

NATHAPORN

PHUTTHAWONG

Ph.D.



Contact

Department of Chemistry,
School of Science,
University of Phayao

Address:

19 Moo 2 Maeka, Muang, Phayao,
THAILAND 56000

Phone:

+66 (0)54 466 666 #1705

Email:

nathaporn.ph@up.ac.th

Languages

Thai
English

Experiences

December 2012 – Present
Lecturer (Organic chemistry);
Department of Chemistry, School
of Science, University of Phayao,
Thailand

Academic Position

Lecture in Chemistry

Education

- Doctor of Philosophy: Chemistry - 2012
Chiang Mai University, Thailand
- Master of Science: Chemistry - 2006
Chiang Mai University, Thailand
- Bachelor of Science: Chemistry - 2003
Chiang Mai University, Thailand

Specializations

- Molecularly Imprinted Polymers
- Isolation by Electrocoagulation
- Biodiesel

Scholarships

2007-2011 Ph.D. Scholarship supported by The
Commission on Higher Education (CHE)

Publications

1. **N. Phutthawong**, K. Jumpatong, N. Chairungsri, S. Wangkarn and D. Buddhasukh., Application of Electrocoagulation to the Isolation of Alkaloids, *Chiang Mai Journal of Science*, 34(1), 2007, 127-133.
2. **N. Phutthawong** and M. Pattarawarapan, Facile Synthesis of Magnetic Molecularly Imprinted Polymers for Caffeine via Ultrasound-assisted Precipitation polymerization, *Polymer Bulletin*, 70(20), 2013, 691-705, doi 10.1007/s00289-012-0836-5.
3. **N. Phutthawong** and M. Pattarawarapan, Synthesis of Highly Spherical Caffeine Imprinted Polymers via Ultrasonic-assisted Precipitation Polymerization, *Journal of Applied Polymer Science*, 128(6), 2013, 3893-3899, doi: 10.1002/APP.38596.
4. R. Chokchaisiri, W. Chaichompoo, W. Chunglok, S. Cheenpracha, L. Ganranoo, **N. Phutthawong**, S. Bureekaew and A. Suksamrarn, Isopimarane Diterpenoids from the Rhizomes of *Kaempferia marginata* and Their Potential Anti-inflammatory Activities, *Journal of Natural Products*, 83(1), 2019, 14-19.

Publication (continued)

5. W. Sriphuy, W. Funfuenha and **N. Phutthawong***, Development of Sappan Tree Dyeing by Multi-dyeing Process using *Tagetes erecta* L. Flower as Major Dye, *Scientific Research Journal, Lampang Rajabhat University*, 6(1), 2019, 27-35. (Thai)
6. J. Mopha, W. Funfuenha and **N. Phutthawong***, Preparation of Marlstone for Using as Catalyst in Transesterification Reaction of Palm Oil, *Scientific Research Journal, Lampang Rajabhat University*, 8(1), 2020, 77-88. (Thai)

Research work presented in Conferences, Proceeding

1. P. Insing, **N. Phutthawong**, W. Wongpanyo, B. Vichanpol and C. Chailuecha. Biodiesel Production from Refined Palm Olein with Transesterification using Marlstone Catalyst", 12th Conference on Energy Network of Thailand (E-NETT 12th), 8-10 June 2016, 1206-1210. Proceeding.
2. M. Subsakoon, P. Insing and **N. Phutthawong***, Acceleration of Catalytic Activity of Calcined Marlstones for Transesterification of Palm Oil, Phayao Research Conference 6th, 26-27 January 2017, 732-740. ISBN: 978-616-7820-46-0 Proceeding.
3. A. Ratpanud, P. Insing and **N. Phutthawong***, Transesterification of palm oil in mixed methanol/ ethanol system by using calcined marlstone as catalyst, Phayao Research Conference 6th, 26-27 January 2017, 741-748. ISBN: 978-616-7820-46-0. Proceeding.
4. N. Chumkad, T. Phadungtipong, N. Chairungsi, R. Chokchaisiri, D. Buddhasukh, **N. Phutthawong***, Isolation of Capsaicinoids and Carotenoids from *Capsicum annum* L. fruits by Electrocoagulation Method, Phayao Research Conference 9th, 26-27 January 2020, 779-787. ISBN: 978-616-7820-87-3. Proceeding.
5. Poster presentation, "Magnetic Molecularly Imprinted Polymers for Detection of Nevirapine", Commission on Higher Education Congress I (CHE-USDC Congress I), 5-7 September 2008, Ambassador City Jomtien, Chonburi, Thailand.
6. Poster presentation, "Development of Molecularly Imprinted Sorbent Assay for Detection of Nevirapine", PERCH-CIC congress VI, 3-6 May, 2009, Jomtien Palm Beach Hotel & Resort Pattaya, Chonburi, Thailand.
7. Poster presentation, "Development of Molecularly Imprinted Sorbent Assay for Detection of Nevirapine", in GTSNN 2009 symposium, 21-22 September, 2009, Chiang Mai Orchid Hotel, Chiang Mai, Thailand.
8. Oral presentation, "Preparation of Spherical Molecularly Imprinted Polymer by Ultrasonic-Assisted Polymerization", International Conference on Advanced Materials and Nanotechnology for Sustainable Development (ICAMN-2011), 21-23 October 2011, Park Village Resort Hotel, Kathmandu, Nepal.
9. Poster presentation, "Isolation of Capsaicinoids and Carotenoids from *Capsicum annum* L. fruits by Electrocoagulation Method", in Phayao Research Conference 9th, University of Phayao, Phayao, Thailand.