

SCIENTIFIC CURRICULUM VITAE



I. Personal Information

Name **NGUYEN THI THANH HUONG**
Gender Female
Date of birth November 3, 1972
Place of birth Luc Ba Commune – Dai tu District – Thai Nguyen Province
Homeland Luc Ba Commune – Dai tu District – Thai Nguyen Province
Position Faculty of Chemistry, Thai Nguyen University of Education
Degree Doctor Year 2012; Major: Analytical Chemistry
Teaching subjects: General Organic Chemistry and Hydrocarbon; Hydrocarbon derivatives, Complex compounds and polymers; Natural compounds; Chemistry Homework in High School
Research area Chemistry of natural compounds, Pharmacology
Foreign Language English
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II. Qualifications

- 1993: B.Sc in Chemistry in Education, Thai Nguyen University of Education.
- 2003: M.Sc in Inorganic Chemistry, Thai Nguyen University of Education.
- 2012: Ph.D in Organic Chemistry, Institute of Chemistry - Vietnam Academy of Science and Technology.

III. Scientific Publications

❖ Articles in international Journals

- [1]. Trinh Thi Thuy, Tran Hoai Lam, Nguyen Thi Thanh Huong, Le Thi Hong

Nhung, Pham Thi Ninh, Nguyen Thi Hoang Anh, Tran Thi Phuong Thao, Tran Van Sung (2012); Natural phenoxazine alkaloids from *Peristrophe bivalvis* (L.) Merr.; *Biochemical Systematics and Ecology* 44, 205-207 (2012). DOI:10.1016/j.bse.2012.05.009 No. BSE_2562. SCI 2012 Bimonthly ISSN: 0305-1978

[2]. Trinh Thi Thuy, **Nguyen Thi Thanh Huong**, Le Thi Hong Nhung, Pham Thi Ninh, Domenico V Delfino, Tran Van Sung (2012), “Isolation, characterization and biological evaluation of a phenoxazine, a natural dyestuff isolated from the leaves of *Peristrophe bivalvis*”, *Natural Product Research*, 27 (8), 771-774 (2012). ISSN: 1478-6419;

(ID: 698409 DOI: 10.1080/14786419.2012.698409)

❖ Articles in national Journals

[1] Le Quoc Thang, Trinh Thi Thuy, **Nguyen Thi Thanh Huong**, Tran Van Sung (2008); Alkaloids from *Fissistigma acuminatissima* (Annonaceae), *Internatinona Scientific Conferennce on “Chemistry for Development and Integration”*; Journal of Science and Technology - Vietnam Academy of Sciences, Vol.3 ; No.4; pp. 228-233; ISSN-0866-708X.

[2] **Nguyen Thi Thanh Huong**, Trinh Thi Thuy (2009), Building a development model for plant material areas for food coloring in Moc Chau-Son la and initial research results on chemical composition and biological activity of Cam plant, *34th Technical University Club Science Conference*, pp. 136-142.

[3] Trinh Thi Thuy, **Nguyen Thi Thanh Huong**, Nguyen Thi Duyen, Pham Thi Ninh, Tran Van Sung (2010), Analyze and structure the Peristrophine from the leaves of the Red Cam tree; *Journal of Chemistry*; Vol.48 ; No.6A, pp. 49-54; ISSN-0866-708X.

[4] **Nguyen Thi Thanh Huong**, Trinh Thi Thuy (2010), Study on the process of extracting colorant from Cam plant (*Peristrophe bilvavis* (L.) Merr.),

Journal of Science and Technology, Thai Nguyen University, Vol. 74 ;
No.12, pp. 23-28; ISSN-1859-2171.

- [5] Pham Thi Phuong Dung, **Nguyen Thi Thanh Huong** , Trinh Thi Thuy, Tran Van Sung (2010), Study on chemical constituents on the wood of *Aquilaria sinensis* ; *VietNam academy of science and technology institute of chemistry*, Hanoi; 2010, pp. 91-97.
- [6] Pham Thi Phuong Dung, **Nguyen Thi Thanh Huong**, Trinh Thi Thuy, Tran Van Sung (2011), Lignans, cinnamic amides and flavonones glycosit from Chinese Dó (*Aquilaria sinensis*) tree wood, *Journal of Chemistry*; Vol.49 ; No.2, pp. 166-171; ISSN-0866-7144.
- [7] Trinh Thi Thuy, Tran Hoai Lam, **Nguyen Thi Thanh Huong**, Le Thi Hong Nhung, Pham Thi Ninh, Nguyen Thi Hoang Anh, Tran Van Sung (2012), Study on the composition and toxicity of colorants from Purple *Peristrophe bivalvis* leaves, *Journal of Chemistry*; Vol.50 ; No.3, pp. 394-397; ISSN-0866-7144.
- [8] Trinh Thi Thuy, **Nguyen Thi Thanh Huong**, Le Thi Hong Nhung, Pham Thi Ninh, Tran Van Sung (2012) ; Study on the composition and toxicity of the colourant from *Peristrophe bivalvis* leaves, *Conference on Science and Technology for socio-economic development in the Northwest region*, Lao Cai; pp. 113-116.
- [9] **Nguyen Thi Thanh Huong**, Pham Thi Phuong Dung (2013), Research to determine the chemical composition of the essential oils of the Dó China *Aqualira sinensis Sprengel* grown naturally in Son La, *Journal of Science and Technology*, Thai Nguyen University, Vol. 112, No 12/2, pp. 21-25; ISSN-1859-2171.
- [10] Ngo Thi Phuong, Bui Kim Anh, Giang Thi Kim Lien , **Nguyen Thi Thanh Huong** ,Le Ngoc Hung, Nguyen Tuan Anh, Le Minh Ha (2016); Primary study on biological activities and chemical constituents of *Anoectochilus*

roxburghii wall. Of vietnam; Journal of Science and Technology, Da Nang University, Vol. 12 ; No.109, pp. 43-46; ISSN-1859-1531.

- [11]. **Nguyen Thi Thanh Huong**, Truong Thi Hong Hanh (2017); Chemical composition of the human species *Adenosma Cearuleum* R.Br. collected in Thai Nguyen; Journal of Science and Technology, Thai Nguyen University, Vol. 169; No.09; pp. 93 – 96; ISSN-1859-2171.
- [12]. **Nguyen Thi Thanh Huong** (2018), Study on the chemical composition of ethyl acetate extract of *Adenosma indiana* (Lour.) Merr. Collected in Dai Tu-Thai Nguyen district; *Journal of Analytical Chemistry, Physics and Biology*, Vol. 23; No. 2, pp. 130-135; ISSN-0868-3224
- [13]. Mai Thanh Nga, **Nguyen Thi Thanh Huong** (2019), Survey of chemical composition in wormwood leaves (*Artemisia vulgaris* L.) collected in Tan Lap ward -Thai Nguyen, *Journal of Analytical Chemistry, Physics and Biology*, Vol. 24; No. 1, pp. 153-156; ISSN-0868-3224.
- [14] Mai Thanh Nga, Sathapana Khamphila, **Nguyen Thi Thanh Huong**, Phan Minh Tan (2020), Isolation of some flavonoid compounds from *citrus hystrix* leaves collected in Champasack province, southern Laos; *Journal of Analytical Chemistry, Physics and Biology*, Vol. 25; No. 1, pp. 73-75; ISSN-0868-3224

IV. Research Grants/ Projects

❖ Ministry level

Project name: “*Study on the chemical composition and biological graphics of Peristrophe Cam trees in the Northern mountains* ”, Funding institution: MOET, B2009-TN-12. Accepted in 2011 - Excellent grade.

❖ The provincial level

Project name: “*Research and develop a technological process for manufacturing TCTN products from by-products of green tea production* ”, Funding institution: Thai Nguyen province; KC-14-2014. Accepted in 2016 - Excellent grade.

❖ University level

Project name: “*Innovating teaching methods for General Chemistry at the University* ”, Funding institution: Thai Nguyen University of Technology, TN- 07. Accepted in 2007 - good grade.

V. Published Books

1. Natural compounds (2018), Thai Nguyen University Publishing House, Vietnam.
2. Selection of 5000 grade 12 organic chemistry exercises (2019), Hanoi National University Publishing House, Vietnam.
3. Selection of 3000 inorganic chemistry questions (2019)), Hanoi National University Publishing House, Vietnam.
4. 360⁰ Chemical theory 11-12 (2020); Hanoi National University Publishing House, Vietnam.

VI. Supervisor (Master)

No	Name	Degree	Training organization	Guidance year	Graduation year
1	Lê Thị Liên	Master	Thai Nguyen University	2013	2014
2	Dương Hồng Nhung	Master	Thai Nguyen University	2014	2015
3	Lahoun Phetsomphon	Master	Thai Nguyen University	2014	2015
4	Nguyễn Văn Sự	Master	Thai Nguyen University	2015	2016
5	Nguyễn Thị Thanh Thảo	Master	Thai Nguyen University	2015	2016
6	Trương Thị Hồng Hạnh	Master	Thai Nguyen University	2016	2017

7	Bounmany thipthilarth	Master	Thai Nguyen University	2018	2019
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VII. Honors and Awards

1. Merit certificates from the Minister of Education and Training; 2010; Decision No. 1541/QĐ/BGDĐT, June 22, 2010 of the Minister of Education and Training.

2. Merit certificates from the Minister of Education and Training; 2012; Decision No. 1752/QĐ/BGDĐT, September 7, 2012 of the Minister of Education and Training.

3. Certificate of Merit from the People's Committee of Thai Nguyen province; 2017; Decision No. 87/QĐ/UBND, January 13, 2017 of the People's Committee of Thai Nguyen province

Thai Nguyen, September 10, 2020

Nguyen Thi Thanh Huong