

SCIENTIFIC CURRICULUM VITAE



I. Personal Information

Name **MAI THANH NGA**

Gender Female

Date of birth 1978

Place of birth Thai Nguyen District – Thai Nguyen Province

Homeland Truc Liem Commune – Truc Ninh District – Nam Dinh Province

Position Faculty of Chemistry, Thai Nguyen University of Education

Degree Doctor Year 2013; Major: Organic Chemistry

Teaching subjects: General Organic Chemistry and Hydrocarbon; Hydrocarbon derivatives, Complex compounds and polymers; Natural compounds; Chemistry Homework in High School

Research area Methods of separating organic compounds, chemistry of polymeric compounds

Foreign Language English

Address Thai Nguyen University of Education-Thai Nguyen University

Phone Number 0912.293.457

Email ngamt@tnue.edu.vn

II. Qualifications

- 2001: B.Sc in Chemistry in Education, Thai Nguyen University of Education.
- 2004: M.Sc in Organic Chemistry, Thai Nguyen University of Education.
- 2013: Ph.D in Organic Chemistry, Institute of Chemistry and Industrial Vietnam

III. Scientific Publications

❖ Articles in national Journals

- [1]. Dang Dinh Bach, Pham Minh Nam, pear Xuan Que, **Mai Thanh Nga** ,
 Nguyen Quang Tung, (2009), "Synthesis of copoli nanocomposite (aniline-
 derivative) with Fe_2O_3 , TiO_2 ", *Journal of Chemistry* No.47. (special of the 5th
 National Organic Chemistry Conference) pp. 23-27.
- [2]. **Mai Thanh Nga** "Contribute to the study of chemical composition,
 extraction of polyphenolic compounds in Thai Nguyen green tea plants".
Journal of Science and Technology No. 04, 2011. Pp. 159-161.
- [3]. Duong Quang Huan, Le Xuan Que, Hoang Van Hoan, Ngo Thi Dung,
 Nguyen Huy Anh , **Mai Thanh Nga** , Tran Van An "Research kinetics of
 polymerization electrochemical aniline in H_2SO_4 present FeSO_4 " *Journal of*
Chemistry No. 49(6) / 2011, pp. 743-747.
- [4]. Duong Quang Huan, Le Xuan Que, Hoang Van Hoan, Trinh Thi Thu Trang,
 Nguyen Huy Anh, **Mai Thanh Nga** , Tran Van An "Study of kinetics of
 nanocomposite PANi/ TiO_2 fusion in acid H_2SO_4 ", *Journal of Chemistry*
 No.50(1) / 2012, pp. 68-73.
- [5]. Le Xuan Que, Nguyen Thi Hai Van Trinh Thi Thu Trang, **Mai Thanh Nga**,
 Ngo Thi Dung, Nguyen Huy Anh, Dang Dinh Bach (2012) "Synthesis
 electrochemical nanocompozit PANi/ TiO_2 in acid HNO_3 . *Journal of*
Chemistry 50(3), pp. 301-305.
- [6]. Le Xuan Que, **Mai Thanh Nga**, Trinh Thi Thu Trang, Dang Dinh Bach,
 "Aniline electrochemical copolymers and o-toluidin" *Journal of Chemistry*
 No. 3(19) / 2013. pp. 43-47.
- [7]. Do Thanh Ha, **Mai Thanh Nga**, Hoang Van Hoan , Nguyen Quoc Dat , Ngo
 Thi Hai Yen , Pham Thi Thanh Hieu "Research on technology to produce epi-
 gallocatechin gallatepi-galocatechin gallate (EGCG) 95%" *Journal of*
Chemistry No. 6 (T50) in 2012. pp. 727-731.
- [8]. **Mai Thanh Nga**, Duong Quang Huan, Le Xuan Que "Studying an interaction
 between conducting polyaniline and EGCG extracted from green tea" Viet

Nam journal of chemistry (nternational Conference of Tropical Institute)
Vol.50(6B)/2012, pp. 106-111.

- [9]. **Mai Thanh Nga**, Tran Van An, Mai Tuyen, Le Xuan Que "Research on the effect of EGCG- green tea polyphenols on initiating aniline polymerization" Journal of Chemistry No 4 (51), 2013, pp. 404-409.
- [10]. **Mai Thanh Nga**, Mai Tuyen, Le Xuan Que (2013), "Study on PANi / EGCG interaction in the polymerization process" Part 1: Technique to determine information polymerization. Journal of Chemistry No. 4 (51), pp. 696-700.
- [11]. **Mai Thanh Nga**, Mai Tuyen, Le Xuan Que (2013), "Study on PANi / EGCG interaction in electrochemical polymerization" Part 2: The impact of EGCG to initiate aniline polymerization, Chemical Journal No.6 (51), pp700-703.
- [12]. **Mai Thanh Nga**, Mai Tuyen, Le Xuan Que (2014), "Study on the PANi / EGCG interaction in the electrochemical polymerization process" Part 3: EGCG / PANi Interaction. Journal of Chemistry No.1(52), pp. 1-5.
- [13]. Pham Van Khang, **Mai Thanh Nga**, Le Xuan Que (2014), "Evaluation of antioxidant capacity of Thai Nguyen green tea catechins by electrochemical method" Journal of Chemistry No.6B (52), pp. 91- 93
- [14]. **Mai Thanh Nga** (2018) "Study on quality of ascorbic acid in moringa oleifera in Thai Nguyen city by high performance liquid chromatography method", Journal of Analytical Sciences No 2 (T24), pp. 9-13.
- [15]. **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.
- [16]. Phan Minh Tan, Hoang Thi Ly, Tran Thi Hang, Tran Quoc Toan, **Mai Thanh Nga** (2019) " Study on interaction between polyac Journal of Analytical Sciences, No. 3 Biology (T24), pp. 97-100 .

- [17]. **Mai Thanh Nga** , Nguyen Thi Thanh Huong, (2019) "Research on vitamin C content in leaf greens (*Sauropus androgynus* lam.) In Thai Nguyen city by high performance liquid chromatography" *Journal of Analytical Sciences*, No. 3 (T24) Tr52-54
- [18]. Nguyen Thi Thanh Huong, **Mai Thanh Nga** (2019) "Research on isolating epiafzelechin and epigallocatechin from tea by-products of commercial tea processing like *camellia sinensis* (L.) kuntze in Thai Nguyen" *Journal of Analytical Sciences*, No. 4 (T24), pp.69-72
- [19]. **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: “Determination of vitamin C content in moringa leaves (*Moringa oleifera*) in Thai Nguyen city by high-performance liquid chromatography. ”, CS2016-SP-12/HĐ-ĐHSP. Accepted in 2017

V. Published Books

- [1]. Pham Van Khang, Pham Van Thinh, Nguyen Thi Thanh Huong, **Mai Thanh Nga** (2018), “ natural compounds” Thai Nguyen University Publishing House

VI. Supervisor (Master)

No	Name	Degree	Training organization	Guidance year	Graduation year
1	Tong Thi Hoa Subject: Research on chemical composition of	Master	Thai Nguyen University	2017	2018

	wormwood (<i>Artemisia vulgaris</i> L.) distributed in Thai Nguyen city				
2	Bui Thi Sam Subject: Study on isolation and quantification of catechins from green tea buds in some areas of Thai Nguyen province	Master	Thai Nguyen University	2018	2019

VII. Honors and Awards

1. Emulation soldiers at grassroots in academic years 2005, 2006, 2007, 2008, 2010; 2011; 2013; 2014.
2. Medal for education in in 2018 . No. 3427 / QD / BGDDT, September 11, 2018.

Thai Nguyen, september 10, 2020

MAI THANH NGA