

Professional C.V.



Homam Naffakh-Moosavy, Ph.D

✚ Associate Professor of Materials Engineering (Metallurgy),
Department of Materials Engineering, Tarbiat Modares University,
Faculty of Engineering, Tehran, Iran

✚ ***Contact***

0098-21-82884928

✚ ***E-mails***

homam.naffakh@gmail.com

h.naffakh-moosavy@modares.ac.ir

✚ ***Personal Web Page***

https://www.modares.ac.ir/en-pro/academic_staff/hnaffakh-moosavy

 ***Research Fields and Interests***

1. High Energy Beams in Additive Manufacturing, Welding and Processing of Materials
2. Advanced Materials for Biological and Energy Applications (Bio and Energy Materials)

 ***Research and Industrial Achievements***

- Publishing more than 40 Conference Papers

<https://civilica.com/p/368116/>

- Publishing more than 50 ISI-Indexed Articles


https://scholar.google.com/citations?user=_Ws3MecAAAAJ&hl=en


<https://www.scopus.com/authid/detail.uri?authorId=55752822500>

 ***The Scientific Metrics***

- H-Index: 21, i10-Index: 32 in Google Scholar
- H-Index: 20 in Scopus

 Supervisor of more than 20 Master Thesis and 5 Ph.D Thesis

 Advisor of more than 5 Master and Ph.D Thesis

 Conducting more than 10 Industrial Projects in the Field of Welding, Additive Manufacturing, Brazing, Soldering and Physical Metallurgy

 ***International Activities: Referee of ISI-Indexed Journals***

- Journal of Materials Processing Technology
- Materials Science and Engineering A
- Materials Research
- Materials Characterization
- Journal of Materials Engineering and Performance
- Materials Science and Technology
- International Journal of Advanced Manufacturing Technology
- Results in Physics
- Materials Chemistry and Physics
- Journal of Manufacturing Processes
- Journal of Advanced Materials in Engineering (Esteghlal)
- Materials Research Express
- Optics and Laser Technology
- Materials and Design
- Journal of Materials Science and Technology
- Applied Physics A
- Optics and Lasers in Engineering
- Infrared Physics & Technology
- Vacuum
- Journal of Alloys and Compound
- Materials and Metallurgical Transactions A
- ACS Materials and Interfaces
- Advanced Engineering Materials
- Virtual and Physical Prototyping

 ***Guest Editor of Metals (ISI-Indexed Journal, IF: 2.965), 2022-2023***

- Special Issue "Progress and Perspectives of Laser Welding: Sensing, Characterization and Modeling"

https://www.mdpi.com/journal/metals/special_issues/55I4P35Y79

 ***Academic Courses Presented at Graduate Studies Level***

- Advanced Welding Metallurgy
- Brazing and Soldering
- Phase Transformation
- Advanced Materials Characterization and Lab
- Advanced Materials and Manufacturing Processes
- Advanced Welding Lab
- Additive Manufacturing

 ***Academic Positions***

- Administrator of Materials Characterization and Selection (Metallurgy) Department, Tarbiat Modares University, Iran, 2017 until now

 ***Honors***

- Outstanding Teacher of Tarbiat Modares University, Tehran, Iran, 2022