SUMMARY CV

N. MAGHSOUDI

PERSONAL INFORMATION

- Nanotechnology
- Bioreactors
- Synthesis of different Nano shapes
- Drugs analysis with micro NIR
- Microfluidic chips
- Blood analysis with TGA
- Air pollutant analysis with micro NIR
- HPLC

EDUCATION

2019-2020	Research- Sapienza university- Roma- Italy, Advisor: Prof. Stefano Materazzi
2015-2019	PhD, in Analytical Chemistry, Shiraz University, Shiraz, Iran. Thesis: "Potential function of plants in analytical chemistry", Advisor: Prof. M.M. Doroodmand

2012-2014	M.Sc., in Analytcal Chemistry, Shiraz University, Shiraz, Iran. Thesis: *"Design and construction of a LED based photometer for the determination of Nitrite and Nitrate ions in foods and water, comparison its performance with existent commercial instruments"*, Advisor: Prof. F.Bamdad.
2007-2011	B.Sc., Shiraz University, Shiraz, Iran.

ACADEMIC AWARDS

- Graduated from a high school designed for gifted students. Total GPA: 19.02
- Graduated among top 5% of B. Sc. Students, Shiraz University of Technology, and Shiraz, Iran.
- Ranked 60th in the national university entrance exam for M.Sc. program in Analytical chemistry.
- 5th student in M.Sc, Analytical Chemistry group, Arak University, Arak, Iran.
- Ranked 20th in the national university entrance exam for PhD program in Analytical chemistry, Shiraz, Iran.
- One of the Top researchers in Sapienza university, Roma, Italy.

ACADEMIC EXPERIENCE

Shiraz University, 2015 –2019.

Teaching assistant:

- Analytical Chemistry Laboratories I & II (2015-2018)
- General Chemistry I & II (2015-2018)
- Analytical Chemistry I & II (2015-2018)
- Instrumental analytical chemistry laboratory (2015-2018)
- Analytical solving problems (2019)

Research Assistant:

- Educational and Research Laboratory Assistance, Department of Chemistry, Shiraz University

Article:

"Lab-on a fig's xylem/phloem vessel as smart and specific bio-capillary electrophoresis during low-frequency stimulation" (under review).

COMPUTER SKILLS

- C^{++} and MATLAB. (somehow)
- Experimental design

- The Unscrambler software analyzing
- Computer Literacy: Microsoft Photoshop, Microsoft Office (Word, Excel, PowerPoint) and Windows.

SPECIAL SKILLS

- Instrumentation: UV-VIS, GC, SEM, Conductmeter, Incubator, Shaker, Vortex, Potentiometer, FT-IR, XRD and DRS, feluorescense, Hplc, TGA and micro NIR.

EXTRAURRICULAR ACTIVITIES

- Playing volleyball (professional)
- Traveling, mountain climbing
- Reading poem
- Listening Classical, Pop and Modern music
- Playing football & Handball
- Swimming (professional)

LANGUAGE SKILLS

- Farsi (native)
- English(fluent)
- Italian (basic)

REFERENCES

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Additional information available upon request