



TO MAGNIFICO RETTORE OF UNIVERSITA' DEGLI STUDI DI MILANO

ID CODE 6811

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** Chemistry

Scientist- in - charge: Prof. Colombo Valentina,

[Name and surname]

## CURRICULUM VITAE

### PERSONAL INFORMATION

Surname	Talha
Name	Khalid

### PRESENT OCCUPATION

Appointment	Structure
Postdoc	University of Modena and Reggio Emilia Modena Italy

### EDUCATION AND TRAINING

Degree	Course of studies	University	year of achievement of the degree
Degree			
Specialization			
PhD	Applied chemistry	Beijing University of Technology China	2022
Master	Analytical Chemistry	GCU Faisalabad Pakistan	2014
Degree of medical specialization			
Degree of European specialization			
Other			



## REGISTRATION IN PROFESSIONAL ASSOCIATIONS

Date registration	of	Association	City

## FOREIGN LANGUAGES

Languages	level of knowledge
English	Fluent
Italian	basic

## AWARDS, ACKNOWLEDGEMENTS, SCHOLARSHIPS

Year	Description of award
2017	China Govt Scholarship for PhD (Fully funded)
2020	Special Contribution award
2021	Science and Technology Award

## TRAINING OR RESEARCH ACTIVITY

description of activity
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## PROJECT ACTIVITY

Year	Project

## PATENTS

Patent



## CONGRESSES AND SEMINARS

Date	Title	Place
11-12 November 2021	International Conference on Energy, Power and Environment(ICEPE-2021)	University of Gujrat, Pakistan
16-18 December 2021	19 <sup>th</sup> international conference on Emerging Trends in Chemistry	University of Management and Technology, Lahore Pakistan

## PUBLICATIONS

1.	A three-dimensional metal–organic framework with high performance of dual cation sensing synthesized via single-crystal transformation. <b>Talha, K.</b> , He, T., Xie, L.-H., Wang, B., Zhao, M.-J., Zhang, Y.-Z., Chen, Q., Li, J.-R., New Journal of Chemistry, Rsc. 44(27), 11829-11834. 2020
2.	Construction of Zeolite A Type Multivariate Metal-Organic Framework for Selective Sensing of Fe <sup>3+</sup> and Cr <sub>2</sub> O <sub>7</sub> <sup>2-</sup> . <b>Talha, K.</b> , Alamgir, A., Ahamd, N., Xie, L.-H., Zhang, X., Li, J.-R., Rsc, CrystEngComm <b>2021</b> .
3.	Effective adsorption of metronidazole antibiotic from water with a stable Zr (IV)-MOFs: Insights from DFT, kinetics and thermodynamics studies. Alamgir, <b>Talha, K.</b> , Wang, B., Liu, J.-H., Ullah, R., Feng, F., Yu, J., Chen, S., Li, J.-R., Journal of Environmental Chemical Engineering 8(1), 103642. <b>2020</b>
4.	Construction of a mixed ligand MOF as “green catalyst” for the photocatalytic degradation of organic dye in aqueous media. Alamgir, <b>Talha, K.</b> , Wang, Y.-J., Ullah, R., Wang, B., Wang, L., Wu, W., Chen, S., Xie, L.-H., Li, J.-R., RSC Advances 11(38), 23838-23845. <b>2021</b> .
5.	MOF-Derived In <sub>2</sub> O <sub>3</sub> /TiO <sub>2</sub> S-Scheme Heterojunction for Efficient Photocatalytic Degradation of Tetracycline. 1002, 175398. Alamgir, Ullah, R., <b>Talha, K.</b> ; Yang, H.; Mushtaq, N.; Ahmad, A.; Fan, L.; Li, L.; Zhao, G.; Wang, X.; Gao, J. Journal of Alloys and Compounds. <b>2024</b>
6.	Electrochemical synergies of Fe–Ni bimetallic MOF CNTs catalyst for OER in water splitting. Yaqoob, L., Noor, T., Iqbal, N., Nasir, H., Zaman, N., <b>Talha, K.</b> , Journal of Alloys and Compounds 850, 156583. <b>2021</b>

Articles in reviews

Congress proceedings
<b>Talha, K.</b> , He, T., Xie, L.-H., Wang, B., Zhao, M.-J., Zhang, Y.-Z., Chen, Q., Li, J.-R., <b>2020</b> . A three-dimensional metal–organic framework with high performance of dual cation sensing synthesized via single-crystal transformation. New Journal of Chemistry, Rsc. 44(27), 11829-11834.

## OTHER INFORMATION


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: Modena, 26/08/2024