

CURRICULM VITAE

Name Mr. Sopis Chuekachang

Date of Birth February 12, 1976

Education Background

Ph.D. Chemistry, November 2012, Chiang Mai University, Chiang Mai, THAILAND

Thesis Topic: Fabrication of conducting polymer-single walled carbon nanotube composites thin film by electrochemical surface Plasmon resonance (EC-SPR) spectroscopy for the detection of some biomolecules

Thesis Advisor: Assoc. Prof. Dr. Sukon Phanichphant

M.Sc. Chemistry (Analytical Chemistry), August 2005, King MongKut's Institute of Technology Ladkrabang, Bangkok, THAILAND.

Thesis Topic: Single-wall carbon nanotube modified glassy carbon electrode for electroanalytical determination of dopamine

Thesis Advisor: Assoc. Prof. Dr. Suwan Chaiyasit

B.Sc. Chemistry , March 1999, Maha Sarakham University, Maha Sarakham THAILAND

Thesis Topic: Determination of magnesium, potassium and sodium ions in soil by gravimetric titration.

Thesis Advisor: Dr. Neramit Morakot

- Scholarship:**
1. The Center for Innovation in chemistry (PERCH-CIC) Thailand, 2009–Present
 2. “Global Circus” Program of Niigata University supported by the Ministry of Education, Culture, Sports, Science and Technology, Japan, 2010–2012

Conferences

1. Sapis Chuekachang, Sukon Phanichphant, Suwan Chaiyasit, Single-wall carbon nanotube modified glassy carbon electrode for electroanalytical determination of dopamine, Poster Presentation, The 2nd German-Thai Symposium on Nanoscience and Nanotechnology, September 21–22, 2009, Chiang Mai Orchid Hotel, Chiang Mai, THAILAND
2. Sapis Chuekachang, Sukon Phanichphant, Suwan Chaiyasit, Fabrication of modified SWNTs/glassy carbon electrode for the determination of dopamine, Poster Presentation, KJF International Conference on Organic Material for Electronics and Photonics (KJF) 2010, August 22–25, 2010, Kitakyushu, Fukuoka, Japan.
3. Sapis Chuekachang, Akira Baba, Sukon Phanichphant, Saengrawee Sriwichai, Udom Sriyotha, Kazunari Shinbo, Keizo Kato, Futao Kaneko, Nobuko Fukuda, Hirobumi Ushijima, Detection of catecholamine using electropolymerized poly(2-aminobenzylamine) thin film, Oral Presentation, JSPS Hokuriku-Shinetsu Branch conference, 19–20 November 2010, Kanazawa, Japan.

4. Sopis Chuekachang, Akira Baba, Sukon Phanichphant, Saengrawee Sriwichai, Udom Sriyotha, Kazunari Shinbo, Keizo Kato, Futao Kaneko, Nobuko Fukuda, Hirobumi Ushijima, Electrochemical-surface plasmon resonance sensor for the detection of adrenaline on poly(2-aminobenzylamine) thin film, Poster Presentation, May 20–23, 2012, 14th International Meeting on Chemical Sensors-IMCS, Nürnberg/Nuremberg, Germany
5. Sopis Chuekachang, Akira Baba, Sukon Phanichphant, Saengrawee Sriwichai, Udom Sriyotha, Kazunari Shinbo, Keizo Kato, Futao Kaneko, Nobuko Fukuda, Hirobumi Ushijima, Fabrication of thin film from conducting polymer/single wall carbon nanotube composites for the detection of uric acid, Poster Presentation, August 29–September 1, 2012, KJF International Conference on Organic Materials for Electronics and Photonics, Sendai, Japan

Publications

1. Sopis Chuekachang, Sukon Phanichphant, Suwan Chaiyasit, Viruntachar Kruefu, Single-wall carbon nanotube modified glassy carbon electrode for electroanalytical determination of dopamine, Proceedings of the 2010 5th IEEE International Conference on Nano/Micro Engineered and Molecular Systems, January 20–23, 2010, Xiamen, China
2. Sopis Chuekachang, Sukon Phanichphant, Suwan Chaiyasit, Fabrication of modified SWNTs/glassy carbon electrode for the determination of dopamine, Published, *Molecular crystals and Liquid Crystals*, 16 May 2011.

3. Rapiphun Janmanee, Sapis Chuekachang, Saengrawee Sriwichai, Akira Baba, Sukon Phanichphant, Functional conducting polymer in the application of SPR biosensors, Published, May 21, 2012, *Journal of Nanotechnology*, Volume 2012.
4. Sapis Chuekachang, Akira Baba, Sukon Phanichphant, Saengrawee Sriwichai, Udom Sriyotha, Kazunari Shinbo, Keizo Kato, Futao Kaneko, Nobuko Fukuda, Hirobumi Ushijima, Electrochemical-surface plasmon resonance sensor for the detection of adrenaline on poly(2-aminobenzylamine) thin film, Published, ICMS 2012–The 14th International Meeting on Chemical Sensors, 2012, pp 1414–1417.

Reference

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