



TO MAGNIFICO RETTORE OF UNIVERSITA' DEGLI STUDI DI MILANO

ID CODE _____5994_____

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 _____Science della Terra Ardito Desio_____

Scientist- in - charge: _____Poli Stefano_____

[Name and surname]

CURRICULUM VITAE

PERSONAL INFORMATION

Surname	Xi
Name	Zhu

PRESENT OCCUPATION

Appointment	Structure
Ph.D. candidate	China University of Geosciences, Wuhan

EDUCATION AND TRAINING

Degree	Course of studies	University	year of achievement of the degree
Degree		China Univeristy of Geosciences, Wuhan	2018
Specialization			
PhD			
Master			
Degree of medical specialization			
Degree of European specialization			
Other			

REGISTRATION IN PROFESSIONAL ASSOCIATIONS

Date of registration	Association	City
N.A.		



FOREIGN LANGUAGES

Languages	level of knowledge
English	fluent
Chinese	Native

AWARDS, ACKNOWLEDGEMENTS, SCHOLARSHIPS

Year	Description of award
2022-2024	Visiting Scholarship, China Scholarship Conseil
2021-2022	Outstanding Doctoral Innovation Scholarship, China University of Geosciences, Wuhan
2019, 2022	The First Grade Scholarship, China University of Geosciences, Wuhan
2019	National Scholarship, China's Education Ministry

TRAINING OR RESEARCH ACTIVITY

I have actively engaged in various academic research projects, including high-pressure/high-temperature mineral physics, *ab initio* calculations, providing me with profound academic insights and problem-solving skills. These experiences have honed my research methods and team collaboration abilities, strengthening my expertise in the field.

PROJECT ACTIVITY

Year	Project
N.A.	

PATENTS

Patent
N.A.

CONGRESSES AND SEMINARS

Date	Title	Place
2023	Goldschmidt Conference	Lyon, France
2023	Mineral Physics Research in Progress 2023	Bristol, UK
2023	11 th Joint Workshop on High Pressure, Planetary and Plasma Physics	Rostock, Germany



PUBLICATIONS

Books
N.A.

Articles in reviews
Zhu, X., Ye, Y., & Caracas, R. Shock-induced devolatilization of a hydrous silicate melt, <i>Earth and Planetary Science Letters</i> , under review
Zhu, X., Wang, Z., Ye, Y., Liu, D., Miao, Y., Wang, Q., Hu, Y. & Chen, G. (2023) Equilibrium hydrogen isotope fractionation between portlandite/brucite and water: Implication from the vibrational spectra at elevated temperature and pressure. <i>Chemical Geology</i> . 627, 121470.
Zhu, X., Ye, Y., Smyth, J. R., Liu, D. & Miao, Y. (2022) Establishing consistent equations of state for solid noble gases: Implication for partitioning behaviors of noble gases in the lower mantle. <i>Earth-Science Reviews</i> . 224, 103872.
Zhu, X., Guo, X., Smyth, J. R., Ye, Y., Wang, X., & Liu, D. (2019). High- temperature vibrational spectra between Mg(OH) ₂ and Mg(OD) ₂ : Anharmonic contribution to thermodynamics and D/H fractionation for brucite. <i>Journal of Geophysical Research: Solid Earth</i> . 124(8), 8267-8280.

Congress proceedings
N.A.

OTHER INFORMATION

10 more articles as co-author

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: _____ Paris _____, _____ 23/11/2023 _____