NSTDA's Research Publications 2007 = 172 articles (ISI Database)

1. AU Sumriddetchkajorn, S Chaitavon, K
AF Sumriddetchkajorn, Sarun Chaitavon, Kosom
TI 1 x N add-drop filter structures using one dense wavelength division multiplexing thin-film filter
SO OPTICS COMMUNICATIONS PD DEC 1 PY 2007 VL 280 IS 1 BP 33 EP 38

2. AU Klomklao, S ; Benjakul, S; Visessanguan, W; Kishimura, H; Simpson, BK
TI 29 kDa trypsin from the pyloric ceca of atlantic bonito (Sarda sarda): Recovery and characterization
SO JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY PD MAY 30 PY 2007 VL 55 IS 11 BP 4548

3. AU Sumriddetchkajorn, S; Amarit, R
TI A large-active-area light-blocking based switch for people with disability
SO SENSORS AND ACTUATORS A-PHYSICAL PD MAR 15 PY 2007 VL 134 IS 2 BP 525 EP 531
RP Sumriddetchkajorn, S, NSTDA, NECTEC, Electroopt Sect, 112 Thailand Sci
Pk,Phahonyothin Rd,Klong 1, Klongluang 12120, Pathumthani, Thailand.

3. AU Sung, GH ; Sung, JM ; Hywel-Jones, NL ; Spatafora, JW
TI A multi-gene phylogeny of Clavicipitaceae (Ascomycota, Fungi): Identification of localized incongruence using a combinational bootstrap approach
SO MOLECULAR PHYLOGENETICS AND EVOLUTION PD SEP PY 2007 VL 44 IS 3 BP 1204 EP 1223
Natl Ctr Genet Engn & Biotechnol, Mycol Lab, Pathum Thani, Thailand.

4. AU Rukachaisirikul, V; Kaeobamrung, J; Panwiriyarat, W; Saitai, P; Sukpondma, Y; Phongpaichit, S ; Sakayaroj, J
TI A new pyrone derivative from the endophytic fungus Penicillium paxilli PSU-A71
SO CHEMICAL & PHARMACEUTICAL BULLETIN PY 2007 VL 55 IS 9 BP 1383 EP 1384
Natl Ctr Genet Engn & Biotechnol, BIOTEC, Klongluang 12120, Pathumthani, Thailand.

5. AU Somrithipol, S; Sudhom, N; Tippawan, S; Jones, EBG
TI A new species of Falcocladium (Hyphomycetes) with turbinate vesicles from Thailand
SO SYDOWIA PD JUN 30 PY 2007 VL 59 IS 1 BP 148 EP 153
NSTDA, Natl Ctr Genet Engn & Biotechnol, Khlong Luang 12120, Pathum Thani, Thailand.

6. AU Aroonrerk, N; Suksamrarn, A; Kirtikara, K
TI A sensitive direct ELISA for detection of prostaglandin E-2
SO JOURNAL OF IMMUNOASSAY & IMMUNOCHEMISTRY PY 2007 VL 28 IS 4 BP 319EP 330

7. AU Horprathum, M; Chindaudom, P; Limsuwan, P ; AF Horprathum, Mati; Chindaudom, Pongpan; Limsuwan, Pichet

TI A spectroscopic ellipsometry study of TiO_2 thin films prepared by dc reactive magnetron sputtering: Annealing temperature effect
SO CHINESE PHYSICS LETTERS PY 2007 VL 24 IS 6BP 1505 EP 1508
Natl Elect & Comp Technol Ctr, Opt Coating Lab, Pathum Thani 12120, Thailand.

8. AU Somrithipol, S
TI A synnematous species of Dictyoarthrinium from Thailand
SO MYCOLOGIA PD SEP-OCT PY 2007 VL 99 IS 5 BP 792 EP 796
C1 NSTDA, Natl Ctr Genet Engn & Biotechnol, Khlong Luang 12120, Pathum Thani, Thailand.

9. AU Isaka, M; Boonkhao, B; Rachtawee, P; Auncharoen, P
TI A xanthocillin-like alkaloid from the insect pathogenic fungus Cordyceps brunnearubra BCC 1395
SO JOURNAL OF NATURAL PRODUCTS PD APR PY 2007 VL 70 IS 4 BP 656 EP 658
C1 Natl Ctr Genet Engn & Biotechnol, BIOTEC, Pathum Thani 12120, Thailand.

10. AU Harnpicharnchai, P ; Thongaram, T; Sriprang, R ; Champreda, V; Tanapongpipat, S ; Eurwilaichitr, L
TI An efficient purification and fractionation of genomic DNA from soil by modified troughing method
SO LETTERS IN APPLIED MICROBIOLOGY PD OCT PY 2007 VL 45 IS 4 BP 387 EP 391
C1 Natl Ctr Genet Engn & Biotechnol, Klongluang, Thailand.

11. AU Tak, S; Prathombutr, P; Park, EK; AF Tak, Sungwoo; Prathombutr, Passakon; Park, E. K.
TI An efficient technique for a series of virtual topology reconfigurations in WDM optical networks
SO COMPUTER COMMUNICATIONS PD MAR 26 PY 2007VL 30 IS 6 BP 1301EP 1314

12. AU Jiravanichpaisal, P; Lee, SY; Kim, YA ; Andren, T; Soderhall, I
TI Antibacterial peptides in hemocytes and hematopoietic tissue from freshwater crayfish Pacifastacus leniusculus: Characterization and expression pattern
SO DEVELOPMENTAL AND COMPARATIVE IMMUNOLOGY PY 2007 VL 31 IS 5 BP 441 EP 455
Natl Sci & Technol Dev Agcy, Natl Ctr Genet Engn & Biotechnol, Klongluang 12120, Pathumthani, Thailand.

13. AU Imjongjirak, C; Amparyup, P; Tassanakajon, A; Sittipraneed, S
TI Antilipopolysaccharide factor (ALF) of mud crab Scylla paramamosain: Molecular cloning, genomic organization and the antimicrobial activity of its synthetic LPS binding domain
SO MOLECULAR IMMUNOLOGY PD MAY PY 2007 VL 44 IS 12 BP 3195 EP 3203
NSTDA, Natl Ctr Genet Engn & Biotechnol, Klongluang 12120, Pathumthani, Thailand.

14. AU Isaka, M; ; Berkaew, P; Intereya, K; Komwijit, S; Sathitkunanon, T
TI Antiplasmodial and antiviral cyclohexadepsipeptides from the endophytic fungus Pullularia sp BCC 8613
SO TETRAHEDRON PD JUL 16 PY 2007 VL 63 IS 29 BP 6855 EP 6860
C1 Natl Ctr Genet Engn & Biotechnol BIOTECH, Pathum Thani 12120, Thailand.

15. AU Ponmee, N; Chuchue, T; Wilairat, P; Yuthavong, Y; Kamchonwongpaisan, S
TI Artemisinin effectiveness in erythrocytes is reduced by heme and heme-containing proteins
SO BIOCHEMICAL PHARMACOLOGY PD JUN 30 PY 2007 VL 74 IS 1 BP 153 EP 160
C1 Natl Sci & Technol Dev Agcy, Natl Ctr Genet Engn & Biotechnol, Klongluang 12120, Pathumthani, Thailand.

16. AU Hsieh, SY; Moss, ST; Jones, EBG
TI Ascoma development in the marine ascomycete Corollospora gracilis (Halosphaeriales, Hypocreomycetidae, Sordariomycetes)
SO BOTANICA MARINA PY 2007 VL 50 IS 5-6 BP 302 EP 313
Natl Ctr Genet Engn & Biotechnol, BIOTEC Cent Res Unit, Khlong Luang 12120, Pathum Thani, Thailand.

17. AU Intarasirisawat, R; Benjakul, S; Visessanguan, W; Prodpran, T; Tanaka, M; Howell, NK
TI Autolysis study of bigeye snapper (Priacanthus macracanthus) skin and its effect on gelatin
SO FOOD HYDROCOLLOIDS PD JUN PY 2007 VL 21 IS 4 BP 537 EP 544
Natl Sci & Technol Dev Agcy, Natl Ctr Genet Engn & Biotechnol, Klongluang 12120, Pathumthani, Thailand.

18. AU Pinnoi, A; Jeewon, R; Sakayaroj, J ; Hyde, KD ; Jones, EBG
TI Berkleasmium crunisia sp. nov. and its phylogenetic affinities to the Pleosporales based on 18S and 28S rDNA sequence analyses
MYCOLOGIA PD MAY-JUN PY 2007 VL 99 IS 3 BP 378EP 384
RP Jones, EBG, Natl Ctr Genet Engn & Biotechnol, BIOTEC Cent Res Unit, 113 Thailand Sci Pk,Paholyothin Rd,Khlong 1, Khlong Luang 12120, Pathum Thani, Thailand.

19. AU Phongpaichit, S; Nikom, J; Rungjindamai, N ; Sakayaroj, J; Hutadilok-Towatana, N; Rukachaisirikul, V; Kirtikara, K
TI Biological activities of extracts from endophytic fungi isolated from Garcinia plants
SO FEMS IMMUNOLOGY AND MEDICAL MICROBIOLOGY PD DEC PY 2007 VL 51 IS 3 BP 517 EP 525
Natl Ctr Genet Engn & Biotechnol, Pathum Thani, Thailand.

20.AU Nakase, T; Jindamorakot, S; Limtong, S; Am-In, S; Kawasaki, H; Imanishi, Y; Potacharoen, W; Tanticharoen, M
TI Candida kazuoi sp nov and Candida hasegawae sp nov., two new species of ascomycetous anamorphic yeasts isolated from insect frass in Thailand
SO JOURNAL OF GENERAL AND APPLIED MICROBIOLOGY PD AUG PY 2007 VL 53 IS 4 BP 239 EP 245
NSTDA, Natl Ctr Genet Engn & Biotechnol BIOTEC, Cent Res Unit, Pathum Thani 12120, Thailand.

21. AU Riebroy, S; Benjakul, S; Visessanguan, W; Tanaka, M
TI Changes during fermentation and properties of som-fug produced from different marine fish
SO JOURNAL OF FOOD PROCESSING AND PRESERVATION PD DEC PY 2007 VL 31 IS 6 BP 751 EP 770
Natl Sci & Technol Dev Agcy, Natl ctr Genet Engn & Biotechnol, Klongluang, Thailand.

22. AU Chaijan, M; Benjakul, S; Visessanguan, W; Faustman, C
TI Characterisation of myoglobin from sardine (Sardinella gibbosa) dark muscle
SO FOOD CHEMISTRY PY 2007 VL 100 IS 1 BP 156 EP 164
Natl Sci & Technol Dev Agcy, Natl Ctr Genet Engn & Biotechnol, Klongluang 12120, Pathumthani, Thailand.

23. AU Sangsuriya, P; Rojtinnakorn, J; Senapin, S ; Flegel, TW
TI Characterization and tissue expression of apoptosis-related ALG-2 interacting protein Alix/AIP1 from the black tiger shrimp Penaeus monodon
SO FISH & SHELLFISH IMMUNOLOGY PD AUG PY 2007 VL 23 IS 2 BP 485 EP 49
Natl Sci & Technol Dev Agcy, Natl Ctr Genet Engn & Biotechnol, Pathum Thani 12120, Thailand.

24. AU Sriphaijit, T; Flegel, TW; Senapin, S;
TI Characterization of a shrimp serine protease homolog, a binding protein of yellow head virus
SO DEVELOPMENTAL AND COMPARATIVE IMMUNOLOGY PY 2007 VL 31 IS 11 BP 1145 EP 1158
Natl Sci & Technol Dev Agcy, Natl Ctr Genet Engn & Biotechnol, Pathum Thani 12120, Thailand.

25. AU Noisakran, S; Dechtawewat, T; Rinkaewkan, P; Puttikhunt, C; Kanjanahaluethai, A; Kasinrerk, W; Sittisombut, N
Malasit, P
TI Characterization of dengue virus NS1 stably expressed in 293T cell lines
SO JOURNAL OF VIROLOGICAL METHODS PD JUN PY 2007 VL 142 IS 1-2 BP 67 EP 80
Natl Sci & Technol Dev Agcy, Med Biotechnol Unit, Natl Ctr Genet Engn & Biotechnol, Bangkok 10400, Thailand.

26. AU Gamonpilas, C; Busso, EP
TI Characterization of elastoplastic properties based on inverse analysis
and finite element modeling of two separate indenters
SO JOURNAL OF ENGINEERING MATERIALS AND TECHNOLOGY-TRANSACTIONS OF THE ASME PD OCT
PY 2007 VL 129 IS 4 BP 603 EP 608
C1 Natl Metal & Mat Technol Ctr, Pathum Thani 12120, Thailand.

27.AU Shaw, PJ; Ponmee, N; Karoonuthaisiri, N ; Kamchonwongpaisan, S; Yuthavong, Y
TI Characterization of human. malaria parasite Plasmodium falciparum eIF4E homologue and mRNA 5 ' cap status
SO MOLECULAR AND BIOCHEMICAL PARASITOLOGY PD OCT PY 2007 VL 155 IS 2 BP 146 EP 155

28.AU Wongprasert, K; Sangsuriya, P; Phongdara, A; Senapin, S
TI Cloning and characterization of a caspase gene from black tiger shrimp
(Penaeus monodon)-infected with white spot syndrome virus (WSSV)
SO JOURNAL OF BIOTECHNOLOGY PD AUG 1 PY 2007 VL 131 IS 1 BP 9 EP 19
Natl Sci & Technol Dev Agcy, Natl Ctr Genet Engn & Biotechnol, Pathum Thani 12120, Thailand.

29.AU Ruanglek, V; Sriprang, R; Ratanaphan, N; Tirawongsaroj, P; Chantasigh, D; Tanapongpipat, S; Pootanakit, K
Eurwilaichitr, L
TI Cloning, expression, characterization, and high cell-density

production
of recombinant endo-1,4-beta-xylanase from Aspergillus niger in Pichia pastoris
SO ENZYME AND MICROBIAL TECHNOLOGY PD JUL 2 PY 2007 VL 41 IS 1-2 BP 19 EP 25
C1 Natl Ctr Genet Engn & Biotechnol BIOTEC, BIOTEC Cent Res Unit, Klongluang 12120, Pathumthani, Thailand.

30. AU Unagal, P; Assantachai, C; Phadungruengluij, S; Suphantharika, M; Tanticharoen, M; Verduyn, C
TI Coconut water as a medium additive for the production of
docosahexaenoic acid (C22 : 6 n3) by Schizochytrium mangrovei Sk-02
SO BIORESOURCE TECHNOLOGY PD JAN PY 2007 VL 98 IS 2 BP 281 EP 287
BIOTEC, Pathum Thani 12120, Thailand.

31.AU Wongtrakoongate, P; Mongkoldhumrongkul, N; Chaijan, S; Kamchonwongpaisan, S; Tungpradabkul, S
TI Comparative proteomic profiles and the potential markers between Burkholderia pseudomallei and Burkholderia thailandensis
SO MOLECULAR AND CELLULAR PROBES PD APR PY 2007 VL 21 IS 2 BP 81 EP 91
Natl Sci & Technol Dev Agcy, Natl Ctr Genet Engn & Biotechnol, Pathum Thani, Thailand.

32. AU Sriket, P; Benjakul, S; Visessanguan, W; Kijroongrojana, K
TI Comparative studies on chemical composition and thermal properties of
black tiger shrimp - (Penaeus monodon) and white shrimp (Penaeus vannamei) meats
SO FOOD CHEMISTRY PY 2007 VL 103 IS 4 BP 1199 EP 1207
Natl Sci & Technol Dev Agcy, Natl Ctr Genet Engn & Biotechnol, Klongluang 12120, Pathumthani, Thailand.

33. AU Sriket, P; Benjakul, S ; Visessanguan, W; Kijroongroiana, K
TI Comparative studies on the effect of the freeze-thawing process on the
physicochemical properties and microstructures of black tiger shrimp
(Penaeus monodon) and white shrimp (Penaeus vannamei) muscle
SO FOOD CHEMISTRY PY 2007 VL 104 IS 1 BP 113 EP 121
Natl Sci & Technol Dev Agcy, Natl Ctr Genet Engn & Biotechnol, Pathum Thani 12120, Thailand.

34. AU Suwanprateeb, J
TI Comparative study of 3DP material systems for moisture resistance applications
SO RAPID PROTOTYPING JOURNAL PY 2007 VL 13 IS 1 BP 48 EP 52
C1 Natl Metal & Mat Technol Ctr, Natl Sci & Technol Dev Agcy, Minist Sci & Technol, Klongluang, Thailand.

35. AU Isaka, M; Palasarn, S; Kocharin, K; Hywel-Jones, NL
TI Comparison of the bioactive secondary metabolites from the scale insect pathogens, anamorph Paecilomyces cinnamomeus,
and teleomorph Torrubiella luteorostrata
SO JOURNAL OF ANTIBIOTICS PD SEP PY 2007 VL 60 IS 9 BP 577 EP 581
C1 Natl Ctr Genet Engn & Biotechnol, Klongluang 12120, Pathumthani, Thailand.

36. AU Japrung, D; Leartsakulpanich, U; Chusacultanachai, S; Yuthavong, Y
TI Conflicting requirements of Plasmodium falciparum dihydrofolate
reductase mutations conferring resistance to pyrimethamine-WR99210 combination

SO ANTIMICROBIAL AGENTS AND CHEMOTHERAPY PD DEC PY 2007 VL 51 IS 12 BP 4356 EP 4360
C1 BIOTEC, Natl Sci & Technol Dev Agency, Pathum Thani 12120, Thailand.

37. AU Tuntiwachwuttikul, P; Pootaeng-On, Y; Phansa, P; Limpachayaporn, P; Charoenchai, P; Taylor, WC
TI Constituents of the leaves of Holarrhena pubeseens
SO FITOTERAPIA PD APR PY 2007 VL 78 IS 3 BP 271 EP 273
NSTDA, Natl Ctr Genet Engn & Biotechnol, BIOTEC, Pathum Thani 12120, Thailand.

38. AU Alur, AP; Chollacoop, N; Kumar, KS; AF Alur, A. P.; Chollacoop, N.; Kumar, K. S.
TI Creep effects on crack growth in a Mo-Si-B alloy
SO ACTA MATERIALIA PD FEB PY 2007 VL 55 IS 3 BP 961 -74
Natl Met & Mat Techol Ctr, Pathum Thani 12120, Thailand.

39.AU Saroat, RA; Benjakul, S; Visessanguan, W; Lanier, TC
TI Cysteine proteinase inhibitor from chicken plasma: Fractionation, characterization and autolysis inhibition of fish myofibrillar proteins
SO FOOD CHEMISTRY PY 2007 VL 101 IS 4 BP 1647 EP 1657
Natl Sci & Technol Dev Agcy, Natl Ctr Genet Engn & Biotechnol, Klongluang 12120, Pathumthani, Thailand.

40. AU Pongcharoen, W; Rukachaisirikul, V; Isaka, M; Sriklung, K
TI Cytotoxic metabolites from the wood-decayed fungus Xylaria sp BCC 9653
SO CHEMICAL & PHARMACEUTICAL BULLETIN PD NOV PY 2007 VL 55 IS 11 BP 1647 EP 1648
Natl Ctr Genet Engn & Biotechnol, Klongluang 12120, Pathumthani, Thailand.

41. AU Sae-oui, P; Sirisinha, C; Thepsuwan, U; Hatthapanit, K
TI Dependence of mechanical and aging properties of chloroprene rubber on silica and ethylene thiourea loadings
SO EUROPEAN POLYMER JOURNAL PD JAN PY 2007 VL 43 IS 1 BP 185 EP 193
C1 Natl Met & Mat Technol Ctr, Klongluang 12120, Pathumthani, Thailand.

42. AU Paungmoung, P; Punya, J; Pongpattanakitshote, S; Jeamton, W; Vichisoonthonkul, T; Bhumiratana, S Tanticharoen, M; Linne, U; Marahiel, MA; Cheevadhanarak, S
TI Detection of nonribosomal peptide synthetase genes in Xylaria sp BCC1067 and cloning of XyNRPSA
SO FEMS MICROBIOLOGY LETTERS PD SEP PY 2007 VL 274 IS 2 BP 260 EP 268
Natl Ctr Genet Engn & Biotechnol, Pathum Thani, Thailand.

43. AU Klinbunga, S; Khetpu, K; Khamnamtong, B; Menasveta, P
TI Development of a species-diagnostic SCAR marker of the blue swimming crab (Portunus pelagicus)
SO BIOCHEMICAL GENETICS PD DEC PY 2007 VL 45 IS 11-12 BP 755 EP 760
C1 Natl Ctr Genet Engn & Biotechnol, Natl Sci & Technol Dev Agcy, Aquat Mol Genet & Biotechnol Lab, Pathum Thani, Thailand.

44. AU Benjakul, S; Visessanguan, W; Aewsiri, T; Tanaka, M
TI Dissociation of natural actomyosin from kuruma prawn muscle induced by pyrophosphate
SO FOOD CHEMISTRY PY 2007 VL 102 IS 1 BP 295 EP 30

45. AU Rattanadecho, P; Suwannapum, N

TI Drying of dielectric materials using a continuous microwave belt drier (case study : ceramics and natural rubber)
SO JOURNAL OF MANUFACTURING SCIENCE AND ENGINEERING-TRANSACTIONS OF THE ASME
PD FEB PY 2007 VL 129 IS 1 BP 157 EP 163
Natl Metal & Mat Technol Ctr, Pathum Thani 12120, Thailand.

46. AU Wangyao, P; Krongtong, V; Panich, N; Chuankrerkkul, N; Lothongkum, G
TI Effect of 12 heat treatment conditions after HIP process on microstructural refurbishment in cast nickel-based superalloy, GTD-111
SO HIGH TEMPERATURE MATERIALS AND PROCESSES PY 2007 VL 26 IS 2 BP 151 EP 159
Natl Met & Mat Technol Ctr, MTEC, Pathum Thani, Thailand.

47. AU Rawdkuen, S; Benjakul, S; Visessanguan, W; Lanier, TC
TI Effect of chicken plasma protein and some protein additives on proteolysis and gel-forming ability of sardine (Sardinella gibbosa) surimi
SO JOURNAL OF FOOD PROCESSING AND PRESERVATION PD AUG PY 2007 VL 31 IS 4 BP 492 EP 516
Natl Ctr Genet Engn & Biotechnol, Natl Sci & Technol Dev Agcy, Klongluang 12120, Pathumthani, Thailand.

48. AU Taepaiboon, P; Rungsardthong, U; Supaphol, P
TI Effect of cross-linking on properties and release characteristics of sodium salicylate-loaded electrospun poly(vinyl alcohol) fibre mats
SO NANOTECHNOLOGY PD MAY 2 PY 2007 VL 18 IS 17
Natl Nanotechnol Ctr, Klong Luag 12120, Phathumthani, Thailand.

49. AU Rawdkuen, S; Benjakul, S; Visessanguan, W; Lanier, TC
TI Effect of cysteine proteinase inhibitor containing fraction from chicken plasma on autolysis and gelation of Pacific whiting surimi
SO FOOD HYDROCOLLOIDS PD OCT PY 2007 VL 21 IS 7 BP 1209 EP 1216
Natl Sci & Technol Dev Agcy, Natl Ctr Genet Engn & Biotechnol, Klongluang 12120, Pathumthani, Thailand.

50. AU Riebroy, S; Benjakul, S; Visessanguan, W ; Tanaka, M
TI Effect of iced storage of bigeye snapper (Priacanthus tayenus) on the chemical composition, properties and acceptability of Som-fug, a fermented Thai fish mince
SO FOOD CHEMISTRY PY 2007 VL 102 IS 1 BP 270 EP 280
Natl Sci & Technol Dev Agcy, Natl Ctr Genet Engn & Biotechnol, Klongluang 12120, Pathumthani, Thailand.

51. AU Chaijan, M; Benjakul, S; Visessanguan, W; Lee, S; Faustman, C
TI Effect of ionic strength and temperature on interaction between fish myoglobin and myofibrillar proteins
SO JOURNAL OF FOOD SCIENCE PD MAR PY 2007 VL 72 IS 2 BP C89 EP C95
Natl Sci & Technol Dev Agcy, Natl Ctr Genet Engn & Biotechnol, Pathum Thani 12120, Thailand.

52. AU Riebroy, S; Benjakul, S; Visessanguan, W; Tanaka, M; Erikson, U; Rustad, T
TI Effect of irradiation on properties and storage stability of Som-fug produced from bigeye snapper
SO FOOD CHEMISTRY PY 2007 VL 103 IS 2 BP 274 EP 286
Natl Sci & Technol Dev Agcy, Natl Ctr Genet Engn & Biotechnol, Pathum Thani 12120, Thailand.

53. AU Asasutjarit, R; Lorenzen, SI; Sirivichayakul, S; Ruxrungtham, K; Ruktanonchai, U; Ritthidej, GC

TI Effect of solid lipid nanoparticles formulation compositions on their size, zeta potential and potential for in vitro type pHIS-HIV-Hugag transfection
SO PHARMACEUTICAL RESEARCH PD JUN PY 2007 VL 24 IS 6 BP 1098 EP 1107
NSTDA, Natl Nanotechnol Ctr, Pathum Thani 12120, Thailand.

54. AU Juengsuwattananon, K; Jaroenworaluck, A; Panyathanmaporn, T; Jinawath, S; Supothina, S
TI Effect of water and hydrolysis catalyst on the crystal structure of nanocrystalline TiO_2 powders prepared by sol-gel method
SO PHYSICA STATUS SOLIDI A-APPLICATIONS AND MATERIALS SCIENCE PD JUN PY 2007 VL 204 IS 6 BP 1751 EP 1756
C1 Natl Met & Mat Technol Ctr, Klongluang 12120, Pathumthani, Thailand.

55. AU Prathumpai, W; Kocharin, K; Phimmakong, K; Wongsa, P
TI Effects of different carbon and nitrogen sources on naphthoquinone production of Cordyceps unilateralis BCC 1869
SO APPLIED BIOCHEMISTRY AND BIOTECHNOLOGY PD FEB PY 2007 VL 136 IS 2 BP 223 EP 232
C1 Natl Sci & Technol Dev Agcy, Natl Ctr Genet Engn & Biotechnol, Klongluang 12120, Pathumthani, Thailand.

56.AU Jongaroontaprangsee, S; Tritrong, W; Chokanaporn, W; Methacanon, P; Devahastin, S; Chiewchan, N
TI Effects of drying temperature and particle size on hydration properties of dietary fiber powder from lime and cabbage by-products
SO INTERNATIONAL JOURNAL OF FOOD PROPERTIES PY 2007 VL 10 IS 4 BP 887 EP 897
Natl Met & Mat Technol Ctr, Pathum Thani, Thailand.

57. AU Kuanchertchoo, N; Suwanpreedee, R; Kulprathipanja, S; Aungkavattana, P; Atong, D; Hemra, K; Rirksomboon, T Wongkasemjit, S
TI Effects of synthesis parameters on zeolite membrane formation and performance by microwave technique
SO APPLIED ORGANOMETALLIC CHEMISTRY PD OCT PY 2007 VL 21 IS 10 BP 841 EP 848
Natl Met & Mat Technol Ctr, Pathum Thani, Thailand.

58. AU Suwantong, O; Opanasopit, P; Ruktanonchal, U; Supaphol, P
TI Electrospun cellulose acetate fiber mats containing curcumin and release characteristic of the herbal substance
SO POLYMER PD DEC 13 PY 2007 VL 48 IS 26 BP 7546 EP 7557
Natl Nanotechnol Ctr, Klongluang, Phathumthani, Thailand.

59.AU Naidu, RA; Adkins, S; Ravi, KS; Chiemsombat, P; Jain, RK; Savithri, HS; Gajanandana, O; Muniyappa, V Riley, DJ
TI Epidemiology of Tospoviruses in South and Southeast Asia: Current status and future prospects
SO JOURNAL OF INSECT SCIENCE PD MAY 4 PY 2007 VL 7 PG 2
Natl Ctr Genet Engn & Biotechnol, Pathum Thani 12120, Thailand.

60. AU Isaka, M; Srisanoh, U; Lartpornmatulee, N; Boonruangprapa, T
TI ES-242 derivatives and cycloheptapeptides from Cordyceps sp strains BCC 16173 and BCC 16176
SO JOURNAL OF NATURAL PRODUCTS PD OCT PY 2007 VL 70 IS 10 BP 1601 EP 1604
C1 Natl Ctr Genet Engn Biotechnol BIOTEC, Klongluang 12120, Pathumthani, Thailand.

61. AU Billamas, P; Smittipat, N; Juthayothin, T; Thong-On,

A; Yamada, N; Yanai, H; Palittapongarnpim, P
TI Evolution of some variable-number tandem repeat loci among a group of Beijing strains of Mycobacterium tuberculosis
SO TUBERCULOSIS PD NOV PY 2007 VL 87 IS 6 BP 498 EP 501
Natl Sci & Technol Dev Agcy, Natl Ctr Genet Engn & Biotechnol, Pathum Thani, Thailand.

62. AU Preechaphol, R; ; Leelatanawit, R; ; Sittikankeaw, K; Klinbunga, S; Khamnamtong, B; Puanglarp, N; Menasveta, P
TI Expressed sequence tag analysis for identification and characterization of sex-related genes in the giant tiger shrimp Penaeus monodon
SO JOURNAL OF BIOCHEMISTRY AND MOLECULAR BIOLOGY PD JUL 31 PY 2007 VL 40 IS 4 BP 501 EP 510
Natl Sci & Technol Dev Agcy, Natl Ctr Genet Engn & Biotechnol, Aquat Mol Genet & Biotechnol Lab, Klongluang 12120, Pathumthani, Thailand.

63. AU Jiravanichpaisal, P; Narongsak, P; Petkon, S; Donnuea, S; Soderhall, I; Soderhall, K
TI Expression of immune-related genes in larval stages of the giant tiger shrimp, Penaeus monodon
SO FISH & SHELLFISH IMMUNOLOGY PD OCT PY 2007 VL 23 IS 4 BP 815 EP 824
C1 Natl Sci & Technol Dev Agcy, Natl Ctr Genet Engn & Biotechnol, Mol Aquat Biol & Genet Lab, Bangkok 10400, Thailand.

64. AU Sumriddetchkajorn, S; Katanyukunanon, K; Srikhirin, T; A
TI Fiber loop mirror-based optical transmissivity and optical phase retardation measurement architecture
SO APPLIED OPTICS PD DEC 10 PY 2007 VL 46 IS 35 BP 8461 EP 8465
C1 Natl Elect & Comp Technol Ctr, Photon Technol Lab, Natl Sci & Technol Dev Agcy, Minist Sci & Technol, Klongluang, Pathumthani, Thailand.

65. AU Janvikul, W; Uppanan, P; Thavornyutikarn, B; Prateepasen, R; Swasdison, S
TI Fibroblast interaction with carboxymethylchitosan-based hydrogels
SO JOURNAL OF MATERIALS SCIENCE-MATERIALS IN MEDICINE PD MAY PY 2007 VL 18 IS 5 BP 943 EP 949
C1 Natl Met & Mat Technol Ctr, Pathum Thani 12120, Thailand.

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TI Gas/solid reaction during sintering of Si_3N_4 ceramics in an air furnace
SO JOURNAL OF THE EUROPEAN CERAMIC SOCIETY PY 2007 VL 27 IS 4 BP 2111-17
Natl Met & Mat Technol Ctr, Pathum Thani 12120, Thailand.

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TI Gelling properties of white shrimp (Penaeus vannamei) meat as influenced by setting condition and microbial transglutaminase
SO LWT-FOOD SCIENCE AND TECHNOLOGY PY 2007 VL 40 IS 9 BP 1489-97
Natl Sci & Technol Dev Agcy, Natl Ctr Genet Engn & Biotechnol, Klongluang 12120, Pathumthani, Thailand.

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TI Gene expression of enzymes related to biosynthesis of antioxiclative flavonoids in Siamese neem tree leaves
SO PLANTA MEDICA PD AUG PY 2007 VL 73 IS 9 BP 893
Natl Ctr Genet Engn & Biotechnol, Pathum Thani, Thailand.

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HA;Wongsiri, S
TI Genetic differentiation of the giant honey bee (Apis dorsata) in
Thailand analyzed by mitochondrial genes and microsatellites
SO BIOCHEMICAL GENETICS PD APR PY 2007 VL 45 IS 3-4 BP 345 EP 361
Natl Sci & Technol Dev Agcy, Natl Ctr Genet Engn & Biotechnol, Pathum Thani 12120, Thailand.

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TI Genetic heterogeneity of the blue swimming crab (Portunus pelagicus) in
Thailand determined by AFLP analysis
SO BIOCHEMICAL GENETICS PD OCT PY 2007 VL 45 IS 9-10 BP 725 EP 736
C1 NSTDA, Aquat Mol Genet & Biotechnol Lab, Natl Ctr Genet Engn & Biotechnol BIOTEC, Klongluang 12120, Pathum Thani, Thailand.

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TI Geometrical optics analysis for reduction of trapezoidal image
distortion in a single prism-based optical fingerprint scanner
SO OPTICS AND LASERS IN ENGINEERING PD JAN PY 2007 VL 45 IS 1 BP 229 EP 239
C1 Natl Sci & Technol Dev Agcy, Natl Elect & Comp Technol Ctr, Electroopt Sect, Klongluang 12120, Pathumthani, Thailand.

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correlation
SO IEEE TRANSACTIONS ON VEHICULAR TECHNOLOGY PD NOV PY 2007 VL 56 IS 6 PN Part 2
BP 3631EP 3641
C1 Natl Sci & Technol Agcy, Pathum Thani 11000, Thailand.

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Yimnirun, R
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annealing and uniaxial stress
SO JOURNAL OF PHYSICS-CONDENSED MATTER PD JUN 13 PY 2007 VL 19 IS 23
Natl Met & Mat Technol Ctr, Pathum Thani 12120, Thailand.

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TI Giant dielectric permittivity observed in $CaCu_3Ti_4O_{12}$/(Li,Ti)-doped NiO
composites
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Natl Met & Mat Technol Ctr MTEC, Pathum Thani 12120, Thailand.

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TI Giant dielectric response in (Li, Ti)-doped NiO ceramics synthesized by
the polymerized complex method
SO ACTA MATERIALIA PD MAY PY 2007 VL 55 IS 8 BP 2851 EP 2861
Natl Met & Mat Technol Ctr, Pathum Thani 12120, Thailand.

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Nakagawa, Y;Tanticharoen, M; Yamada, Y
TI Gluconobacter kondonii sp nov., an acetic acid bacterium in the
alpha-Proteobacteria
SO JOURNAL OF GENERAL AND APPLIED MICROBIOLOGY PD OCT PY 2007 VL 53 IS 5 BP 301
EP 307C1 Natl Sci & Technol Dev Agcy, Natl Ctr Genet Engn & Biotechnol, BIOTEC Culture Collect, Pathumathani 12120, Thailand.

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TI Glycinebetaine accumulation, physiological characterizations and growth
efficiency in salt-tolerant and salt-sensitive lines of indica rice
(Oryza sativa L. Ssp indica) in response to salt stress
SO JOURNAL OF AGRONOMY AND CROP SCIENCE PD JUN PY 2007 VL 193 IS 3 BP 157 EP 166
C1 Natl Sci & Technol Dev Agcy, Natl Ctr Genet Engn & Biotechnol, Klongluang 12120, Pathumthani, Thailand.

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TI Halococcus thailandensis sp nov., from fish sauce in Thailand
SO INTERNATIONAL JOURNAL OF SYSTEMATIC AND EVOLUTIONARY MICROBIOLOGY PD OCT
PY 2007 VL 57 PN Part 10 BP 2199 EP 2203
Natl Ctr Genet Engn & Biotechnol, Pathum Thani 12120, Thailand.

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TI Hepatopancreatic nuclease of black tiger shrimp Penaeus monodon
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SO FISH & SHELLFISH IMMUNOLOGY PD JUN PY 2007 VL 22 IS 6 BP 617 EP 627
Natl Ctr Genet Engn & Biotechnol, Pratum Thani, Thailand.

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TI High expression of a novel leucine-rich repeat protein in hemocytes and
the lymphoid organ of the black tiger shrimp Penaeus mouodon
SO FISH & SHELLFISH IMMUNOLOGY PD MAR PY 2007 VL 22 IS 3 BP 264 EP 271
Natl Sci & Technol Dev Agcy, Natl Ctr Genet Engn & Biotechnol, Pathum Thani 12120, Thailand.

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Koch, M;Stuart, DI; Harlos, K;Malasit, P; Screaton, G; Mongkolsapaya, J;Jones, EY
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crystals of HLA-A*1101 complexed with variant peptides from dengue virus
SO ACTA CRYSTALLOGRAPHICA SECTION F-STRUCTURAL BIOLOGY AND CRYSTALLIZATION
COMMUNICATIONS PD MAY PY 2007 VL 63 PN Part 5 BP 386 EP 392
Natl Sci & Technol Dev Agcy, Natl Ctr Genet Engn & Biotechnol BIOTEC, Med Biotechnol Unit, Bangkok, Thailand.

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Limpijumnong, S; Rujirawat, S
TI Identification of bulk and surface sulfur impurities in TiO_2 by
synchrotron x-ray absorption near edge structure
SO APPLIED PHYSICS LETTERS PD OCT 1 PY 2007 VL 91 IS 14
Natl Met & Mat Technol Ctr, Pathum Thani 12120, Thailand.

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Ruanglek, V;Cheevadhanarak, S;Nielsen, J; Bhumiratana, S
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modes: A systems biology tool for analysis of metabolic networks
SO BIOTECHNOLOGY AND BIOENGINEERING PD AUG 15 PY 2007 VL 97 IS 6 BP 1535 EP 1549
Natl Sci & Technol Dev Agcy, NSTDA, Minist Sci & Technol, Klongluang 12120, Pathumthani, Thailand.

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SO JOURNAL OF GENERAL AND APPLIED MICROBIOLOGY PD FEB PY 2007 VL 53 IS 1 BP 7 EP 15
Natl Sci & Technol Dev Agcy, BIOTEC Culture Collect, Natl Ctr Genet Engn & Biotechnol, Pathum Thani 12120, Thailand.

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SO BIOINFORMATICS PD OCT 15 PY 2007 VL 23 IS 20 BP 2797 EP 2799
Natl Sci & Technol Dev Agcy, Natl Ctr Genet Engn & Biotechnol, Pathum Thani 12120, Thailand.

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SO AQUACULTURE PD SEP 28 PY 2007 VL 270 IS 1-4 BP 485 EP 492
C1 Natl Ctr Genet Engn & Biotechnol, Pathum Thani 12120, Thailand.

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SO JOURNAL OF GENERAL AND APPLIED MICROBIOLOGY PD AUG PY 2007 VL 53 IS 4 BP 259 EP 264
C1 Natl Sci & Technol Dev Agcy, Natl Ctr Genet Engn & Bitoechnol, BIOTEC Culture Collect, BIOTEC Cent Res Unit, Klongluang 12120, Pathumthani, Thailand.

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TI Identification of Thai isolates assigned to the genus Gluconobacter based on 16S-23S rDNA ITS restriction analysis
SO JOURNAL OF GENERAL AND APPLIED MICROBIOLOGY PD APR PY 2007 VL 53 IS 2 BP 133 EP 142
C1 Natl Sci & Technol Dev Agcy, Natl Ctr Genet Engn & Biotechnol, BIOTEC Culture Collect, BIOTEC Cent Res Unit, Pathum Thani 12120, Thailand.

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SO ANALYTICAL CHEMISTRY PD JUL 1 PY 2007 VL 79 IS 13 BP 5006 EP 5012
C1 Natl Sci & Technol Dev Agcy, Natl Ctr Genet Engn & Biotechnol, Klongluang 12120, Pathumtani, Thailand.

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TI Impedance analysis of bio-fuel cell electrodes
SO BIOSENSORS & BIOELECTRONICS PD DEC 15 PY 2007 VL 23 IS 5 BP 721 EP 727
Natl Met & Mat Technol Ctr, Natl Sci & Technol Dev Agcy, Pathum Thani

12120, Thailand.

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units into the main chain: Application to poly(alkylthiophenes)
SO CHEMISTRY OF MATERIALS PD MAR 20 PY 2007 VL 19 IS 6 BP 1472 EP 1481
Natl Nanotechnol Ctr, Bangkok 12120, Thailand.

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Thongpanchang, C; Vichai, V
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and anti-malarial drugs from Thai flora and microbes
SO PHARMACOLOGY & THERAPEUTICS PD SEP PY 2007 VL 115 IS 3 BP 307 EP 351
C1 Natl Ctr Genet Engn & Biotechnol BIOTEC, Klongluang 12120, Patumtani, Thailand.

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TI In vitro activities of cloxyquin (5-chloroquinolin-8-ol) against
Mycobacterium tuberculosis
SO ANTIMICROBIAL AGENTS AND CHEMOTHERAPY PD MAR PY 2007 VL 51 IS 3 BP 1105 EP 1106
Natl Sci & Technol Dev Agcy, Pathum Thani, Thailand.

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TI Indentation across size scales and disciplines: Recent developments in
experimentation and modeling
SO ACTA MATERIALIA PD JUL PY 2007 VL 55 IS 12 BP 4015 EP 4039
Natl Met & Mat Technol Ctr, Pathum Thani 12120, Thailand.

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promoters with distinct tissue-specific activity
SO PLANT BIOTECHNOLOGY REPORTS PD NOV PY 2007 VL 1 IS 4 BP 251 EP 257
Natl Ctr Genet Engn & Biotechnol, Klongluang 12120, Pathumthani, Thailand.

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TI Influence of accelerator type on properties of NR/EPDM blends
SO POLYMER TESTING PD DEC PY 2007 VL 26 IS 8 BP 1062 EP 1067
C1 Natl Met & Mat Technol Ctr, Pathum Thani 12120, Thailand.

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TI Influence of silica loading on the mechanical properties and resistance
to oil and thermal aging of CR/NR blends
SO JOURNAL OF APPLIED POLYMER SCIENCE PD JUN 5 PY 2007 VL 104 IS 5 BP 3478 EP 3483
C1 Natl Met & Mat Technol Ctr, Pathum Thani 12120, Thailand.

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TI Inheritance of qualitative traits and heterosis in bambara groundnut
(Vigna subterranea (L.) Verdc.)
SO KOREAN JOURNAL OF GENETICS PD SEP PY 2007 VL 29 IS 3 BP 285 EP 290
Natl Ctr Genet Engn & Biotechnol, Rice Gene Discovery Unit, Nakhon Pathom 73140, Thailand.

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TI Interaction between fish myoglobin and myosin in vitro
SO FOOD CHEMISTRY PY 2007 VL 103 IS 4 BP 1168 EP 1175
Nat Sci & Technol Dev Agcy, Natl Ctr Genet Engn & Biotechnol, Klongluang 12120, Pathumthani, Thailand.

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SO JOURNAL OF NATURAL PRODUCTS PD SEP PY 2007 VL 70 IS 9 BP 1478 EP 1480
C1 Natl Ctr Genet Engn & Biotechnol BIOTEC, Klongluang 12120, Pathumthani, Thailand.

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TI Lauriomyces cylindricus and Lauriomyces ellipticus spp. nov., two new
hyphomycetes from tropical forest of Thailand
SO NOVA HEDWIGIA PD MAY PY 2007 VL 84 IS 3-4 BP 479 EP 486
C1 Natl Sci & Technol Dev Agcy, Natl Ctr Genet Engn & Biotechnol, Pathum Thani 12120, Thailand.

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TI Low cost thin film based piezoresistive MEMS tactile sensor
SO SENSORS AND ACTUATORS A-PHYSICAL PD SEP 12 PY 2007 VL 139 IS 1-2
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BP 17 EP 22
C1 Natl Electron & Comp Technol Ctr, Pathum Thani, Thailand.

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TI Macro, micro and nanostructure of TiO_2 anodised films prepared in a
fluorine-containing electrolyte
SO JOURNAL OF MATERIALS SCIENCE PD AUG PY 2007 VL 42 IS 16 BP 6729 EP 6734
MTEC Natl Met & Mat Technol Ctr, Klongluang 12120, Pathumthani, Thailand.

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TI Megalohypha, a new genus in the Jahnulales from aquatic habitats in the
tropics
SO MYCOLOGIA PD MAY-JUN PY 2007 VL 99 IS 3 BP 456 EP 460
Natl Ctr Genet Engn & Biotechnol, BIOTEC Mycol, Klongluang 12120, Pathumthani, Thailand.

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Bunyapaiboonsri, T; Isaka, M
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theobromae BCC 4162
SO JOURNAL OF ANTIBIOTICS PD DEC PY 2007 VL 60 IS 12 BP 748 EP 751

C1 Natl Ctr Genet Engn & Biotechnol BIOTEC, Klongluang 12120, Pathumathani, Thailand.

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Rungjindamai, N; Sakayaroj, J
TI Metabolites from the xylariaceous fungus PSU-A80
SO CHEMICAL & PHARMACEUTICAL BULLETIN PD SEP PY 2007 VL 55 IS 9 BP 1316 EP 1318
Natl Ctr Genet Engn & Biotechnol, BIOTEC, Klongluang 12120, Pathumthani, Thailand.

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Asawatreratanakul, P;Limsakul, C;Wongkittisuksa, B;Kanatharana, P
TI Microfluidic conductimetric bioreactor
SO BIOSENSORS & BIOELECTRONICS PD JUN 15 PY 2007 VL 22 IS 12 SI Sp. Iss. SI
BP 3064 EP 3071
Natl Elect & Comp Technol Ctr, Nanoelect & MEMS Lab, Pathum Thani 12120, Thailand.

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TI Modeling and experimental study on performance of inverter air conditioner with variation of capillary tube using R-22 and R-407C
SO ENERGY CONVERSION AND MANAGEMENT PD FEB PY 2007 VL 48 IS 2 BP 344 EP 354
Natl Sci & Technol Dev Agcy, Pathum Thani 12120, Thailand.

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TI Molecular cloning, characterization and expression of a masquerade-like serine proteinase homologue from black tiger shrimp Penaeus monodon
SO FISH & SHELLFISH IMMUNOLOGY PD MAY PY 2007 VL 22 IS 5 BP 535 EP 546
Natl Sci & Technol Dev Agcy, Natl Ctr Genet Engn & Biotechnol, BIOTEC, Pathum Thani 12120, Thailand.

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TI Molecular formula analysis by an MS/MS/MS technique to expedite dereplication of natural products
SO ANALYTICAL CHEMISTRY PD FEB 1 PY 2007 VL 79 IS 3 BP 1187 EP 1197
Natl Sci & Technol Dev Agcy, Natl Nanotechnol Ctr, Bangkok 12120, Thailand.

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SO MICROBIAL ECOLOGY PD JUL PY 2007 VL 54 IS 1 BP 21 EP 30
C1 Natl Ctr Genet Engn & Biotechnol, Biochem Engn & Pilot Plant Res & Dev Unit, Bangkok, Thailand.

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TI National foresight in science and technology strategy development
SO FUTURES PD AUG PY 2007 VL 39 IS 6 BP 718 EP 728

C1 Natl Sci & Technol Dev Agcy, Minist Sci & Technol, Pathum Thani 12120, Thailand.

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SO CHEMICAL & PHARMACEUTICAL BULLETIN PD SEP PY 2007 VL 55 IS 9 BP 1404 EP 1405
Natl Ctr Genet Engn Biotechnol, BIOTEC, Klongluang 12120, Pathumthani, Thailand.

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SO CHEMICAL & PHARMACEUTICAL BULLETIN PD FEB PY 2007 VL 55 IS 2 BP 304 EP 307
C1 Natl Ctr Genet Engn & Biotechnol BIOTEC, Klongluang 12120, Pathumthani, Thailand.

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TI Novel bioactive compounds from insect pathogenic fungi
SO JOURNAL OF SYNTHETIC ORGANIC CHEMISTRY JAPAN PD JUL PY 2007 VL 65 IS 7 BP 700 EP 708
C1 Natl Ctr Genet Engn & Biotechnol, Pathum Thani, Thailand.

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TI Occurrence of fungi on tissues of the peat swamp palm Licuala longicalycata
SO FUNGAL DIVERSITY PD APR 30 PY 2007 VL 25 BP 157 EP 173
Natl Ctr Genet Engn & Biotechnol, Khlong Luang 12120, Pathum Thani, Thailand.

118.AU Artieres, T; Marukatat, S; Gallinari, P
TI Online handwritten shape recognition using segmental hidden Markov models
SO IEEE TRANSACTIONS ON PATTERN ANALYSIS AND MACHINE INTELLIGENCE PD FEB
PY 2007 VL 29 IS 2 BP 205 EP 217
NECTEC, Pathum Thani 12120, Thailand.

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TI Optimization of culture conditions for production of the anti-tubercular alkaloid hirsutellone A by Trichoderma gelatinosum BCC 7579
SO LETTERS IN APPLIED MICROBIOLOGY PD MAY PY 2007 VL 44 IS 5 BP 531 EP 537
C1 Natl Sci & Technol Dev Agcy, Natl Ctr Genet Engn & Biotechnol, BIOTEC, Klongluang, Pathumthani, Thailand.

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TI Outbreaks of infectious myonecrosis virus (IMNV) in Indonesia confirmed by genome sequencing and use of an alternative RT-PCR detection method
SO AQUACULTURE PD JUN 1 PY 2007 VL 266 IS 1-4 BP 32 EP 38

Natl Sci & Technol Dev Agcy, Natl Ctr Genet Engn & Biotechnol, Pathum Thani 12120, Thailand.

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TI Paecilodepsipeptide A, an antimalarial and antitumor cyclohexadepsipeptide from the insect pathogenic fungus Paecilomyces cinnamomeus BCC 9616
SO JOURNAL OF NATURAL PRODUCTS PD APR PY 2007 VL 70 IS 4 BP 675 EP 678
C1 Natl Ctr Genet Engn & Biotechnol, BIOTEC, Pathum Thani 12120, Thailand.

122.AU Chaisitsak, S; Nukeaw, J; Tuantranont, A
TI Parametric study of atmospheric-pressure single-walled carbon nanotubes growth by ferrocene-ethanol mist CVD
SO DIAMOND AND RELATED MATERIALS PD NOV PY 2007 VL 16 IS 11 BP 1958 EP 1966
Natl Elect & Comp Technol Ctr, Pathum Thani 12120, Thailand.

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TI Performance improvement of P/M 316L by addition of liquid phase forming powder
SO MATERIALS SCIENCE AND ENGINEERING A-STRUCTURAL MATERIALS PROPERTIES MICROSTRUCTURE AND PROCESSING PD FEB 15 PY 2007 VL 445 BP 440 EP 445
C1 Natl Met & Mat Technol Ctr, PM RDU, Klongluang 12120, Pathumthani, Thailand.

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TI Phase-field modeling of transport-limited electrolysis in solid and liquid states
SO JOURNAL OF THE ELECTROCHEMICAL SOCIETY PY 2007 VL 154 IS 6 BP F122 EP F133
C1 Natl Met & Mat Technol Ctr, Pathum Thani 12120, Thailand.

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TI Phenoloxidase is an important component of the Defense against Aeromonas hydrophila infection in a crustacean, Pacifastacus leniusculus
SO JOURNAL OF BIOLOGICAL CHEMISTRY PD NOV 16 PY 2007 VL 282 IS 46 AR 33593
Natl Sci & Technol Dev Agcy, Natl Ctr Genet Engn & Biotechnol, Mol Aquat Biol & Genet Lab, Bangkok 10400, Thailand.

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TI Phylogenetic classification of Cordyceps and the clavicipitaceous fungi
SO STUDIES IN MYCOLOGY PY 2007 IS 57 BP 5 EP 59
Natl Ctr Genet Engn & Biotechnol, Pathum Thani, Thailand.

127.AU Spatafora, JW; Sung, GH; Sung, JM; Hywel-Jones, NL; White, JF
TI Phylogenetic evidence for an animal pathogen origin of ergot and

the
grass endophytes
SO MOLECULAR ECOLOGY PD APR PY 2007 VL 16 IS 8 BP 1701 EP 1711
Natl Ctr Genet Engn & Biotechnol, Mycol Lab, Pathum Thani 12120, Thailand.

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TI Phylogenetic relationships among taxa in the Jahnulales inferred from
18S and 28S nuclear ribosomal DNA sequences
SO CANADIAN JOURNAL OF BOTANY-REVUE CANADIENNE DE BOTANIQUE PD SEP PY 2007
VL 85 IS 9 BP 873 EP 882
Natl Sci & Technol Dev Agcy, BIOTEC Mycol, Natl Ctr Genet Engn & Biotechnol, Klongluang 12120, Thailand.

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Limtong, S; Potacharoen, W; Tanticharoen, M
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acaciae isolated from insect frass in Thailand
SO JOURNAL OF GENERAL AND APPLIED MICROBIOLOGY PD DEC PY 2007 VL 53 IS 6
BP 345 EP 351
Natl Sci & Technol Dev Agcy, Natl Ctr Genet Engn & Biotechnol, Cent Res Unit, Pathum Thani 12120, Thailand.

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polyester resins for electrostatic powder coating: powder recycling and
loss prevention
SO ADVANCED POWDER TECHNOLOGY PD MAR PY 2007 VL 18 IS 2 BP 175 EP 186
Natl Nanotechnol NANOTEC, Convent Ctr, Klongluang 12120, Pathumthani, Thailand.

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TI Practical requirements for alumina armor systems
SO AMERICAN CERAMIC SOCIETY BULLETIN PD MAR PY 2007 VL 86 IS 3 BP A20 EP U7
C1 Natl Met & Mat Technol Ctr, Klongluang 12120, Patumtani, Thailand.

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as catalyst for wastewater treatment
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Natl Sci & Technol Dev Agcy, NSTDA, Pathum Thani 12120, Thailand.

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SO SENSORS AND ACTUATORS A-PHYSICAL PD SEP 12 PY 2007 VL 139 IS 1-2
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Natl Met & Mat Technol Ctr, Pathum Thani 12120, Thailand.

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SO POLYMER TESTING PD JUN PY 2007 VL 26 IS 4 BP 519 EP 525
C1 Natl Met & Mat Technol Ctr, Pathum Thani 12120, Thailand.

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Natl Met & Mat Technol Ctr, Pathum Thani 12120, Thailand.

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Natl Ctr Genet Engn & Biotechnol, Med Biotechnol Unit, Bangkok, Thailand.

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Natl Sci & Technol Dev Agcy, Natl Ctr Genet Engn & Biotechnol, Klongluang 12120, Pathumthani, Thailand.

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C1 Natl Ctr Genet Engn & Biotechnol, BIOTEC Cent Res Unit, Mol & Enzyme Screening Lab, Klongluang 12120, Patumathani, Thailand.

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SO JOURNAL OF ANALYTICAL AND APPLIED PYROLYSIS PD MAR PY 2007 VL 78 IS 2
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NSTDA, Natl Nanotechnol Ctr, Pathum Thani, Thailand.

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EP 121
Natl Met & Mat Technol Ctr, MTEC, Klongluang, Pathumthani, Thailand.

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SO MOLECULAR BIOTECHNOLOGY PD JUN PY 2007 VL 36 IS 2 BP 123 EP 130
Natl Ctr Genet Engn & Biotechnol, Bangkok 10150, Thailand.

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Natl Ctr Genet Engn & Biotechnol, Bangkok 10150, Thailand.

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NSTDA, Natl Ctr Genet Engn & Biotechnol, BIOTEC, Med Biotechnol Unit, Pathum Thani, Thailand.

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SO BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS PD OCT 19 PY 2007
VL 362 IS 2 BP 334 EP 339
Natl Sci & Technol Dev Agcy, Natl Ctr Genet Engn & Biotechnol, Bangkok, Thailand.

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Natl Met & Mat Technol Ctr MTEC, Bangkok, Thailand.

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SO ASIA-PACIFIC JOURNAL OF CHEMICAL ENGINEERING PD JAN-FEB PY 2007 VL 2 IS 1 BP 41 EP 46
NSTDA, Natl Nanotechnol Ctr, Pathum Thani 12120, Thailand.

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Natl Ctr Genet Engn & Biotechnol, Cassava & Starch Technol Res Unit, Klongluang, Thailand.

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Natl Ctr Genet Engn & Biotechnol, Cassava & Starch Technol Res Unit, Klongluang, Thailand.

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Natl Sci & Technol Dev Agcy, Natl Nanotechnol Ctr, Klongluang, Pathumthani, Thailand.

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SO REACTIVE & FUNCTIONAL POLYMERS PD OCT PY 2007 VL 67 IS 10 BP 865 EP 882
Natl Nanotechnol Ctr, Pathum Thani 12120, Thailand.

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SO CHEMICAL & PHARMACEUTICAL BULLETIN PD JUN PY 2007 VL 55 IS 6 BP

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Natl Ctr Genet Engn & Biotechnol BIOTEC, Klongluang 12120, Pathumthani, Thailand.

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C1 Natl Met & Mat Technol Ctr, Pathum Thani 12120, Thailand.

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NSTDA, Natl Nanotechnol Ctr, NANOTEC, Pathum Thani 12120, Thailand.

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SO SPEECH COMMUNICATION PD JAN PY 2007 VL 49 IS 1 BP 8 EP 27
C1 Natl Elect & Comp Technol Ctr, Informat R&D Div, Speech Technol Res Sect, Klongluang 12120, Pathumthani, Thailand.

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SO JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY PD MAY 30 PY 2007 VL 55 IS 11 BP 4562 EP 4568
Natl Sci & Technol Dev Agcy, Natl Ctr Genet Engn & Biotechnol, Klongluang 12120, Pathumthani, Thailand.

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SO INTERNATIONAL JOURNAL FOR PARASITOLOGY PD JUN PY 2007 VL 37 IS 7 BP 787 EP 793
C1 Natl Sci & Technol Dev Agcy, Natl Ctr Genet Engn & Biotechnol, Pathum Thani 12120, Thailand.

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SO PHYTOCHEMICAL ANALYSIS PD MAY PY 2007 VL 18 IS 3 BP 229 EP 234
Natl Ctr Genet Engn & Biotechnol, Plant Biochem & Plant Physiobiochem Lab, Pathumtanee, Thailand.
Chulalongkorn Univ, Dept Biochem, Fac Pharmaceut Sci, Bangkok, Thailand.

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Natl Sci & Technol Dev Agcy, Natl Ctr Genet Engn & Biotechnol BIOTEC, Klongluang 12120, Pathumthani, Thailand.

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Natl Sci & Technol Dev Agcy, Natl Ctr Genet Engn & Biotechnol, Pathum Thani 12120, Thailand.

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SO MYCOLOGIA PD NOV-DEC PY 2007 VL 99 IS 6 BP 884 EP 894
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Natl Ctr Genet Engn & Biotechnol, BIOTEC Cent Res Unit, Pathum Thani 12120, Thailand.

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Natl Elect & Comp Technol Ctr, Pathum Thani 12120, Thailand.

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SO DEVELOPMENTAL AND COMPARATIVE IMMUNOLOGY PY 2007 VL 31 IS 3 BP 217 EP 231
Natl Ctr Genet Engn & Biotechnol, BIOTEC, Klongluang, Pathumthani, Thailand.

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C1 Natl Met & Mat Technol Ctr, Pathum Thani 12120, Thailand.

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Natl Sci & Technol Dev Agcy, Natl Ctr Genet Engn & Biotechnol, Klongluang 12120, Pathumthani, Thailand.