



TO MAGNIFICO RETTORE OF UNIVERSITA' DEGLI STUDI DI MILANO

ID CODE **6087**

I the undersigned asks to participate in the public selection, for qualifications and examinations, for the awarding of a type B fellowship at Dipartimento di **Milano**

Scientist- in - charge: **Prof. Caselli Alessandro, code ID 6087**

[Name and surname] **Maryam Hasanzadeh Esfahani**

## CURRICULUM VITAE

### PERSONAL INFORMATION

Surname	<b>Hasanzadeh Esfahani</b>
Name	<b>Maryam</b>

### PRESENT OCCUPATION

Appointment	Structure
<b>Teacher</b>	<b>I work for myself- (self-employed)</b>

### EDUCATION AND TRAINING

Degree	Course of studies	University	year of achievement of the degree
Degree	<b>PhD</b>	<b>Semnan University</b>	<b>11/03/2020</b>
Specialization	<b>Inorganic Chemistry</b>		
PhD	<b>Inorganic Chemistry</b>	<b>Semnan University</b>	<b>11/03/2020</b>
Master	<b>Inorganic Chemistry</b>	<b>Semnan University</b>	<b>22/09/2013</b>
Degree of medical specialization			
Degree of European specialization			
Other	<b>Synthesis, characterization and investigation of the catalytic performance of A2B2O7 pyrochlores in cyclooctene epoxidation</b>		



## REGISTRATION IN PROFESSIONAL ASSOCIATIONS

Date registration	of	Association	City

## FOREIGN LANGUAGES

Languages	level of knowledge
English	Intermediate

## AWARDS, ACKNOWLEDGEMENTS, SCHOLARSHIPS

Year	Description of award
2018	Winner of visiting researcher scholarship for the university of McMaster from the Iranian Ministry of Science, Research and Technology
2011, 2014	Full Scholarship for Ph.D, M.Sc, degrees by Ministry of Science, Research and Technology

## TRAINING OR RESEARCH ACTIVITY

<p>description of activity</p> <ul style="list-style-type: none"><li>✓ Synthesis, characterization and investigation of the structural properties of new mixed metal pyrochlores</li><li>✓ Research on the catalytic performance of rare earth titanate pyrochlores in cyclooctene epoxidation reaction</li><li>✓ Synthesis, identification and investigation of new acylpyrazolone complexes in the epoxidation of cyclooctene</li><li>✓ Design of many types of new mixed-ligand Schiff base complexes containing N-donor heterocyclic co-ligands against human pathogenic bacteria.</li><li>✓ Synthesis and characterization of Ni(II), Cu(II) complexes with symmetric tetradentate Schiff base ligands derived from meso-1,2-diphenylethylenediamine, acetylacetone, and acetophenone</li><li>✓ Analysis of compounds by XRD, SEM, EDX, TEM, BET, IR, UV, Raman</li><li>✓ <b>Teaching Experience</b></li><li>✓ <b>Advisor of thesis</b></li><li>✓ <b>Reviewer of thesis</b></li><li>✓ <b>Reviewer of paper</b></li><li>✓ <b>Leader of the laboratory</b></li></ul>
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PROJECT ACTIVITY

Year	Project
2011-now	Various projects have been done by me since 2011. All have been mentioned in the resume.

PATENTS

Patent

CONGRESSES AND SEMINARS

Date	Title	Place
September 2015	Executive member of the 18th Iranian Chemistry Congress	Semnan University

PUBLICATIONS

Books
[title, place, publishing house, year ...]
[title, place, publishing house, year ...]

Articles in reviews
I have 17 articles in different journals that have been mentioned in my resume.
[title of the article, review, place, publishing house, year ...]
[title of the article, review, place, publishing house, year ...]

Congress proceedings
[title, structure, place, year]
[title, structure, place, year]
[title, structure, place, year]

OTHER INFORMATION

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Declarations given in the present curriculum must be considered released according to art. 46 and 47 of DPR n. 445/2000.

The present curriculum does not contain confidential and legal information according to art. 4, paragraph 1, points d) and e) of D.Lgs. 30.06.2003 n. 196.

Please note that CV WILL BE PUBLISHED on the University website and It is recommended that personal and sensitive data should not be included. This template is realized to satisfy the need of publication without personal and sensitive data.

Please DO NOT SIGN this form.

Place and date: 10 December 2023, Maryam Hasanzadeh Esfahani