

**PUBLICATIONS IN CHIANG MAI JOURNAL OF SCIENCE
(OCTOBER 2005-SEPTEMBER 2006)**

Chemistry

1. **T. Sarakonsri**, K. Choksawatpinyo, S. Seraphin, T. Tunkasiri. Solution Route Preparation and Characterization of Dendrite InSb powders, Anode Material for Lithium-ion Batteries. *Chiang Mai J. Sci. Vol.33(1), 2006, pp.79-83*
2. D. Boonrod, K. Reanma, **H. Niamsup**. Extraction and Physicochemical Characteristics of Acid-Soluble Pectin from Raw Papaya (*Carica papaya*) Peel. *Chiang Mai Journal of Science Vol.33(1), 2006, pp.129-135*
3. W. Channuan, **J. Siripitayananon**, R. Molloy, M. Sriyai, G.R. Mitchell. Investigation of the Crystal Structure in Segmented Triblock L-Lactide, ϵ -Caprolactone and Glycolide Terpolymer Fibres. *Chiang Mai Journal of Science 32(3), 2005, pp.507-513*
4. P. Angkanurukpun, **P. Sriburi**, P. Kanasawud. Improvement of Carica papaya Lipase for Metha-nolysis of Triolein. *Chiang Mai Journal of Science Vol.33(2), 2006, pp.217-222*
5. S. Chuanphongpanich, **S. Phanichphant**. Method Development and Determination of Phenolic Compounds in Broccoli Seeds Samples. *Chiang Mai Journal of Science Vol. 33(1), 2006, pp. 103-107*
6. S. Chuanphongpanich, M. Suttajit, **S. Phanichphant**, D. Buddhasukh, B. Sirithunyalug. Antioxidant Capacity of Broccoli Seeds Grown in Thailand. *Chiang Mai Journal of Science Vol.33(1), 2006, pp.117-122*
7. S. Chuanphongpanich, N. Tuwanon, D. Buddhasukh, P. Pirakitikulr, S. Panichphant. Stanol Synthesis from Palm Oil Distillate. *Chiang Mai Journal of Science Vol.33(1), 2006, pp.109-116*
8. **M. Pattarawarapan**, S. Singhatana. Synthesis and Applications of Silica Supported Dichlorotriazine (Si-DCT) in Nucleophilic Scavenging. *Chiang Mai Journal of Science Vol. 33(2), 2006, pp. 203-209*

Physics

1. A. Ngamjarrojana, S. Wongsanmai, O. Khamman, S. Ananta, **R. Yimnirun**. HYSTERESIS PROPERTIES OF LEAD ZIRCONATE TITANATE CERAMIC UNDER UNIAXIAL COMPRESSIVE PRE-STRESS. *Chiang Mai Journal of Science, 2005; 32(3), pp.355-359*
2. S. Wongsanmai, A. Ngamjarrojana, R. Tipakontitikul, S. Ananta, **R. Yimnirun**. HYSTERESIS PROPERTIES OF 0.1PMN-0.9PZT CERAMIC UNDER DIFFERENT POLING FIELDS. *Chiang Mai Journal of Science, 2005; 32(3), pp.351-354*
3. S. Chamunglap, S. Ananta, **R. Yimnirun**. UNIAXIAL STRESS DEPENDENCE OF DIELECTRIC PROPERTIES OF PZT AND 0.95PZT-0.05BT CERAMICS. *Chiang Mai Journal of Science, 2005; 32(3), pp. 337-342*

4. R. Tipakontitikul, **S. Ananta**, R. Yimnirun. EFFECT OF SINTERING CONDITIONS ON DENSIFICATION AND DIELECTRIC PROPERTIES OF PZT CERAMICS. *Chiang Mai Journal of Science*, 2005; 32(3), pp.323-329
5. R. Wongmeneerung, R. Yimnirun, **S. Ananta**. SYNTHESIS AND CHARACTERIZATIONS OF LEAD TITANATE NANO-SIZED POWDERS PREPARED VIA A RAPID VIBRO-MILLING. *Chiang Mai Journal of Science*, 2005; 32(3), pp.399-404
6. A. Pisitanusorn, **S. Ananta**, R. Yimnirun, S. Thiansem. FABRICATION AND CHARACTERIZATION OF HIGH STRENGTH DENTAL PORCELAIN NANOCOMPOSITE FROM THAILAND'S RAW MATERIALS. *Chiang Mai Journal of Science*, 2005; 32(3), pp.549-553
7. C. Sangsubun, **S. Jiansirisomboon**, P. Singjai. Synthesis of Silicon Carbide Nanofibers from Rice Husk. *Chiang Mai J.Sci. Vol. 32(3)*, 2005, pp.405-409
8. **S. Jiansirisomboon**, K. Pengpat, T. Tunkasiri. Effects of Starting Precursor on Phase and Microstructural Characteristics of Ferroelectric Lead Magnesium Niobate Ceramics. *Chiang Mai J.Sci. Vol.32(3)*, 2005, pp.307-313
9. M. Tapnurat, **S. Choopun**, P. Mangkorntong, N. Mangkorntong. Preparation of MoO₃ Nanowhiskers. *Chiang Mai Journal of Science*, 2005, Vol.32(3), pp. 421-425
10. N. Hongsith, **S. Choopun**, S. Tanunchai, T. Chairuangsi, P. Mangkorntong, N. Mangkorntong. Synthesis of ZnO Nanobelts by RF Sputtering. *Chiang Mai Journal of Science*, 2005, Vol.32(3), pp. 417-420
11. S. Tanunchai, S. Towta, N. Mangkorntong, P. Mangkorntong, **S. Choopun**. Urbach Energy of Hexagonal ZnO and Mg_{0.05}Zn_{0.95}O Thin Film Grown by RF Sputtering. *Chiang Mai Journal of Science*, 2005, Vol.32(3), pp. 453-458
12. **S. Jiansirisomboon**, A. Watcharapasorn, T. Tunkasiri. Effect of Al₂O₃ Nano-Particulates Addition on Barium Titanate Ceramics. *Chiang Mai Journal of Science Vol.33(2)*, 2006, pp.175-182
13. **A. Watcharapasorn**, S. Jiansirisomboon, T. Tunkasiri. Microstructures and Mechanical Properties of Zirconium-Doped Bismuth Sodium Titanate Ceramics. *Chiang Mai Journal of Science Vol.33(2)*, 2006, pp.169-173

Industrial Chemistry

1. W. Piyavit, C. Chanmuang, M. Jaimasit, W. Thiesorn, A. Puyusuk, M. Naksata, **T. Chairuangsi**. Adhesion of Borosilicate Glass and Fe-Ni-Co Alloy Joined by Direct Fusion. *Chiang Mai Journal of Science Vol.33(2)*, 2006, pp.191-202