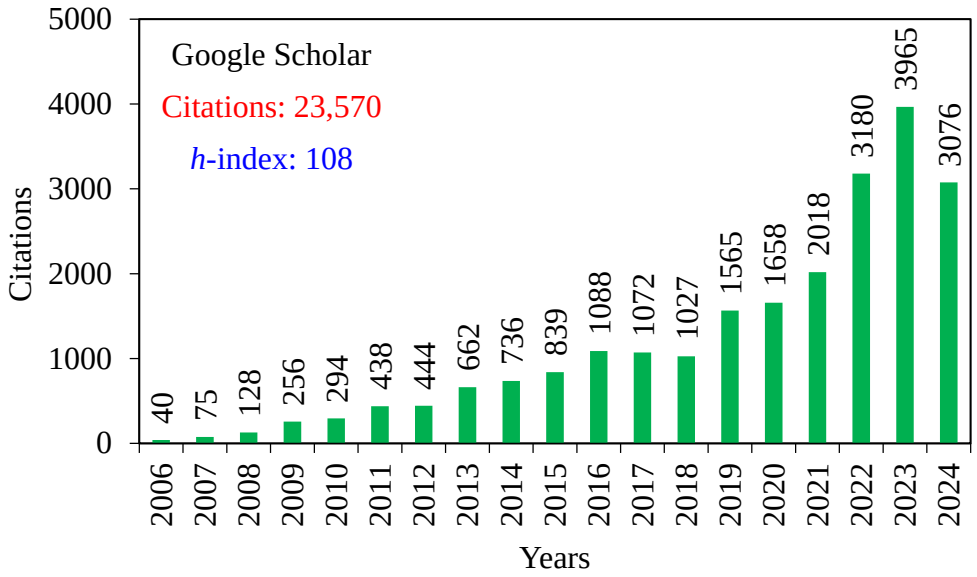

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PUBLICATIONS

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* Corresponding author (166 papers)