

Faculty Vitae

1. Full Name
- TRIEU Quoc-An - Full-time
2. Education
- Ph.D. in Materials Chemistry. <ul style="list-style-type: none">• Name of organization providing education and training: Institute of research on catalysis and the environment, Lyon (IRCELYON), Université Claude Bernard Lyon 1• Dates: 2015-2018.
- Master's degree in Analytical Chemistry. <ul style="list-style-type: none">• Name of organization providing education and training: Department of Analytical Chemistry, Faculty of Chemistry, Vietnam National University Ho Chi Minh City – University of Science.• Dates: 2011-2013.
- Bachelor's degree in Analytical Chemistry. <ul style="list-style-type: none">• Name of organization providing education and training: Department of Analytical Chemistry, Faculty of Chemistry, Vietnam National University Ho Chi Minh City – University of Science.• Dates: 2006-2010.
3. Academic experience
➤ Faculty of Environmental and Food Engineering, Nguyen Tat Thanh University, 300A Nguyen Tat Thanh Street, Ward 13, District 4, Ho Chi Minh City, Vietnam
- Position: Lecturer.
- Dates: 2019 – now.
➤ Institute of research on catalysis and the environment, Lyon (IRCELYON), Université Claude Bernard Lyon 1, 2 Avenue Albert Einstein, 69626 Villeurbanne, France.
- Position: Ph.D. Student
- Dates: 2015 – 2018.
➤ Department of Analytical Chemistry, Faculty of Chemistry, Vietnam National University Ho Chi Minh City – University of Science, 227 Nguyen Van Cu Street, Ward 4, District 5, Ho Chi Minh City, Vietnam.
- Position: Lecturer/Researcher.
- Dates: 2010 – 2015.
4. Non-academic experience
- 2010 – 2015: educator and trainer of programs for fostering laboratory management, knowledge, skills of Thu Dau Mot lecturers/researchers/technicians, and technicians at Nghi Son Refinery and Petrochemical LLC.
5. Certifications or professional registrations
- Certificate of completion of the course - Instrumentation for Analytical Chemistry
- Certificate of completion of the course - Basics of Hydrogeology and Groundwater Geochemistry
- Certificate of completion of the course - Salination in Coastal Aquifer - Monitoring, Understanding, and Managing
- Certificate of completion of the program on Nuclear Power
- Certificate of completion of the program on PCBs analysis
6. Membership in professional organizations
- Center for Statistics and Science and Technology Information of HoChiMinh City - CESTI
7. Honors and awards

- Programme de bourses France Excellence de l'Ambassade de France au Vietnam, 2015
8. Service activities
- Providing lectures & presentations in thematic seminars. - Instructing students in scientific research and community-oriented R&D.
9. Areas of research
- Nanomaterials synthesis and application. - Separation, Extraction, and Purification Technology. - Analytical Chemistry, Quality Control, and Quality Assurance.
10. Publications, presentations, creative works
International Journals:
- Bou Orm, N.; Trieu, Q.A. ; Daniele, S. TiO ₂ -Based Hybrid Nanocomposites Modified by Phosphonate Molecules as Selective PAH Adsorbents. <i>Molecules</i> 2018, 23, 3046. - Q.A. Trieu , S. Pellet-Rostaing, G. Arrachart, Y. Traore, S. Kimbel, S. Daniele, Interfacial study of surface-modified ZrO ₂ nanoparticles with thioctic acid for the selective recovery of palladium and gold from electronic industrial wastewater, <i>Separation and Purification Technology</i> , 237 (2020) 116353. - T.H. Bui, V.S. Pham, N. Thanh-Nho, Q.A. Trieu , Removal of Arsenic from Water Using a Composite of Iron–Manganese Oxide Incorporated Active Rice Husk Silica, <i>CLEAN – Soil, Air, Water</i> , 49 (2021) 2000233.
National Journals:
- T. Tran, D. Nguyen, H. Do, A. Trieu , D. Tran, V. Tran, N. Mai, Development of an Automated Sampling and Measurement Equipment to Determine the Greenhouse Gas Methane on the Waterair Surface of Urban Canals, <i>Science and Technology Development Journal - Natural Sciences (Vietnam National University, HCMC)</i> , 1 (2018) 149-162. - A. Trieu , M. Le, N. Nguyen, D. Nguyen, Preparation of Gold-Coated Sand for Ultratrace Mercury Analysis, <i>Science and Technology Development Journal (Vietnam National University, HCMC)</i> , 18 (2015) 211-220. - Trieu Quoc An , Tran Phuong Huy, Nguyen Van Dong, Methylmercury analysis in sediment samples using home-coupled gas chromatograph – atomic fluorescence detector system, <i>Science and Technology Development Journal (Vietnam National University, HCMC)</i> , 2013.
International Conferences:
- Quoc An TRIEU , Stéphane PELLET-ROSTAING, Guilhem ARRACHART, Youssouf TRAORE, Serge KIMBEL, Stéphane DANIELE, Adsorption study of thioctic acid-surface modified nano-ZrO ₂ via single and two-step modifications for palladium and gold extraction from electronic waste effluent, the 10th International Symposium ISSHAC-10 - Effect of Surface Heterogeneity in Adsorption, Catalysis, and related Phenomena, 2018, Lublin-Poland. - Trieu Quoc An , Tran Phuong Huy, Nguyen Van Dong, Methylmercury analysis in sediment samples using home-coupled gas chromatograph – atomic fluorescence detector system, <i>Regional Chemicals Management Forum</i> , 2013, Laos. - Trieu Quoc An , Tran Phuong Huy, Nguyen Van Dong, Methylmercury analysis in sediment samples using home-coupled gas chromatograph – atomic fluorescence detector system, <i>Analytica Conference</i> , 2013, Vietnam.
11. Professional development activities
- Participation in scientific conferences and workshops. - Principal investigator of projects.

- Participation in international programs and collaboration.

12. Teaching competence

- Fulfilling effectively teaching activities, including lecturing and improving teaching methods.
- Participating in the design of AUN-based teaching programs and syllabuses.
- Instructing students in scientific research.