

Hung Viet Pham



PHAM HUNG VIET (born: 01 August 1953)

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EDUCATIONAL RECORD

Diplom-chemist, Martin-Luther University, Halle, Germany, 1970-1975

Postgraduate Study, Department of Chemistry, Swiss Federal Institute of Technology Zurich, 1979-1980

Ph.D., Chemistry, Swiss Federal Institute of Technology Zurich, 1982-1987

PROFESSIONAL RECORD

- 1975 – 1988: Faculty of Chemistry, University of Hanoi - University Lecturer
- 1988 – 1993: Department of Technical Chemistry, Faculty of Chemistry, Assistant to Dean of Chemical Faculty for Scientific Research and International Relations - Head
- 1994-1997: Department of Chemical and Environmental Engineering, Hanoi University of Science, Vietnam - Head
- 2/1995-5/1995: Applied Chemometric in Environmental Chemistry at Queensland University of Technology, Brisbane, Australia - Visiting Professor
- 1996: Vietnam National University, Hanoi - Associate Professor
- 1997-2000: VSL Analytical Laboratory, Hanoi University of Science - Head
- 2003: Vietnam National University, Hanoi - Full Professor

- 2000-present: Research Centre of Environmental Technology and Sustainable Development (CETASD), VNU University of Science (HUS), Vietnam National University, Hanoi - Director
- 2016-present: VNU Key Laboratory of Analytical Technology for Environmental Quality and Food Safety Control - Director
- 2012: Kumamoto University, Japan - Visiting Professor
- 1996-present: Journal of Analytical Sciences - Member
- 2012-2013: Journal of Science, Vietnam National University, Hanoi - Editor-In-Chief
- 2014-2017: Japan Advanced Institute of Science and Technology - Visiting Professor
- 2004-2009: International advisory board to assess project applications submitted to International Research Center coordinated between the United Nations University (UNU) and Gwangju Institute of Science and Technology (GIST) in Korea – Member; International advisory board of International Joint Research Center on Persistent Toxic Substances (IJRC-PTS) at the University of Technology Harbin, China. – Member; International advisory board of Japan Ministry of Environment on persistent organic pollutants (POPs) - Expert
- 2009-present: Analytica Vietnam conference – the official international scientific conference parallel to the exhibition show of scientific equipment organized by IMAG - Co-Chairman

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

Language: Reading – Writing - Speaking

English: D – D - D

German: D – D - D

PUBLICATIONS

List of international articles (for the last ten years)

10	Go Suzuki, Masayuki Someya, Hidenori Matsukami, Nguyen Minh Tue, Natsuyo Uchida, Le Huu Tuyen, Pham Hung Viet, Shin Takahashi, Shinsuke Tanabe, Abraham Brouwer, Hidetaka Takigami	Comprehensive evaluation of dioxins and dioxin-like compounds in surface soils and river sediments from e-waste-processing sites in a village in northern Vietnam: Heading towards the environmentally sound management of e-waste	Emerging Contaminants, Vol.2(2),pp.98-108, ISSN: 2405-6650	2016	
11	Hidenori Matsukami,	Analysis of monomeric and	Emerging	2016	

	Go Suzuki, Nguyen Minh Tue, Le Huu Tuyen, Pham Hung Viet, Shin Takahashi, Shinsuke Tanabe, Hidetaka Takigami	oligomeric organophosphorus flame retardants in fish muscle tissues using liquid chromatography-electrospray ionization tandem mass spectrometry: Application to Nile tilapia (<i>Oreochromis niloticus</i>) from an e-waste processing area in northern Vietnam	Contaminants, Vol.2(2), pp.89-97, ISSN: 2405-6650		
12	Masayuki Someyaa, Go Suzuki, Alin C. Ionas, Nguyen Minh Tue, Fuchao Xu, Hidenori Matsukami, Adrian Covaci, Le Huu Tuyen, Pham Hung Viet, Shin Takahashi, Shinsuke Tanabe, Hidetaka Takigami	Occurrence of emerging flame retardants from e-waste recycling activities in the northern part of Vietnam	Emerging Contaminants Vol.2(2), pp. 58-65, ISSN: 2405-6650	2016	
13	Thanh Duc Mai, Minh Duc Le, Jorge Saiz, Hong Anh Duong, Israel Joel Koenka, Hung Viet Pham, Peter C. Hauser	Triple-channel portable capillary electrophoresis instrument with individual background electrolytes for the concurrent separations of anionic and cationic species	Analytica Chimica Acta 911, 121-128, ISSN: 0003-2670, (SCI)	2016	4.513
14	Elisabeth Eiche, Michael Berg, Sarah-Madeleine Hönig, Thomas Neumann, Vi Mai Lan, Thi Kim Trang Pham, Hung Viet Pham	Origin and availability of organic matter leading to arsenic mobilisation in aquifers of the Red River Delta, Vietnam	Applied Geochemistry doi:10.1016/j.apgeochem.2016.01.006, ISSN: 0883-2927, (SCI)	2016	2.268
15	Akifumi Eguchi, Kei Nomiyama, Nguyen Minh Tue, Pham Thi Kim Trang, Pham Hung Viet, Shin Takahashi, Shinsuke Tanabe	Residue profiles of organohalogen compounds in human serum from e-waste recycling sites in North Vietnam: Association with thyroid hormone levels	Environmental Research, Vol.137, pp. 440–449, ISSN 0013-9351, (SCI)	2015	4.134
16	Fang Tao, Hidenori Matsukami, Go Suzuki,	Emerging halogenated flame retardants and	Environmental Science: Processes & Impacts,	2015	2.171

	Nguyen Minh Tue, Pham Hung Viet, Hidetaka Takigami, Stuart Harrad	hexabromocyclododecanes in food samples from an e-waste processing area in Vietnam	Vol.18, pp.361-370 (SCI)		
17	Hong Anh Duong, Minh Duc Le, Kim Diem Mai Nguyen, Peter C. Hauser, Hung Viet Pham and Thanh Duc Mai	In-house-made capillary electrophoresis instruments coupled with contactless conductivity detection as a simple and inexpensive solution for water analysis: a case study in Vietnam.	Environmental Science: Processes & Impacts, Vol. 17 , No. 11, p. 1941-1951, ISSN: 2050-7887 (SCI)	2015	2.171
18	Hidenori Matsukami, Nguyen Minh Tue, Go Suzuki, Masayuki Someya, Le Huu Tuyen, Pham Hung Viet , Shin Takahashi, Shinsuke Tanabe, Hidetaka Takigami	Flame retardant emission from e-waste recycling operation in northern Vietnam: Environmental occurrence of emerging organophosphorus esters used as alternatives for PBDEs	Science of the Total Environment, Vol. 514, p.492-499, ISSN: 1879-1026 (E) (SCI)	2015	3.163
19	Nguyen Duc Cuong, Dinh Quang Khieu, Tran Thai Hoa, Duong Tuan Quang, Pham Hung Viet , Tran Dai Lam, Nguyen Duc Hoa, Nguyen Van Hieu	Facile synthesis of α -Fe ₂ O ₃ nanoparticles for high-performance CO gas sensor	Materials Research Bulletin, Vol. 68, p. 302-307, ISSN: 0025-5408, (SCI)	2015	1.968
20	Nguyen Kim Nga, Tran Thanh Hoai, Pham Hung Viet	Biomimetic scaffolds based on hydroxyapatite nanorod/poly(D, L) lactic acid with their corresponding apatite-forming capability and biocompatibility for bone-tissue engineering	Colloids and Surfaces B: Biointerfaces, Vol.128, p. 506-514 ISSN: 0927-7765 (SCIE)	2015	4.287
21	Katja Sonja Nitzsche, Vi Mai Lan, PhamThi KimTrang, Pham Hung Viet , Michael Berg, Andreas Voegelin, Britta Planer-Friedrich, Jan Zahoransky, Stefanie-Katharina Müller, James Martin Byrne,	Arsenic removal from drinking water by a household sand filter in Vietnam — Effect of filter usage practices on arsenic removal efficiency and microbiological water quality	Science of the Total Environment, Vol. 502, p. 526–536, ISSN: 1879-1026 (E) (SCI)	2015	3.163

	Christian Schröder, Sebastian Behrens, Andreas Kappler				
22	Mikiko Soejima, Tetsuro Agusa, Hisato Iwata, Junko Fujihara, Takashi Kunito, Haruo Takeshita, Vi Thi Mai Lan, Tu Binh Minh, Shin Takahashi, Pham Thi Kim Trang, Pham Hung Viet , Shinsuke Tanabe, Yoshiro Koda	Haptoglobin genotyping of Vietnamese: Global distribution of HPdel, complete deletion allele of the HP gene	Legal Medicine, Vol.17, Issue 1, p.14-16, ISSN: 0937- 9827 (SCI)	2015	1.441
23	Tuyen LH, Tue NM, Takahashi S, Suzuki G, Viet PH , Subramanian A, Bulbule KA, Parthasarathy P, Ramanathan A, Tanabe S	Methylated and unsubstituted polycyclic aromatic hydrocarbons in street dust from Vietnam and India: Occurrence, distribution and in vitro toxicity evaluation.	Environmental Pollution, Vol. 194, p. 272-280, ISSN: 0269-7491 (SCI)	2014	3.902
24	Nguyen Thi Hoa Mai, Dieke Postma, Pham Thi Kim Trang, Soren Jessen, Pham Hung Viet , Flemming Larsen	Adsorption and desorption of arsenic to aquifer sediment on the Red River floodplain at Nam Du, Vietnam	Geochimica et Cosmochimica Acta, Vol. 142, p. 587-600 ISSN: 0016-7037 (SCI)	2014	4.25
25	Do Phuc Tuyen, Do Phuc Quan, Nguyen Hai Binh, Nguyen Van Chuc, Tran Dai Lam, Le Trong Huyen, Nguyen Le Huy, Pham Hung Viet , Nguyen Thai Loc, Tran Quang Huy	A highly sensitive electrode modified with graphene, gold nanoparticles, and molecularly imprinted over- oxidized polypyrrole for electrochemical determination of dopamine	Journal of Molecular Liquids, Vol. 198, p. 307-312, ISSN: 0167- 7322 (SCI)	2014	2.083
26	Thi Thanh Thuy Pham, Thanh Duc Mai, Thanh Dam Nguyen, Jorge Saiz, Hung Viet Pham , Peter C. Hauser	Automated dual capillary electrophoresis system with hydrodynamic injection for the concurrent determination of cations and anions	Analytica Chimica Acta Vol.841, p. 77-83 ISSN: 0003-2670 (SCI)	2014	4.517
27	Nguyen Minh Tue, KanaKatsura, Go Suzuki, Le Huu Tuyen,	Dioxin-related compounds in breast milk of women from Vietnamese e-waste	Ecotoxicology and Environmental Safety 106, p. 220–225	2014	2.482

	Takumi Takasuga, Shin Takahashi, Pham Hung Viet , Shinsuke Tanabe	recycling sites: Levels, toxic equivalents and relevance of non-dietary exposure	ISSN: 0147-6513 (SCI)		
28	Le Huu Tuyen, Nguyen Minh Tue, Go Suzuki, Kentaro Misaki, Pham Hung Viet , Shin Takahashi, Shinsuke Tanabe	Aryl hydrocarbon receptor mediated activities in road dust from a metropolitan area, Hanoi—Vietnam: Contribution of polycyclic aromatic hydrocarbons (PAHs) and human risk assessment	Science of the Total Environment Vol. 491-492, p. 246-254 ISSN: 0048-9697 (SCI)	2014	3.163
29	J. Pucher, T. Gut, R. Mayrhofer, M. El-Matbouli, P. H. Viet , N. T. Ngoc, M. Lamers, T. Streck, U. Focken	Pesticide-contaminated feeds in integrated grass carp aquaculture: toxicology and bioaccumulation	Diseases of Aquatic Organisms, Vol. 108: 137–147, ISSN: 0177-5103	2014	1.73
30	Joon-Woo Kim, Tomohiko Isobe, Mamoru Muto, Nguyen Minh Tue, Kana Katsura, Govindan Malarvannan, Agus Sudaryantoe, Kwang-Hyeon Chang, Maricar Prudente, Pham Hung Viet , Shin Takahashi, Shinsuke Tanabe	Organophosphorus flame retardants (PFRs) in human breast milk from several Asian countries	Chemosphere, Vol. 116, p. 91-97 ISSN: 0045-6535 (SCI)	2014	3.137
31	Nguyen Kim Nga, Luu Truong Giang, Tran Quang Huy, Pham Hung Viet , Claudio Migliaresi	Surfactant-assisted size control of hydroxyapatite nanorods for bone tissue engineering	Colloids and Surfaces B: Biointerfaces, Vol. 116, p. 666-673. ISSN: 0927-7765 (SCI)	2014	3.554
32	Tetsuro Agusa, Pham Thi Kim Trang, Vi Mai Lan, Duong Hong Anh, Shinsuke Tanabe, Pham Hung Viet , Michael Berg	Human exposure to arsenic from drinking water in Vietnam.	Science of The Total Environment Vol. 488–489, p. 562–569 ISSN: 0048-9697 (SCI)	2013	3.258
33	Takako Noguchi, Takaaki Itai, Nguyen Minh Tue, Tetsuro Agusa, Nguyen Ngoc Ha, Sawako Horai,	Exposure assessment of lead to workers and children in the battery recycling craft village, Dong Mai, Vietnam.	Journal of Material Cycles and Waste Management Vol. 16 Issue 1, p46-51 ISSN: 1611-8227 (E)	2013	0.568

	Pham Thi Kim Trang, Pham Hung Viet , Shin Takahashi, Shinsuke Tanabe.		(SCIE)		
34	Alexander van Geen, Benjamin C. Bostick, Pham Thi Kim Trang, Vi Mai Lan, Nguyen Ngoc Mai, Phu Dao Manh, Pham Hung Viet , Kathleen Radloff, Zahid Aziz, Jacob L. Mey, Mason O. Stahl, Charles F. Harvey, Peter Oates, Beth Weinman, Caroline Stengel, Felix Frei, Rolf Kipfer & Michael Berg.	Retardation of arsenic transport through a Pleistocene aquifer.	Nature. Vol. 501, p. 204-207. ISSN: 0028-0836, (SCI)	2013	38.597
35	Nguyen Minh Tue, Shin Takahashi, Go Suzuki, Tomohiko Isobe, Pham Hung Viet , Yuso Kobara, Nobuyasu Seike, Gan Zhang, Agus Sudaryanto, Shinsuke Tanabe.	Contamination of indoor dust and air by polychlorinated biphenyls and brominated flame retardants and relevance of non-dietary exposure in Vietnamese informal e-waste recycling sites.	Environment International, Vol. 51, p. 160–167, ISSN: 0160-4120, (SCI)	2013	6.122
36	Nguyen Xuan Viet, Miyuki Chikae, Yoshiaki Ukita, Kenzo Maehashi, Kazuhiko Matsumoto, Eiichi Tamiya, Pham Hung Viet , Yuzuru Takamura.	Gold-linked electrochemical immunoassay on single-walled carbon nanotube for highly sensitive detection of human chorionic gonadotropin hormone.	Biosensors and Bioelectronics 42, p. 592–597, ISSN : 0956-5663, (SCI)	2013	5.437
37	Akiko Shimizu, Hideshige Takada, Tatsuya Koike, Ayako Takeshita, Mahua Saha, Rinawati, Norihide Nakada, Ayako Murata, Tokuma Suzuki, Satoru Suzuki, Nguyen H. Chiem, Bui Cach Tuyen, Pham Hung	Ubiquitous occurrence of sulfonamides in tropical Asian waters.	Science of the Total Environment 452-453,108–115, ISSN: 0048-9697, (SCI)	2013	3.789

	Viet, Maria Auxilia Siringan, Charita Kwan, Mohamad P. Zakaria, Alissara Reungsang.				
38	Akifimi Eguchi, Tomohiko Isobe, Karri Ramu, Nguyen Minh Tue, Agus Sudaryanto, Gnanasekaran Devanathan, Pham Hung Viet , Rouch Seang Tana, Shin Takahashi, Annamalai Subramanian, Shinsuke Tanabe.	Soil contamination by brominated flame retardants in open waste dumping sites in Asian developing countries.	Chemosphere 90, 2365– 2371, ISSN: 0045-6535, (SCI)	2013	3.634
39	Joon-Woo Kim & Nguyen Minh Tue & Tomohiko Isobe & Kentaro Misaki & Shin Takahashi & Pham Hung Viet & Shinsuke Tanabe.	Contamination by perfluorinated compounds in water near waste recycling and disposal sites in Vietnam.	Environmental Monitoring and Assessment, 185:2909– 2919, ISSN: 0167-6369, (SCI)	2013	1.4
40	Tung Xuan Bui, Viet Hung Pham , Son Thanh Le, Heechul Choi.	Adsorption of pharmaceuticals onto trimethylsilylated mesoporous SBA-15.	Journal of Hazardous Materials, Vol. 254– 255, p. 345–353, ISSN: 0304-3894, (SCI)	2013	4.679
41	Thanh Duc Mai, Thi Thanh Thuy Pham, Hung Viet Pham , Jorge Saiz, Carmen García Ruiz, and Peter C. Hauser.	Portable Capillary Electrophoresis Instrument with Automated Injector and Contactless Conductivity Detection.	Analytical Chemistry, 85 (4), 2333–2339, ISSN 0003-2700, (SCI)	2013	5.695
42	Mikiko Soejima, Ryo Fujimoto, Tetsuro Agusa, Hisato Iwata, Junko Fujihara, Haruo Takeshita, Tu Binh Minh, Pham Thi Kim Trang, Pham Hung Viet , Tamiko Nakajima, Joji Yoshimoto, Shinsuke Tanabe, Yoshiro Koda.	Genetic variation of FUT2 in a Vietnamese population: identification of two novel Se enzyme-inactivating mutations.	Transfusion, 52(6):1268-75. ISSN: 1537-2995, (SCI)	2012	3.526

43	Haruhiko Nakata, Ryu-Ichi Shinohara, Yusuke Nakazawa, Tomohiko Isobe, Agus Sudaryanto, Annamalai Subramanian, Shinsuke Tanabe, Mohamad Pauzi Zakaria, Gene J. Zheng, Paul K.S. Lam, Eun Young Kim, Byung-Yoon Min, Sung-Ug We, Pham Hung Viet , Touch Seang Tana, Maricar Prudente, Donnell Frank, Gunnar Lauenstein, Kurunthachalam Kannan.	Asia–Pacific mussel watch for emerging pollutants: Distribution of synthetic musks and benzotriazole UV stabilizers in Asian and US coastal waters.	Marine Pollution Bulletin, Vol. 64, p. 2211–2218. ISSN: 0025-326X (SCI)	2012	2.531
44	Agusa T, Kunito T, Tue NM, Lan VT, Fujihara J, Takeshita H, Minh TB, Trang PT, Takahashi S, Viet PH , Tanabe S, Iwata H.	Individual variations in arsenic metabolism in Vietnamese: the association with arsenic exposure and GSTP1 genetic polymorphism.	Metallogenics, Vol. 4(1), p. 91-100, ISSN: 1756-591X, (SCI)	2012	4.099
45	Søren Jessen, Dieke Postma, Flemming Larsen, Pham Quy Nhan, Le Quynh Hoa, Pham Thi Kim Trang, Tran Vu Long, Pham Hung Viet , Rasmus Jakobsen.	Surface complexation modeling of groundwater arsenic mobility: Results of a forced gradient experiment in a Red River flood plain aquifer, Vietnam.	Geochimica et Cosmochimica Acta, 98:186–201. ISSN: 0016-7037, (SCI)	2012	3.884
46	Nguyen Hoang Tung, Miyuki Chikae, Yoshiaki Ukita, Pham Hung Viet , and Yuzuru Takamura.	Sensing Technique of Silver Nanoparticles as Labels for Immunoassay Using Liquid Electrode Plasma Atomic Emission Spectrometry.	Analytical Chemistry, Vol. 84, p. 1210-1213, ISSN: 0003-2700, (SCI)	2012	5.874
47	Nguyen Xuan Viet, Yoshiaki Ukita, Miyuki Chikae, Yasuhide Ohno, Kenzo Maehashi, Kazuhiko Matsumoto, Pham	Fabrication of new single-walled carbon nanotubes microelectrode for electrochemical sensors application.	Talanta, Vol. 91, p. 88–94, ISSN: 0039-9140. (SCI)	2012	3.733

	Hung Viet , Yuzuru Takamura.				
48	Thanh Duc Mai, Benjamin Bomastyk, Hong Anh Duong, Hung Viet Pham , Peter C. Hauser.	Automated capillary electrophoresis with on-line preconcentration by solid phase extraction using a sequential injection manifold and contactless conductivity detection.	Analytica Chimica Acta Vol. 727, p. 1–7, ISSN: 0003-2670, (SCI)	2012	4.387
49	Yoshihisa Kohno & Hideyuki Matsumura & Makoto Miwa & Tetsushi Yonekura & Keiji Aihara & Chanin Umponstira & Vo Thanh Le & Nguyen Thuy Ngoc & Pham Hung Viet & Ma Wei.	Indirect prediction of surface ozone concentration by plant growth responses in East Asia using mini-open top chambers.	Environmental Monitoring and Assessment 185(3): 2755-65, ISSN: 0167-6369, (SCI)	2012	1.4
50	Dieke Postma, Flemming Larsen, Nguyen Thi Thai, Pham Thi Kim Trang, Rasmus Jakobsen, Pham Quy Nhan, Tran Vu Long, Pham Hung Viet and Andrew S. Murray.	Groundwater arsenic concentrations in Vietnam controlled by sediment age.	Nature Geoscience 5, 656–661, ISSN: 1752-0894, (SCI)	2012	12.367
51	Nguyen Ba Trung, Hiroyuki Yoshikawa, Eiichi Tamiya, Pham Hung Viet , Yuzuru Takamura, and Tsuyoshi Ashahi.	Propitious Immobilization of Gold Nanoparticles on Poly(dimethylsiloxane) Substrate for Local Surface Plasmon Resonance Based Biosensor .	Japanese Journal of Applied Physics, Vol. 51, 037001-6, (SCIE)	2012	1.06
52	Lenny H. E. Winkel, Pham Thi Kim Trang, Vi Mai Lan, Caroline Stengel, Manouchehr Amini, Nguyen Thi Ha, Pham Hung Viet , and Michael Berg.	Arsenic pollution of groundwater in Vietnam exacerbated by deep aquifer exploitation for more than a century.	Proceeding of National Academy of Science (PNAS), Vol. 108 (4), p. 1246-1251, ISSN: 0027-8424, (SCI)	2011	9.737
53	Phan Thi Phuong Hoa, Satoshi Managaki, Norihide Nakada,	Antibiotic contamination and occurrence of antibiotic-resistant bacteria in aquatic	Science of the Total Environment, Volume 409, No. 15, p. 2894-	2011	3.789

	Hideshige Takada, Akiko Shimizu, Duong Hong Anh, Pham Hung Viet , Satoru Suzuki.	environments of northern Vietnam.	2901, ISSN: 0048-9697, (SCI)		
54	Hiroyuki Takaru, Satoru Suzuki, Alissara Reungsang and Pham Hung Viet .	Fluoroquinolone (FQ) Contamination Does Not Correlate with Occurrence of FQ-Resistant Bacteria in Aquatic Environments of Vietnam and Thailand.	Microbes and Environments, Vol. 26, No. 2, p. 135-143, ISSN: 1342-6311, (SCIE)	2011	2.444
55	Pham Manh Hoai, Zita Sebesvari, Tu Binh Minh, Pham Hung Viet , Fabrice G. Renaud.	Pesticide pollution in agricultural areas of Northern Vietnam: Case study in Hoang Liet and Minh Dai communes.	Environmental Pollution 159, p. 3344-3350, ISSN: 0269-7491, (SCI)	2011	4.094
56	Do Phuc Quan; Do Phuc Tuyen; Tran Dai Lam; Phan Thi Ngoc Tram; Nguyen Hai Binh; & Pham Hung Viet .	Electrochemically Selective Determination Of Dopamine In The Presence Of Ascorbic And Uric Acids On The Surface Of The Modified Nafion/single Wall Carbon Nanotube/poly(3-methylthiophene) Glassy Carbon Electrodes.	Colloids and Surfaces B-Biointerfaces, Vol. 88, p764-770 ISSN: 0927-7765, (SCI)	2011	3.554
57	Pham Manh Hoai, Nguyen Thuy Ngoc, Nguyen Hung Minh, Pham Hung Viet , Michael Berg, Alfredo C. Alder, Walter Giger.	Recent levels of organochlorine pesticides and polychlorinated biphenyls in sediments of the sewer system in Hanoi, Vietnam.	Environmental Pollution, Vol. 158, No. 3, p. 913-920, ISSN: 0269-7491, (SCI)	2010	4.094
58	Nguyen Minh Tue, Agus Sudaryanto, Tu Binh Minh, Tomohiko Isobe, Shin Takahashi, Pham Hung Viet , Shinsuke Tanabe.	Accumulation of polychlorinated biphenyls and brominated flame retardants in breast milk from women living in Vietnamese e-waste recycling sites.	Science of the Total Environment, Vol. 408, p. 2155–2162, ISSN: 0048-9697, (SCI)	2010	3.789
59	Dieke Postma, Søren Jessen, Nguyen Thi Minh Hue, Mai Thanh Duc, Christian Bender Koch, Pham Hung Viet .	Mobilization of arsenic and iron from Red River 3 floodplain sediments, Vietnam.	Geochimica et Cosmochimica Acta, Vol. 74, No. 12, p. 3367-3381, ISSN: 0016-	2010	3.884

	Viet, Pham Quy Nhan, Flemming Larsen.		7037, (SCI)		
60	Tetsuro Agusa, Hisato Iwata, Junko Fujihara, Takashi Kunito, Haruo Takeshita, Tu Binh Minh, Pham Thi Kim Trang, Pham Hung Viet , Shinsuke Tanabe,	Genetic polymorphisms in glutathione S-transferase (GST) superfamily and arsenic metabolism in residents of the Red River Delta, Vietnam.	Toxicology and Applied Pharmacology, Vol. 242, p. 352–362, ISSN: 0041-008X, (SCI)	2010	3.975
61	Nguyen Ba Trung, Masato Saito, Haruo Takabayashi, Pham Hung Viet , Eiichi Tamiya, Yuzuru Takamura.	Multi-chamber PCR chip with simple liquid introduction utilizing the gas permeability of polydimethylsiloxane.	Sensors and Actuators B: Chemical, Vol. 149, No. 1, p. 284-290, ISSN: 0925-4005, (SCI)	2010	3.535
62	Nguyen Minh Tue, Agus Sudaryanto, Tu Binh Minh, Bui Hong Nhat, Tomohiko Isobe, Shin Takahashi, Pham Hung Viet , Shinsuke Tanabe.	Kinetic differences of legacy organochlorine pesticides and polychlorinated biphenyls in Vietnamese human breast milk.	Chemosphere, Vol. 81, p. 1006-1011, ISSN: 0045-6535, (SCI)	2010	3.559
63	Nguyen M. Tue, Go Suzuki, Shin Takahashi, Tomohiko Isobe, Pham T. K.Trang, Pham H. Viet , and Shinsuke Tanabe.	Evaluation of dioxin-like activities in settled house dust from Vietnamese e-waste recycling sites: Relevance of polychlorinated/brominated dibenzo-p-dioxin/furans and dioxin-like PCBs.	Environmental Science & Technology, Vol 944 (23), pp 9195–9200, ISSN: 0013-936X, (SCI)	2010	4.825
64	Tetsuro Agusa, Takashi Kunito, Reiji Kubota, Suguru Inoue, Junko Fujihara, Tu Binh Minh, Nguyen Ngoc Ha, Nguyen Phuc Cam Tu, Pham Thi Kim Trang, Chhoun Chamnan, Haruo Takeshita, Hisato Iwata, Bui Cach Tuyen, Pham Hung Viet , Touch Seang Tana, and	Exposure, Metabolism, and Health Effects of Arsenic in Resident from Arsenic-Contaminated Groundwater Areas of Vietnam and Cambodia: A Review.	Reviews on Environmental Health, Vol. 25, No. 3, p. 193-220, ISSN: 0048-7554	2010	

	Shinsuke Tanabe.				
65	Tetsuro Agusa, Takashi Kunito, Tu Binh Minh, Pham Thi Kim Trang, Hisato Iwata, Pham Hung Viet , Shinsuke Tanabe.	Relationship of urinary arsenic metabolites to intake estimates in residents of the Red River Delta, Vietnam.	Environmental Pollution, 157, 396-403, ISSN: 0269-7491, (SCI)	2009	3.73
66	Van Anh Nguyen, Sunbaek Bang, Pham Hung Viet , Kyoung-Woong Kim.	Contamination of groundwater and risk assessment for arsenic exposure in Ha Nam province, Vietnam.	Environment International, 35, 466-472, ISSN: 0160-4120, (SCIE)	2009	6.248
67	Tetsuro Agusa, Hisato Iwata, Junko Fujihara, Takashi Kunito, Haruo Takeshita, Tu Binh Minh, Pham Thi Kim Trang, Pham Hung Viet , Shinsuke Tanabe.	Genetic polymorphisms in AS3MT and arsenic metabolism in residents of the Red River Delta, Vietnam.	Toxicology and Applied Pharmacology, 236, 131-141, ISSN: 0041-008X, (SCI)	2009	3.975
68	Tetsuro Agusa, Suguru Inoue, Takachi Kunito, Tu Binh Binh, Nguyen Ngoc Ha, Nguyen Phuc Cam Tu, Pham Thi Kim Trang, Hisato Iwata, Pham Hung Viet , Bui Cach Tuyen and Shinsuke Tanabe.	Human exposure to arsenic from groundwater in the Red River and Mekong River Deltas in Vietnam.	International Journal of Environmental Studies, Vol. 66, No. 1, p. 49-57 ISSN: 1029-0400 (E)	2009	
69	Vu Thi Huong, Toshinori Shimanouchi, Do Phuc Quan, Hiroshi Umakoshi, Pham Hung Viet , Ryoichi Kuboi.	Polymethylthiophene/Nafion-modified glassy carbon electrode for selective detection of dopamine in the presence of ascorbic acid.	Journal of Applied Electrochemistry, Vol. 39, No. 10, p. 2035-2042, ISSN: 0021-891X, (SCI)	2009	1.54
70	Annika Björn, Steven J. Rowland, Richard C. Thompson, Tamara S. Galloway, Rei Yamashita, Emma L. Teuten, Jovita M. Saquing, Detlef R. U. Knappe, Morton A. Barlaz, Susanne Jonsson, Daisuke Ochi,	Transport and release of chemicals from plastics to the environment and to wildlife.	Philosophical Transactions of the Royal Society B 2009, Vol. 364, No. 1526, p. 2027-2045, Online ISSN: 1471-2970, (SCI)	2009	6.23

	Yutaka Watanuki, Charles Moore, Pham Hung Viet , Touch Seang Tana, Maricar Prudente, Ruchaya Boonyatumanond, Mohamad P. Zakaria, Kongsap Akkhavong, Yuko Ogata, Hisashi Hirai, Satoru Iwasa, Kaoruko Mizukawa, Yuki Hagino, Ayako Imamura, Mahua Saha and Hideshige Takada.				
71	Thanh Duc Mai, Hung Viet Pham , Peter C. Hauser.	Capillary electrochromatography with contactless conductivity detection for the determination of some inorganic and organic cations using monolithic octadecylsilica columns.	Analytica Chimica Acta, Vol. 653, No. 2, p. 228-233, ISSN: 0003-2670, (SCI)	2009	4.387
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94	Berg M, Luzi S, Giger W, Trang PTK, Viet PH , Suben D.	Response to comment on "Arsenic removal from groundwater by household sand filters: Comparative field study, model calculations, and health benefits".	Environmental Science & Technology, 41, 1053-1053, ISSN: 0013-936X (SCI)	2007	5.257
95	Kishida M, Imamura K, Maeda Y, Lan TTN, Thao NTP, Viet PH .	Distribution of persistent organic pollutants and polycyclic aromatic hydrocarbons in sediment samples from Vietnam.	Journal of Health Science, 53, 291-301, ISSN: 1344-9702 (SCI)	2007	0.81

List of presentations at the international conference (for the last ten years)

No.	Authors	Presentation	Conference	Year
1	Pham Hung Viet	Determination of environmental pollution	The APMP 2016 international	2016

		caused by organic hazardous substances in Vietnam and the quality assurance during the analytical process correspondingly	symposium "Metrology - Improving the Quality and Safety of Human life", November 16, 2016, Danang, Vietnam	
2	D. Postma, F. Larsen, R. Jakobsen, H.U. So, J. Kazmierczak, P.T.K.Trang, V.M. Lan, P.H. Viet , H.V. Hoan, D.T. Trung & P.Q.Nhan	On the spatial variation of arsenic in groundwater of the Red River floodplain, Vietnam	Arsenic research and global sustainability (As 2016), 19-23 June 2016, Stockholm, Sweden, p. 3-4	2016
3	J. Kazmierczak, F. Larsen, R. Jakobsen, D. Postma, H.U. So, H.V. Hoan, D.T. Trung, P.Q.Nhan, A.E. Hass, A.H. Hoffmann, P.T.K.Trang, V.M. Lan & P.H. Viet	Recent flow regime and sedimentological along the Mekong River, Vietnam	Arsenic research and global sustainability (As 2016), 19-23 June 2016, Stockholm, Sweden, p. 72-73	2016
4	R. Jakobsen, D. Postma, J. Kazmierczak, H.U. So, F. Larsen, P.T.K. Trang, V.M. Lan, P.H. Viet , H.V. Hoan, D.T. Trung & P.Q. Nhan	Geochemical reactive transport modeling in "4D" of groundwater arsenic distribution in a non-static developing fluvial sediment aquifer system-feasibility study based on the upper part of the Red River, Vietnam	Arsenic research and global sustainability (As 2016), 19-23 June 2016, Stockholm, Sweden, p. 153-154	2016
5	Pham Hung Viet	Implemented activities of Vietnam in phase 6 (2013-2015) in frame of UNU project "Monitoring and management of POP in Asia" with target perfluorinated compounds in water	Environmental Monitoring and Governance in the Asian Coastal Hydrosphere Monitoring and Management of POPs in Asia. 12-13 November 2015, Singapore	2015
6	Hung Viet PHAM , Thanh Duc MAI, Hong Anh DUONG	Purpose-made instrumentation and methodology development based on	RSC Tokyo International Conference 2015,	2015

		capillary electrophoresis with contactless conductivity detection as a simple and inexpensive solution for water analysis	Sept,3-4,2015, Chiba City, Japan, p. 19-22. Plenary talk	
7	Hoang Quoc Anh, Tran Thi Lieu, Tran Manh Tri, Pham Thi Ngoc Mai, Ta Thi Thao, Duong Hong Anh, Nguyen Anh Tuan, Pham Hung Viet , Tu Binh Minh	Inventory and Contamination Assessment of Emerging POPs in Vietnam	The international Symposium on Environmental Risk Assessment and Management of POPs/PCBs (ERAM-POPS), Hanoi, May 22, 2015, p. 31-32	2015
8	Pham Hung Viet , Le Huu Tuyen, Duong Hong Anh, Nguyen Thuy Ngoc, Nguyen Thu Huong, Phung Thi Vi	A preliminary of Perfluorinated chemicals in surface water from metropolitan area and trade villages in Vietnam	The international Symposium on Environmental Risk Assessment and Management of POPs/PCBs (ERAM-POPS), Hanoi, May 22, 2015, p. 86-88	2015
9	Le Huu Tuyen, Nguyen Minh Tue, Go Suzuki, Kentaro Misaki, Pham Hung Viet , Shin Takahashi, Shinsuke Tanabe	Toxicity identification and evaluation of Dioxin-related compounds and other Aryl hydrocarbon receptor agonists in road dust from Vietnam	The international Symposium on Environmental Risk Assessment and Management of POPs/PCBs (ERAM-POPS), Hanoi, May 22, 2015, p.105-106	2015
10	Pham Hung Viet , Duong Hong Anh, Nguyen Thuy Ngoc, Phung Thi Vi, Nguyen Thu Huong	Contamination by perfluorinated in municipal wastewater from drainage system in Hanoi, Vietnam	analytica Vietnam Conference 2015, Ho Chi Minh, April 15-16, 2015, p. 90-95	2015
11	Pham Hung Viet , Duong Hong Anh, Nguyen Thuy Ngoc, Phung Thi Vi, Nguyen Thu Huong	Contamination by perfluorinated in municipal wastewater from drainage system in Hanoi, Vietnam	International Conference of Asian Environmental Chemistry, ICAEC-2014	2014
12	Pham Hung Viet and Tu Binh Minh	Vietnam - Japan two decade collaboration in environmental research and development:	Hội nghị Hiệu trưởng các trường Đại học Kobe-Kyoto-Osaka, Hà Nội,	2013

		Results and perspectives	21/12/2013	
13	Pham Hung Viet , Pham Thi Kim Trang, Vi Thi Mai Lan, Michael Berg, Dieke Postma, Flemming Larsen, Lex van Geen	Arsenic contaminated groundwater in the Red River Delta, Vietnam	The Twelfth Asian Conference on Analytical Sciences (ASIANALYSIS XII), Fukuoka – Japan, 22- 24/8/2013, keynote lecture	2013
14	Nguyen Ba Trung, Pham Hung Viet , E.Tamiya.	Microfluidics for screening organophosphate pesticides based on acetylcholinesterase inhibition	analytica Vietnam Conference 2013, Ho Chi Minh, April 17-18, 2013, p. 11-16	2013
15	Le Huu Tuyen, Nguyen Minh Tue, Go Suzuki, Kentaro Misaki, Pham Hung Viet , Shin Takahashi, Shinsuke Tanabe.	Effect-directed analysis of polycyclic aromatic hydrocarbons (PAHs) in road dust collected from hanoi- Vietnam	analytica Vietnam Conference 2013, Ho Chi Minh, April 17-18, 2013, p. 79-82	2013
16	Pham Thi Kim Trang, Vi Thi Mai Lan, Pham Hung Viet , Tran Hoang Mai.	Manganese in tube well water in the Red River Delta, Vietnam and its accumulation in human hair	analytica Vietnam Conference 2013, Ho Chi Minh, April 17-18, 2013, p. 95-99	2013
17	Nguyen Thi Hoa Mai, Pham Thi Kim Trang, Cao Thi Mai Trang, Nguyen Thi Thu Trang, Hoang Thi Tuoi, Nguyen Nhu Khue, Pham Hung Viet , Dieke Postma.	Study on flushing of arsenic by deep aquifer exploitation at Nam Du – Hoang Mai – Hanoi	analytica Vietnam Conference 2013, Ho Chi Minh, April 17-18, 2013, p. 141-146	2013
18	Ta Thi Thu Thuy, Mai Vinh Quang, Nguyen Thanh Chung, Nguyen Thi Hue, Nguyen Thi Hoai Tram, Pham Hung Viet .	Improvement of doxorubicin production of streptomyces peuceetius mutant generated by manganese treatment	analytica Vietnam Conference 2013, Ho Chi Minh, April 17-18, 2013, p. 260-266	2013
19	Do Phuc Tuyen, Do Phuc Quan, Nguyen Hai Binh, Nguyen Van Chuc, Nguyen Van Tu, Tran Dai	Gold nanoparticles incorporated molecularly imprinted over-oxidized polypyrrole modified glassy carbon electrode for sensitive	analytica Vietnam Conference 2013, Ho Chi Minh, April 17-18, 2013, p. 267-274	2013

	Lam, Le Trong Huyen, Nguyen Van Anh, Tu Vong Nghi, Pham Hung Viet.	and selective determination of dopamine		
20	Binh Hai Nguyen, My Thanh Nguyen, Tu Van Nguyen, Chuc Van Nguyen, Dung Tuan Nguyen, Tam Thanh T. Ngo, Quan Phuc Do, Nguyen Van Anh, Ha Hong Cao, Quang Van Hoang, Thong Dinh Tran, Viet Hung Pham , Minh Ngoc Phan, Phuc Xuan Nguyen, Elisabeth Dufour-Gergam, Lam Dai Tran.	Design of label-free, graphene-polyaniline based electrochemical immunosensor for atrazine determination	analytica Vietnam Conference 2013, Ho Chi Minh, April 17-18, 2013, p. 275-282	2013
21	Thanh Duc Mai, Thi Thanh Thuy Pham, Hong Anh Duong, Peter C. Hauser, Hung Viet Pham.	Capillary electrophoresis with contactless conductivity detection: an efficient and inexpensive solution for routine analysis, portable and monitoring applications	analytica Vietnam Conference 2013, Ho Chi Minh, April 17-18, 2013, p. 237-242	2013
22	Norra S., Berner Z., Boie I., Eiche E., Kellermeier E.C., Kizcka M., Kramar U., Neidhardt H., Agarwala P., Chandrasekharam D., Rout R., Guo H., Tang X., Lan V.T.M., Trang P.T.K., Viet P.H.	Arsenic from groundwater into soils, plants and the food chain: Complementary case studies from West Bengal, Inner Mongolia and the Red River Delta, Vietnam.	Proceeding of: 4th International Congress on Arsenic in the Environment, As 2012, At Cairns, QLD, p. 246-248	2012
23	Nguyen Minh Tue, Takahashi Shin, Suzuki Go, Isobe Tomohiko, Pham Thi Kim Trang, Tanabe Shinsuke and Pham	Human exposure to brominated flame retardants and dioxin-related compounds in Vietnamese e-waste recycling sites	analytica Vietnam Conference 2011, Ho Chi Minh, April 7-8, 2011, p. 82-88	2011

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24	Vi Thi Mai Lan, Pham Thi Kim Trang, Nguyen Thu Trang, Hoang Thi Tuoi, Nguyen Ngoc Mai, Stefan Norra, Pham Hung Viet	Arsenic accumulation in hair and nails of people exposed to arsenic through groundwater drinking pathway in Red river delta: Case study at Mai Dong village	analytica Vietnam Conference 2011, Ho Chi Minh, April 7-8, 2011, p. 89-93	2011
25	Duong Hong Anh, Nguyen Hoang Tung, Nguyen Minh Duc, Pham Hung Viet	The PAH composition of surface sediments and sediment cores from Ba Lat area, a major estuary of Red river, Northern Vietnam	analytica Vietnam Conference 2011, Ho Chi Minh, April 7-8, 2011, p. 98-102	2011
26	Duong Hong Anh, Nguyen Thi Thu Ha, Truong Thi Kim, Le Huu Tuyen, Pham Hung Viet	Atmospheric polycyclic aromatic hydrocarbons (PAHs) at Bavi - a background site in the north of Vietnam	analytica Vietnam Conference 2011, Ho Chi Minh, April 7-8, 2011, p. 154-158	2011
27	Do Phuc Tuyen, Phan Ngoc Tram, Nguyen Phuong Ha, Do Phuc Quan, Pham Hung Viet	Electrochemical determination of dopamine in the presence of ascorbic and uric acids on the surface of the glassy carbon electrode modified by a bilayer of poly(3-methylthiophene and single wall carbon nanotubes	analytica Vietnam Conference 2011, Ho Chi Minh, April 7-8, 2011, p. 229-237	2011
28	Do Phuc Quan, Nguyen Minh Tue, Nguyen Phuong Ha, Pham Hung Viet	Polymethylmetacrylate membrane based ion-selective sensor as potentiometric detector in a flow-injection system for environmental monitoring,	analytica Vietnam Conference 2011, Ho Chi Minh, April 7-8, 2011, p. 290-296	2011
29	Nguyen Hung Minh, Tu Binh Binh, Tatsuya Kunisue, Hisato Iwata, Shin Takahashi, Bui Cach Tuyen, Shinsuke Tanabe and Pham Hung Viet	Contamination and Temporal Trend of Persistent Organic Pollutants and BFRs in Sediments of Sai Gon - Dong Nai River and Relevant Coastal Zone.	First International Workshop on Environment, Energy and Innovative Technology in Minamata, Kumamoto University Japan, Oct. 29-30, 2010, p. 92-98.	2010
30	Pham Hung Viet	Human Exposure to Brominated Flame Retardants	The 2nd Riskcycle Workshop on Risk of	2010

		and Dioxin-Related Compounds in Vietnamese E-waste Recycling Sites.	chemical additives and recycled materials, Shenyang, China, 15-19th November, 2010	
31	V.T.M. Lan, P.T.K. Trang, N.T.M. Hue, D.M. Phu, T.T. Hao, B.H. Nhat, N.T. Hoa, L.Q. Hoa, P. H. Viet	Practical consideration for the applicability of test kits for arsenic surveillance in Vietnam	analytica Vietnam Conference 2009, Hanoi, 19-20/03/2009, p. 4.	2009
32	Do Phuc Quan, Nguyen Minh Tue, Bui The Toan, Pham Hung Viet	Development of a solid-contact cadmium ion-selective electrode for the detection of cadmium at nanomolar level	analytica Vietnam Conference 2009, Hanoi, 19-20/03/2009, p. 7.	2009
33	Pham Thi Thanh Thuy, Nguyen Thi Anh Huong, Pham Hung Viet	Optimization for the determination of As (V) in groundwater by portable capillary electrophoresis with contactless conductivity detection	analytica Vietnam Conference 2009, Hanoi, 19-20/03/2009, p. 14.	2009
34	Duong Hong Anh, Nguyen Thuy Ngoc, Pham Hung Viet	The relation between air pollutants and plant development in Thuong Dinh, Hanoi area	analytica Vietnam Conference 2009, Hanoi, 19-20/03/2009, p. 36.	2009
35	Pham Hung Viet , Nguyen Thi Anh Huong, Duong Hong Anh, Do Phuc Quan, Tamas Vigassy, Erno Pretsch	Improving the lower detection limit of polymeric membrane lead-selective sensor: a novel approach	analytica Vietnam Conference 2009, Hanoi, 19-20/03/2009, p. 47.	2009
36	Nguyen Thi Minh Hue, Mai Thanh Duc, Pham Thi Kim Trang, Pham Hung Viet , Dieke Postma, Flemming Lasen, Pham Quy Nhan	Determination of inorganic arsenic speciation in groundwater using in situ separation techniques with disposable anion exchange cartridges and atomic absorption spectrophotometer coupled with hydride vapor generator	analytica Vietnam Conference 2009, Hanoi, 19-20/03/2009, p. 48.	2009
37	Duong Hong Anh, Pham Hung Viet	Optimization of solid phase extraction procedure for analysis of Fluoroquinolone antibacterial agents in shrimp	analytica Vietnam Conference 2009, Hanoi, 19-20/03/2009, p. 52.	2009

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38	Nguyen Thi Anh Huong, Pham Thi Thanh Thuy, Do Phuc Quan, Peter C. Hauser, Pham Hung Viet .	Determination of the Inorganic Arsenic Species As(III) and As(V) in Hanoi Groundwater by Using Portable Capillary Electrophoresis with Contactless Conductivity Detection.	The 7th UNU&GIST Joint Programme Symposium on Science and Technology for Sustainability, Gwangju, Korea, 04-06/11/2009, p. 32-49.	2009
39	Soren Jessen, Flemming Larsen, Dieke Postma, Pham Hung Viet , Nguyen Thi Ha, Pham Quy Nhan, Dang Duc Nhan, Mai Thanh Duc, Nguyen Thi Minh Hue, Trieu Duc Huy, Tran Thi Luu, Dang Hoang Ha, Rasmus Jakobsen	Palaeo-hydrogeological control on groundwater As levels in Red River delta, Vietnam	National Workshop Mobilization of Arsenic in Groundwater in the Red River Plain. Hanoi, April 9, 2008, p. 1-15.	2008
40	Dieke Postma, Flemming Larsen, Nguyen Thi Minh Hue, Mai Thanh Duc, Pham Hung Viet , Pham Quy Nhan, Søren Jessen	Mobilization of Arsenic in Groundwater in the Red River Floodplain Aquifer at Dan Phuong	National Workshop Mobilization of Arsenic in Groundwater in the Red River Plain. Hanoi, April 9, 2008, p. 23-29.	2008
41	Mai Thanh Duc, Nguyen Thi Minh Hue, Pham Hung Viet , Dieke Postma, Flemming Larsen, Tran Nghi, Pham Quy Nhan	Experiments on the Reductive Dissolution of Hydrous iron oxides and bounded Arsenic under incubated condition.	National Workshop Mobilization of Arsenic in Groundwater in the Red River Plain. Hanoi, April 9, 2008, p. 30-36.	2008
42	Nguyen Thi Minh Hue, Mai Thanh Duc, Dieke Postma, Flemming Larsen, Pham Quy Nhan, Pham Thi Kim Trang, Pham Hung Viet	Study on separation and determination of inorganic Arsenic speciation in Groundwater by using Disposable cartridges and atomic Absorption spectrophotometer conducted with hydride vapor generator.	National Workshop Mobilization of Arsenic in Groundwater in the Red River Plain. Hanoi, April 9, 2008, p. 37-43.	2008

43	K. Itoh, M. Uebori, K. Imamura, Y. Maeda, N. Takenaka, T. T. Hien, T. T. N. Lan, N. T. P. Thao, and P. H. Viet	A rapid-analysis of polycyclic aromatic hydrocarbons in ambient air by the thermal-desorption gas chromatography/mass spectrometry	The 8th General Seminar of the Core University Program. Environmental Science and Technology for the Earth. Osaka - Japan, 26-28/11/2008, p. 16-21	2008
44	M. Uebori, K. Imamura, Y. Maeda, N. Takenaka, T. T. Hien, T. T. N. Lan, N. T. P. Thao, and P. H. Viet	Analysis of carbonyl compounds in ambient air by liquid chromatography/tandem mass spectrometric technique (LC/MS/MS)	The 8th General Seminar of the Core University Program. Environmental Science and Technology for the Earth. Osaka, p. 22-27	2008
45	N. T. A. Huong, P. T. T. Thuy, P. H. Viet , and P. C. Hauser	Optimization for the determination of inorganic arsenic in groundwater by portable capillary electrophoresis with contactless conductivity detection	The 8th General Seminar of the Core University Program. Environmental Science and Technology for the Earth. Osaka - Japan, 26-28/11/2008, p. 46-53.	2008
46	Duong Hong Anh, Pham Ngoc Ha, Tran Thanh Tuan, Nguyen Hoang Tung, and Pham Hung Viet	Analytical Method for Determination of Fluoroquinolone Antibacterial Agents in Shrimp Sample by Solid Phase Extraction Technique and High Performance Chromatography/Fluorescence Detection	The 8th General Seminar of the Core University Program. Environmental Science and Technology for the Earth. Osaka, 26-28/11/2008, p. 70-75.	2008
47	Pham Manh Hoai, Doan Van Oanh, Nguyen Xuan Nam, F. Ranaud, and Pham Hung Viet	Contamination and Potential Toxic Impact of Pesticides in Agricultural Areas in Northern Vietnam: Case Study in Hoang Liet and Minh Dai Communes	The 8th General Seminar of the Core University Program. Environmental Science and Technology for the Earth. Osaka, 26-28/11/2008, p. 76-83.	2008
48	Tu Binh Minh, Nguyen Hung Minh, T. Agusa, Pham Thi Kim Trang, H. Iwata, S. Takahashi, Pham	Toxic hazardous pollutants in Vietnam: Results of two decade studies in frame of Core University Program.	The 8th General Seminar of the Core University Program. Environmental Science and Technology for the	2008

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49	T. Agusa, N.N. Ha, P.C. Tu, S. Inoue, T. Kunito, T.B. Minh, P.T.K. Trang, H. Iwata, B.C. Tuyen, P.H. Viet , and S. Tanabe	Environmental and human contamination by trace elements in Vietnam.	The 8th General Seminar of the Core University Program. Environmental Science and Technology for the Earth. Osaka - Japan, 26-28/11/2008, p. 100-106.	2008
50	Vi Thi Mai Lan, Pham Thi Kim Trang, Nguyen Thi Minh Hue, Dao Manh Phu, Tran Thi Hao, Bui Hong Nhat, Nguyen Thanh Hoa, Le Quynh Hoa, Pham Hung Viet , Nguyen Thai Lai	Practical Consideration for Quick Test Application for Arsenic Surveillance in Vietnam	The 8th General Seminar of the Core University Program. Environmental Science and Technology for the Earth. Osaka - Japan, 26-28/11/2008, p. 357-360.	2008
51	Pham Hung Viet , Mai Thanh Duc, Nguyen Thi Minh Hue, D. Postma, and F. Larsen	Experiments on the Reductive Dissolution of Hydrous Iron Oxides and Bounded Arsenic under Incubated Condition	The 8th General Seminar of the Core University Program. Environmental Science and Technology for the Earth. Osaka, 26-28/11/2008, p. 526-532.	2008
52	Do Phuc Quan, Nguyen Minh Tue, Bui The Toan, and Pham Hung Viet	Development of a Cadmium Ion-Selective Electrode with Conducting Poly(pyrrole) as Internal Solid-Contact Layer	The 8th General Seminar of the Core University Program. Environmental Science and Technology for the Earth. Osaka, 26-28/11/2008, p. 533-539.	2008
53	Nguyen Thi Anh Huong, Pavel Kuboň, Pham Hung Viet , Peter C. Hauser	A portable capillary electrophoresis system for inorganic arsenic determination.	4 th Seminar on Environmental Science and Technology Issues related to the sustainable Development for Urban and Coastal	2007

			Areas. Danang, 27-28/9/2007, p. 1-8	
	Duong Hong Anh, Pham Ngoc Ha, Nguyen Hoang Tung, Pham Hung Viet , Alfredo Alder	Determination of Fluoroquinolone antibiotics in sludge matrix using pressurized liquid extraction technique combined with high performance liquid chromatography fluorescence detection.	4th Seminar on Environmental Science and Technology Issues related to the Sustainable Development for Urban and Coastal Areas. Danang, 27-28/9/2007, p. 85-90	2007

RESEARCH AND ACADEMIC PROJECTS (for the last 10 years)

No.	Project name	Funding institution	Project duration	Role in the project
1.	Development of an analytical method for sample treatment and simultaneous determination of PCB congeners and organochlorinated pesticides in water, sediment and biota sample at some typical sampling points in coastal areas in Vietnam	Vietnam National University, Hanoi	01/2005-12/2006	Principal Investigator
2.	Environmental baseline study on air and water quality contributing for the data base of Feasibility Study of the Underground transport system in Hanoi	Vietnam National University, Hanoi	01/2006-12/2007	Principal Investigator
3.	Development of a System for Trace Determination of Inorganic Arsenic Species in Groundwater based on the principle of Electrophoresis Method	Vietnam National University, Hanoi	01/2008-12/2009	Principal Investigator
4.	Development and optimization of filter techniques for the retardation of arsenic in	Vietnam Ministry of Science and Technology	1/2009-12/2010	Principal Investigator

	arsenic contaminated groundwater in rural areas of the Red river Delta, Vietnam			
5.	Reconstruction the history of pollution by persistent organic compounds using sediment core technique and building up the training materials for environmental protection in some typical regions of the Tonkin Gulf	Vietnam National University, Hanoi	05/2008-05/2010	Principal Investigator
6.	Development of automated CE system for environmental monitoring	Ministry of Trade and Industry	1/2012-12/2013	Principal Investigator
7.	Development of a portable capillary electrophoresis – contactless conductivity detection system coupled with a home-made fully-automated preconcentration device for environmental monitoring applicabilities	Vietnam National Foundation for Science and Technology Development	1/2010-11/2013	Principal Investigator
8.	Project “Capacity building for education, training and research in environmental science and technology in Northern Vietnam” in cooperation with the Swiss Federal Institute for Aquatic Science (EAWAG) and Hanoi University of Civil Engineering	Swiss Agency for Development and Cooperation	1998-2008	Principal Investigator
9.	Project on “Environmental Analysis and Monitoring in East Asia”	United Nation University, Japan	2002-2015	Principal Investigator
10.	Monitoring and Management of POPs in Asia	United Nation University, Japan	2015-present	Principal Investigator
11.	Development of miniaturized sensors for selective determination of	Council of Natural Sciences, Vietnam Ministry of Science	2006-2008	Principal Investigator

	heavy metal ions based on conducting polymer- “in-situ” produced ion selective polymeric membrane and application in environmental monitoring and food safety analysis	and Technology		
12.	Water Resources Research in Vietnam - The mobilisation of arsenic and the relation to the dynamic interaction between groundwater and surface water in the Red River Plain	Danish International Development Agency	2008-2012	Principal Investigator
13.	Intercontinental Atmospheric Transport of Anthropogenic Pollutants to the Arctic	Environment Canada	2008-2011	Principal Investigator
14.	Evaluation of manganese contamination in tube well water and human health risk in the Red River Delta, the Northern Vietnam	Vietnam National Foundation for Science and Technology Development	2009-2011	Key project member
15.	Governmental Protocol Agreement Vietnam-Germany: Development and optimization of filter techniques for the removing arsenic in arsenic contaminated groundwater in rural areas of the Red river Delta, Vietnam	Vietnam and German Government	2009-2010	Principal Investigator
16.	Project in cooperation with Lamont-Doherty Earth Observatory, Columbia University "Enhancing the sustainability of groundwater pumping from low-arsenic aquifers in southern Asia: A case-study in Hanoi - Vietnam"	The US National Science Foundation (NSF)	2009-2012	Principal Investigator
17.	Predicting the arsenic content in groundwater of	European Research	2013-2017	Principal

	the floodplains in South East Asia	Council (ERC)		Investigator
18.	Simultaneous determination of relevant multiparameters in environmental water samples and selected products of bio-chemical processes based on the development of a home-made multi-channel portable capillary electrophoresis system	Vietnam National Foundation for Science and Technology Development	2014-2017	Principal Investigator
19.	Collaborative Research: Changes In rive.-aquifer exchange induced by groundwater pumping, and their effect on arsenic contamination in the Red River Delta, Vietnam	Columbia University	2016-2017	Principal Investigator
20.	Evaluating the sustainability of groundwater resources: academic and scientific gaps	US Agency for International Development,	6/2013-12/2014	Member
21.	Collaborative research: Origin, Reactivity, and Transport of Organic Carbon in Reducing Aquifers Across South and Southeast Asia	The US National Science Foundation (NSF)	2014-2017	
22.	Graduate joint training program on environmental science and technology, in cooperation with Gwangju Institute of Science and Technology	Vietnam Ministry of Education and Training	2004-2011	Vice-Chairman
23.	Graduate joint training program on nano science and technology, in cooperation with Japan Advanced Institute of Science and Technology	Vietnam Ministry of Education and Training	2007-2014	Chairman

COMMENDATION AND AWARDS

- 2004: Merit from the Vietnam Prime Minister for the outstanding achievements in education and research
- 2005: Authorship of Environmental Science and Technology's Top Environmental Technology Paper of 2005 for the paper "Bacterial Bioassay for Rapid and Accurate Analysis of Arsenic in Highly Variable Groundwater Samples"
- 2007: 3rd Labor Medal from the Vietnam President for the outstanding achievements in education and research
- 2010: Merit of the Minister of Vietnam Ministry of Natural Resources and Environment: for the achievements in the development of environmental field
- 2012: Award for excellent publication of 2011 for the paper "Arsenic pollution of groundwater in Vietnam exacerbated by deep aquifer exploitation for more than a century" from the President of Vietnam National University, Hanoi
- 2013: Award for excellent publication of 2013 for the paper "Retardation of arsenic transport through a Pleistocene aquifer" from President of Vietnam National University, Hanoi
- 2013: Merit of the Minister of Vietnam Ministry of Science and Technology for the paper published on Nature
- 2013: Merit from the Vietnam Prime Minister for the outstanding achievements in education and research
- 2014: Merit from the President of Vietnam National University for the head of Center of Excellent (COE)
- 2014: Best paper award of 2014 for the paper "Exposure assessment of lead to workers and children in the battery recycling craft village, Dong Mai, Vietnam" published in Journal of Material Cycles and Waste Management