






PERSONAL INFORMATION		
		Via Val di Non, 39, Rome, Italy
		+39-3476425334
		sara.taherinezhadtayebi@uniroma1.it
Female 04.08.1994 Iran		
CURRENT POSITION SSD (if applicable)	PhD student	
RESEARCH TOPICS / EXPERIENCES	Waste Management of Polymeric Material, Composite Production and Fabrication, Material Characterization; Cementitious Materials, Biomaterials, Nanofibrous Scaffolds Utilization in Biomedical and Tissue Engineering.	
SCIENTIFIC / TECHNICAL QUALIFICATION (source: Scopus)	▪ H-index:	-
	▪ No. publications:	-Three ISI publications -Two national Iranian conference papers -One international conference -One review paper in an Iranian Scientific Journal -Two national Italian conference papers -Poster presentation and oral speech in COST ACTION Priority training school in Jena, Germany May 2023 Total: 10
	▪ No. citations:	-
THEMATIC AREA KEYWORDS (it is possible to select one or more than one thematic area)	▪ Energy transition:	✓
	▪ Digital transition:	-
	▪ Bio-pharma & health:	✓

EDUCATION AND TRAINING

[Start from the most recent.]

Advanced techniques for the analysis of novel materials strategic for sustainability transitions. 1 – BIOPLASTICS	Pisa University, Italy, January 2024
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COST ACTION Training school (Recent Trends on Microplastics Research)	The Leibniz Institute of Photonic Technology in Jena, Germany, May 2023
PhD (on-going)	Sapienza University of Rome-2022/2023
TOEFL iBT	91/120
3D Print	Education Foundation of Nanotechnology, Tehran, Iran, June 2020
Nanotechnology and Purposive Drug Delivery	Education Foundation of Nanotechnology, Tehran, Iran, December 2019
Principles, Necroscopy and Sampling In Animal Laboratory	Shiraz University of Medical Science, Shiraz, Iran, June 2019
Tissue Engineering	Royan Institute, Tehran, Iran, March 2018
Nanofibers Production Through Electrospinning Method on Laboratory Scale	Education Foundation of Nanotechnology, Tehran, Iran, November 2017
M.Sc. Degree in Polymer Engineering Graduated with honors (GPA: 3.36/4)	Yazd university-2017/2020
B.Sc. Degree in Polymer Engineering (GPA: 3.18/4)	Islamic Azad University of Shiraz-2012/2016
MatLab	Shiraz, Iran, October 2015

WORK EXPERIENCE

[Start from the most recent.]

Research and development consultant	Sepehr Baspar Mehr Co., polymer waste recycling company, SEEZ, Shiraz, Iran February 2021-October 2022
Teacher assistant in Polymer Process and Polymer Alloys	Yazd university, Yazd, Iran 2018-2020
Research assistant, Guiding Undergraduate students in their thesis	Yazd university, Yazd, Iran 2017-2020

MAIN ROLES AND RESPONSIBILITIES

[Start from the most recent.]

Guiding International Master students (Writing Thesis and Manuscript)	Sapienza university of Rome

SERVICE TO NATIONAL AND INTERNATIONAL COMMUNITY

[Start from the most recent.]

TEACHING EXPERIENCE

[List of teaching experience. Start from the most recent.]

2017-2020	
Teacher assistant in (Polymer Process and Polymer Alloys Courses)	Yazd university, Yazd, Iran
Research assistant, Guiding Undergraduate students in For their Thesis	Yazd university, Yazd, Iran

MAIN RESEARCH EXPERIENCE

[List of main research project and research collaborations. Start from the most recent.]

Sapienza university	New and innovative pathways for recycling and recovery, and potential reuse of fibers (Glass and Carbon) obtained from Wind Turbine blade waste management + fabrication of recyclable composite sheets for lightweight and electronic automotive application [PhD Thesis Title]
Sapienza university	Synergic Effect of Recycled Carbon Fibers and Microfibrillated Cellulose Gel for Enhancing the Mechanical Properties of Cement-based Materials- Published ISI Paper
Sapienza university	Waste Management of Wind Turbine Blades: A Comprehensive Review on Available Recycling Technologies to Overcome Potential Environmental Hazards Caused by Microplastics- Under submission ISI Paper
Sapienza university	Valorization of a secondary stream of recycled carbon fibers in concrete application: compatibility, performance, and compounding optimization- Speech presented at the Proceedings of the AIMAT2023 Conference held in Catania, Italy.
Sapienza university	SUSTAINABLE 3D PRINTING MATERIAL WITH MICRO-CARBON FIBER RECYCLED FROM INDUSTRIAL WASTE: A PRELIMINARY RESULTS OF EFFECT OF FIBER CONTENT ON MECHANICAL PERFORMANCE IN PA6,6 COMPOSITES- Poster presented at "30 years of INSTM: past, present and future of the Consortium" in Bressanone, Italy.
Yazd university	Morphologic and Mechanical Properties of Recycled ABS
Yazd university	Effect of nano-CaCO ₃ on PVC Properties (Structural Observations, Tensile Properties, Flexural Modulus, Impact Strength)
Yazd university	Anti-bacterialization Of ABS Pipes
Yazd university+ Shiraz University of Medical Science	Investigation of Structure, Mechanical Properties and Drug Release Behaviour of Electrospun Nanofibers Based on Poly(vinylidene fluoride) (PVDF) with Wound Dressing Application [Master Thesis Title]

Yazd university	Microstructure, Mechanical and Biological Properties of Zataria multiflora Loaded- PVDF Nanofibrous Scaffolds: Polymer and Herbal Drug Concentration Effect- Under submission ISI Paper
Yazd university	Morphology and Mechanical Properties of Zataria Multiflora-loaded Mats Based on Polyvinylidene Fluoride Electrospun nanofibers- 14th International Seminar on Polymer Science and Technology (ISPST), Tehran, Iran, November 2020, Oral Presentation
Yazd university	Polymer Solution Concentration Effect on the Morphology and Mechanical Properties of Polyviniliden Fluoride (PVDF) Electrospun Nanofibers with Wound Dressing Application- 4th National Congress and Workshops on Nanoscience and Nanotechnology, Yazd, Iran, August 2019, Oral Presentation
Islamic Azad university of Shiraz	Antibacterialization Of Poly(urethane) Foams with nanosilver
Islamic Azad university of Shiraz	Surface Modification Effect on Iron Oxide Magnetic Nanoparticles Properties in Biomedical Applications
Islamic Azad university of Shiraz	Antibacterialization Of Poly(urethane) Foams with nanosilver
Islamic Azad university of Shiraz	Effect of Polymer Coating on Iron Oxide Magnetic Nanoparticles Properties in Biomedical Applications- 5th National Congress and Workshops on Nanoscience and Nanotechnology, Tehran, Iran, August 2021
Islamic Azad university of Shiraz	Surface Modification Effect on Iron Oxide Magnetic Nanoparticles Properties in Biomedical Applications- Published Review Paper in "Donyaye Nano" Scientific Iranian Journal

OTHER RELEVANT EXPERIENCES

[List of main other experiences, i.e. constitution of start-up). Start from the most recent.]

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yyyy	▪

HONOURS, AWARDS, MEMBERSHIPS, OTHER QUALIFICATIONS

[List of main other experiences, i.e. constitution of start-up). Start from the most recent.]

Innovation	Patent Certificate based on my master thesis outcome from Iran Patent Office, 2020.

ADDITIONAL INFORMATION (Software-skills)

MatLab, ImageJ, Opus, Reptate, Photoshop, Endnote, Mendely, Microsoft Word, Excel, PowerPoint.

According to law 679/2016 of the Regulation of the European Parliament of 27th April 2016, I hereby express my consent to process and use my data provided in this CV