



## Nguyen Van Suc

### Education

Associate Professor (2010 - present)  
Ph.D. in Inorganic Chemistry (1994)  
B.Sc. in Chemistry (1980)

### Lecture

General Chemistry  
Environmental Analytical Chemistry  
Environmental Technical Chemistry  
Wastewater Treatment Technology

### Field of interest

Distribution of rare earth elements in geological samples;  
Analysis of trace metals in environmental samples by NAA;  
Desalination and water treatment;  
Adsorption technology for removal of heavy metals from contaminated water environments;  
Advance methods in wastewater treatment;  
Nano materials and their application on wastewater treatment.

### Contact

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## PUBLICATIONS

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1. **Nguyen Van Suc** & Dang Kim Chi (2017) Removal of rhodamine B from aqueous solution via adsorption onto microwave-activated rice husk ash. *J. Dispersion Sci. Technol.*, 38(2), 216-222.
2. **Nguyen Van Suc**, Luong Ngoc Son (2016) Mistletoe leaves as a biosorbent for removal of Pb(II) and Cd(II) from aqueous solution, *J. Desal. Water Treat.*, 57(8), 3606-3618.
3. **Nguyen Van Suc**, Ho Thi yeu Ly (2013) Lead(II) removal from aqueous solution by chitosan flake modified with citric acid via crosslinking with glutaraehyde, *J. Chem. Technol. Biotechnol.* 88(9), 1641-1649.
4. **Nguyen Van Suc**, Ho Thi Yeu Ly (2011), Adsorption of U(VI) from aqueous solution onto modifie chitosan, *Inter. J. Chem.Tech. Res.*, 3(4) 1993-2002.
5. **N. V. Suc**, T.T. Bich (2013), Determination of  $^{234}\text{U}$  and  $^{238}\text{U}$  in seawater samples by alpha spectrometry after concentration of U(VI) onto hydrotalcite and co-precipitation with  $\text{LaF}_3$ , *Radiochimica Acta*, 101(10), 621-624.

6. **N.Van Suc**, Nguyen Khanh Hung (2012) Batch and column studies for adsorption of Cr(VI) from aqueous solution by coir pith of nipa palm fruit (*Nypa Fruticans*), *Electronic Journal of Environmental, Agricultural and Food Chemistry* 11(3), 239-252.
7. **Nguyen Van Suc** (2012) Adsorption of U(VI) from aqueous solution onto hydrotalcite like - compound, *J. Chem.*, 9(2) 669-679.
8. **Nguyen Van Suc**, Nguyen Mỹ Linh (2011) Removal of Cadmium from aqueous solution by spinach (*Ipomoea aquatic*), *J. Environ. Res.*, 5(1), 1-7.
9. **Nguyen Van Suc**, Nguyen Hong Thanh (2002) determination of REE in carbonatite of Nam Xe, Vietnam by instrumental neutron activation analysis, *J. Chemistry*, 40, 78-82.
10. Ngo Quang Huy, Trinh Thi Bich, **Nguyen Van Suc** (2006) Determination of uranium and thorium isotopes in soil samples by coprecipitation, *J. radioanal. Nucl. Chem.*, 269 (1), 129-123.
11. Nguyen Minh Minh Tam, **Nguyen Van Suc**, Nguyen Van Hoa (2002) Determination of individual elements in magma rocks by neutron activation analysis, *J. Geology*, 269(3-4), 9-19.
12. **Nguyen Van Suc**, Nguyen Trung Chi (1994), Neutron activation analysis and its application for studying REE distribution in Syanite rock in the Chau Co pass, Northwest of Vietnam, *J. Geology*, 223(11-22) 19-29.
13. **Nguyen Van Suc** (1999) Current status of neutron activation analysis using the Dalat Nuclear Research Reactor, *JAERI – Conf.* 99 – 012.
14. **Nguyen Van Suc** (1996) Mai Minh Hung, Nguyen Van Hung (1996) Determination of mercury and arsenic in fresh water by neutron activation analysis, *J. radioanal. Nucl. Chem.*, 213 (1), 65 – 70.
15. **Nguyen Van Suc** (1995), Determination of U, Th, Hf, Zr, Sc and rare earth elements in cogenetic zircon with monazite in beach sand by neutron activation analysis, *J. radioanal. Nucl. Chem.*, 199 (1), 51 -56.
16. **Nguyen Van Suc** (1994) Neutron activation analysis for determination of light rare earth elements in high purity Y<sub>2</sub>O<sub>3</sub>, *J. Chemistry*, 32(1), 72-73.
17. **Nguyen Van Suc** (1994) Radiochemical neutron activation analysis for determination of Au, Ag, Pt and Pd in geological samples, *J. radioanal. Nucl. Chem.*, 187(1), 67-71.
18. **Nguyen Van Suc**, H. Desai, R. Parthasarathy, S. Gangadhara (1992) Rare earth impurities in high purity lanthanum oxide determined by neutron activation analysis, *J. radioanal. Nucl. Chem.*, 164(5), 321-325.

19. **Nguyen Van Suc** (1994) Neutron activation analysis for determination of cerium trace impurity in high purity lanthanum oxide, *J. Radioanal. Nucl. Chem.*, 187(3), 237-241.
20. **Nguyen Van Suc**, Nguyen Mong sinh (1993), Determination of individual rare earth elements in Vietnamese monazite by radiochemical neutron activation analysis. *J. Radioanal. Nucl. Chem.*, 176(5), 383-389