



Reference code	67199
(To be filled by NAFOSTED)	

SCIENTIFIC CURRICULUM VITAE

1. Personal details

Full name	Ngô Thị Ngọc Lan Thảo	Year of birth	06/06/1992
Academic title	Dr	Sex	Female
Administrative position	Lecture	ID Number	024765022
Department	Khoa Môi trường và Tài nguyên		
Institution	Ho Chi Minh City University of Technology		
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2. Qualifications

No	Years	Academic institutions	Major/ Specialty	Academic degree
1	09/2010-09/2014	Vietnam National University Ho Chi Minh City - University of Science	Environmental Sciences	Bachelor
2	09/2015-11/2020	National Central University	Environmental Engineering	Doctor of Philosophy

3. Professional experience

No	Years	Institution	Professional address	Position
1	02/2014-09/2015	Robert Bosch Engineering and Business Solutions Vietnam	Đường số 8, khu công nghiệp Long Thành, huyện Long Thành, tỉnh Đồng Nai.	Kỹ sư
2	03/2021-nay	Ho Chi Minh City University of Technology	268, Lý Thường Kiệt, Phường 14, Quận 10, Hồ Chí Minh	Lecture
3	09/2014-11/2020	National Central University	Số 300, đường Trung Đại, Trung Lich, Đào Viên, Đài Loan	Research assistant

4. Language (rating: A- Poor/ deficient; B- Fair; C- Sufficient; D- Fluent)

Language	Reading	Writing	Speaking
English	D	D	D
Chinese	D	D	D

5. Expertise and research interests

5.1. Main research orientation.

Solid waste engineering and management Waste thermal and energy conversion technology Green material technology

5.2. List of research projects

List all the research grants/ projects received the last 5 years.

No	Project name	Funding institution & funded amount	Project duration	Position/ role in the project
1	The sampling and analysis of municipal solid waste in Taiwan	Ministry of Science and Technology (MOST, Taiwan)	09/2016-09/2017	Participant
2	Desulfurization mechanism study on syngas cleaning in biomass gasification	Industrial Technology Research Institute, Green Energy and Environment Research Laboratories, New Energy Technology Division, Hsinchu, Taiwan	09/2017-09/2018	Participant
3	Replace prepared Ni-catalyst for hot gas tar removal and syngas yield enhancement in rice straw gasification	Industrial Technology Research Institute, Green Energy and Environment Research Laboratories, New Energy Technology Division, Hsin-Chu, Taiwan	09/2018-09/2019	Participant

5.3. Publications and accomplishments

No	Authors	Year	Publications	Name of publishers/ No, Vol, Page	ISSN/ISBN	Proof (*)	Notes
1	Article(s) in ISI-covered journals						
1.1	Chen, Y.H., Ngo, T.N.L.T., Chiang, K.Y., 2020.	2021	Enhanced hydrogen production in co-gasification of sewage sludge and industrial wastewater sludge by a pilot scale fluidized bed gasifier	International Journal of Hydrogen energy	0360-3199	Yes	
1.2	Ngo, T.N.L.T., Chiang, K.Y., Liu, C.F., Wan, H.P., Hung, W.C.,	2021	Hydrogen production enhancement using hot gas cleaning system combined with prepared Ni-based catalyst in biomass gasification	International Journal of Hydrogen energy	0360-3199	Yes	
1.3	Ngo, T.N.L.T., Chiang, K.Y	2020	The migration, transformation and control of trace metals during the gasification of rice straw	Chemosphere	0045-6535	Yes	
1.4	Cheng, S.Y., Ngo, T.N.L.T., Chiang, K.Y	2020	Hydrogen gas yield and trace pollutant emission evaluation in automotive shredder residue (ASR) gasification using prepared oyster shell catalyst	International Journal of Hydrogen energy	0360-3199	Yes	
1.5	Ngo, T.N.L.T., Chiang, K.Y., Wan, H.P., Hung, W.C., Liu, C.F.	2019	Enhanced trace pollutants removal efficiency and hydrogen production in rice straw gasification using hot gas cleaning system	International Journal of Hydrogen energy	0360-3199	Yes	
2	Article(s) in other international journals						
3	National/International Conference(s)						

3.1	Ngo, T.N.L.T., Chiang, K.Y	2019	Enhancement of hydrogen production by hot gas cleaning system combined with prepared Ni-catalyst in biomass			No	
3.2	Ngo, T.N.L.T., Chiang, K.Y	2018	The Speciation and Partitioning of Trace Metals in Gasification of Rice Straw			No	
3.3	Chiang, K.Y., Chen, Y.H., Ngo, T.N.L.T	2018	Enhanced hydrogen production in co-gasification of sewage sludge and industrial wastewater sludge by a pilot scale fluidized bed gasifier.			No	
3.4	Chen, S.Y., Ngo, T.N.L.T., Chiang, K.Y	2018	Evaluation on Energy Yield in Gasification of Automotive Shredder Residue (ASR) by the Prepared Catalyst			No	
3.5	Ngo, T.N.L.T., Chiang, K.Y	2017	Thermal behavior in co-pyrolysis of sewage sludge and rice straw by thermal-gravimetric analysis.			No	
4	Article(s) in national scientific journals						
5	Others (monographs, patents, scientific awards...)						

Applicant's Institution
(if other than research hosting institution)

Hồ Chí Minh, 26/01/2022
Applicant

Ngô Thị Ngọc Lan Thảo