

CURRICULUM VITAE

Assist. Prof. Jutarat Kavinchan

Education

- M.S. (Chemistry), Chiang Mai University
- B.S. (Chemistry) Second Class Honors, Chiang Mai University

Field of Specification

- Inorganic Chemistry
- Nanotechnology
- Green Chemistry

ผลงานวิจัย (Research)

2018

1. **Jutarat Kavinchan**, Eksuree Saksornchai, Somchai Thongtem, Titipun Thongtem "One-step microwave assisted synthesis of copper antimony sulphide (Cu_3SbS_4) nanostructures: optical property and formation mechanism study", Chalcogenide Letters, 15 (2018) 599–604.
2. Eksuree Saksornchai, **Jutarat Kavinchan**, Somchai Thongtem, Titipun Thongtem "Simple wet-chemical synthesis of superparamagnetic CTAB-modified magnetite nanoparticles using as adsorbents for anionic dye Congo red removal", Materials Letters 213 (2018) 138–142.

2017

1. Eksuree Saksornchai, **Jutarat Kavinchan**, Somchai Thongtem, Titipun Thongtem "The Photocatalytic Application of Semiconductor Stibnite Nanostructure Synthesized via a Simple Microwave-Assisted Approach in Propylene Glycol for Degradation of Dye Pollutants and its Optical Property", Nanoscale Research Letters, 12 (2017)589, 10pp.
2. Eksuree Saksornchai, **Jutarat Kavinchan**, Somchai Thongtem, Titipun Thongtem "Simple Wet Chemical Synthesis of Surfactant-free Silver Antimony Sulphide (AgSbS_2) Flower-like Nanostructures", Chalcogenide Letters, 14 (2017) 483–488.

2015

1. **Jutarat Kavinchan**, Somchai Thongtem, Eksuree Saksornchai and Titipun Thongtem, "Crystal Growth of AgSbS_2 (Miargyrite) Nanostructure by Cyclic Microwave Radiation", Chalcogenide Letters, 12 (2015) 325–331.

2013

1. **Jutarat Kavinchan**, Titipun Thongtem, Somchai Thongtem and Eksuree Saksornchai, "Synthesis of Coral-Like, Straw-Tied-Like, and Flower-Like Antimony Sulfides by a Facile Wet-Chemical Method", *Journal of Nanomaterials*, ID719679 (2013).

2012

1. **Jutarat Kavinchan**, Titipun Thongtem and Somchai Thongtem, "Cyclic microwave synthesis of Sb₂S₃ twin flowers in solutions containing a template and splitting agent", *Chalcogenide Letters*, 9 (2012) 365–370.

2010

1. **Jutarat Kavinchan**, Titipun Thongtem and Somchai Thongtem, "Cyclic microwave synthesis of Sb₂S₃ dumb-bells using polyvinylpyrrolidone as a template and splitting agent", *Materials Letters*, 64 (2010) 2388–2391.
2. Titipun Thongtem, Chalermchai Pilapong, **Jutarat Kavinchan**, Anukorn Phuruangrat and Somchai Thongtem, Microwave-assisted hydrothermal synthesis of Bi₂S₃ nanorods in flower-shaped bundles, *Journal of Alloys and Compounds*, 500 (2010) 195–199.