

## **International Journal Publications : Year 2008 : 33 Articles**

1. **Ahantarig A\***, Khumthong R, **Kittayapong P**, **Baimai V**. Relative densities of bacteriophage WO and *Wolbachia* bacteria of *Aedes albopictus* mosquito during development. *Ann Microbiol* 2008;58(2):189-193.  
Department : Center for Vectors and Vector-Borne Diseases / Biology  
Author's Status : Academic Staff  
Journal Name : Annals of Microbiology / IF = 0.315 / h index = 9  
Indexed in : ISI-WOS, SCOPUS
2. **Ahantarig A\***, **Trinachartvanit W**, **Kittayapong P**. Relative *Wolbachia* density of field-collected *Aedes albopictus* mosquitoes in Thailand. *J Vector Ecol Jun* 2008;33(1):173-177.  
Department : Center for Vectors and Vector-Borne Diseases / Biology  
Author's Status : Academic Staff  
Journal Name : Journal of Vector Ecology / IF = 0.814 / h index = 17  
Indexed in : ISI-WOS, SCOPUS
3. **Auesukaree C**, Fuchigami I, Homma T, Kaneko Y, Harashima S\*. Ddi1p and Rad23p play a cooperative role as negative regulators in the PHO pathway in *Saccharomyces cerevisiae*. *Biochem Biophys Res Commun Jan* 2008;365(4):821-5.  
Department : Biology  
Author's Status : Academic Staff  
Journal Name : Biochemical and Biophysical Research Communications / IF = 2.749 / h index = 131  
Indexed in : ISI-WOS, SCOPUS
4. Azarkh E, Robinson E, **Hirunkanokpun S**, Afanasiev B, **Kittayapong P**, Carlson J\*, Corsini J. Mosquito densovirus non-structural protein NS2 is necessary for a productive infection. *Virology Apr* 2008;374(1):128-37.  
Department : Biology / Ctr Excellence Vectors & Vector Borne Disease  
Author's Status : Academic Staff / Ph.D.Student  
Journal Name : Virology / IF = 3.765 / h index = 93  
Indexed in : ISI-WOS, PubMed
5. **Barbazan P**, **Thitithanyanont A**, Misse D, **Dubot A**, Bosc P, **Luangsri N**, **Gonzalez JP**, **Kittayapong P\***. Detection of H5N1 avian influenza virus from mosquitoes collected in an infected poultry farm in Thailand. *Vector-Borne Zoonotic Dis Apr* 2008;8(1):105-9.  
Department : Ctr Excellence Vectors & Vector Borne Disease / Microbiology / Biology  
Author's Status : Academic Staff / Research Staff  
Journal Name : Vector-Borne and Zoonotic Diseases / IF = 1.919 / h index = 17  
Indexed in : ISI-WOS, SCOPUS
6. Chanthorn W, **Brockelman WY\***. Seed dispersal and seedling recruitment in the light-demanding tree *Choerospondias axillaris* in old-growth forest in Thailand. *ScienceAsia Jun* 2008;34(2):129-135.  
Department : Biology  
Author's Status : Academic Staff  
Journal Name : ScienceAsia / h index = 2  
Indexed in : ISI-WOS (since Mar 2008), SCOPUS

7. **Chintakovid W, Visoottiviseth P\***, Khokiattiwong S, **Lauengsuchonkul S**. Potential of the hybrid marigolds for arsenic phytoremediation and income generation of remediators in Ron Phibun District, Thailand. *Chemosphere* Feb 2008; 70(8):1532-7.  
Department : Biology / Biotechnology  
Author's Status : Academic Staff / Student (Biology)  
Journal Name : Chemosphere / IF = 2.739 / h index = 62  
Indexed in : ISI-WOS, SCOPUS, SciFinder
8. **Hirunkanokpun S**, Carlson JO, **Kittayapong P\***. Evaluation of mosquito densovirus for controlling *Aedes aegypti* (Diptera: Culicidae): variation in efficiency due to virus strain and geographic origin of mosquitoes. *Am J Trop Med Hyg* May 2008; 78(5):784-90.  
Department : Biology / Center of Excellence for Vectors and Vector-Borne Diseases  
Author's Status : Academic Staff / Ph.D. Student  
Journal Name : American Journal of Tropical Medicine and Hygiene / IF = 2.183 / h index = 63  
Indexed in : ISI-WOS
9. **Homyog K, Pokethitiyook P, Kruatrachue M, Chaiyarat R**, Ngernsarsaruay C. Spatial and seasonal variations in lead content of plants colonizing the Bo Ngam lead mine, Thailand. *ScienceAsia* Jun 2008; 34(2):169-78.  
Department : Biology  
Author's Status : Academic Staff / Ph.D. Student  
Journal Name : ScienceAsia / h index = 2  
Indexed in : SciFinder, SCOPUS, ISI-WOS (since Mar 2008)
10. **Jankong P, Visoottiviseth P\***. Effects of arbuscular mycorrhizal inoculation on plants growing on arsenic contaminated soil. *Chemosphere* Jul 2008; 72(7):1092-7.  
Department : Biology  
Author's Status : Academic Staff / Ph.D. Student  
Journal Name : Chemosphere / IF = 2.739 / h index = 62  
Indexed in : ISI-WOS, SCOPUS
11. Kennerley PR, Bakewell DN, **Round PD**. Rediscovery of a long-lost Charadrius plover from South-East Asia. *Forktail* 2008; 24:63-79.  
Department : Biology  
Author's Status : Academic Staff  
Journal Name : Forktail  
Indexed in : SCOPUS
12. **Kittayapong P\***, Yoksan S, Chansang U, **Chansang C, Bhumiratana A**. Suppression of dengue transmission by application of integrated vector control strategies at sero-positive GIS-Based foci. *Am J Trop Med Hyg* Jan 2008; 78(1):70-6.  
Department : Ctr Excellence Vectors & Vector Borne Diseases / Biology / Biotechnology  
Author's Status : Academic Staff / Ph.D. Student (Dept. Biology)  
Journal Name : American Journal of Tropical Medicine and Hygiene / IF = 2.183 / h index = 63  
Indexed in : ISI-WOS, SCOPUS
13. **Kitthawee S**. Forced-contact mating: A technique for crossing experiments with the fruit fly parasitoid, *Diachasmimorpha longicaudata* (Ashmead) (Hymenoptera: Braconidae). *Biol Control* Jan

2008; 41(1): 73-8.

Department : Biology

Author's Status : Academic Staff

Journal Name : Biological Control / IF = 1.572 / h index = 32

Indexed in : ISI-WOS, SCOPUS

14. **Kongrit C\***, **Siripunkaw C**, **Brockelman WY**, Akkarapatumwong V, Wright TF, Eggert LS. Isolation and characterization of dinucleotide microsatellite loci in the Asian elephant (*Elephas maximus*). *Mole Ecol Res Jan* 2008; 8(1): 175-7.

Department : Biology

Author's Status : Academic Staff / Ph.D. Student

Journal Name : Molecular Ecology Resources

Indexed in : ISI-WOS, SCOPUS

15. **Kumkate S**, **Chunchob S**, **Janvilisri T\***. Expression of ATP-binding cassette multidrug transporters in the giant liver fluke *Fasciola gigantica* and their possible involvement in the transport of bile salts and anthelmintics. *Mol Cell Biochem Oct* 2008; 317(1-2): 77-84.

Department : Biology

Author's Status : Academic Staff / Ph.D. Student

Journal Name : Molecular and Cellular Biochemistry / IF = 1.707 / h index = 57

Indexed in : SciFinder, PubMed

16. Larbcharoensub N, Leopairat J, Sirachainan E, Narkwong L, Bhongmakapat T, **Rasmeepaisarn K**, **Janvilisri T\***. Association between multidrug resistance-associated protein 1 and poor prognosis in patients with nasopharyngeal carcinoma treated with radiotherapy and concurrent chemotherapy. *Hum Pathol Jun* 2008; 39(6): 837-45.

Department : Biology

Author's Status : Academic Staff / B.Sc. Student

Journal Name : Human Pathology / IF = 3.034 / h index = 70

Indexed in : ISI-WOS, SCOPUS

17. **Peebua P**, **Kruatrachue M\***, **Pokethitiyook P**, **Singhakaew S**. Histopathological alterations of Nile tilapia, *Oreochromis niloticus* in acute and subchronic alachlor exposure. *J Environ Biol May* 2008; 23(3): 325-331.

Department : Biology

Author's Status : Academic Staff / Research Staff / Ph.D. Student

Journal Name : Journal of Environmental Biology / IF = 0.480 / h index = 10

Indexed in : ISI-WOS

18. **Poolpak T**, **Pokethitiyook P**, **Kruatrachue M**, Arjarasirikoon U, Thanwaniwat N. Residue analysis of organochlorine pesticides in the Mae Klong river of Central Thailand. *J Hazard Mater Aug* 2008; 156(1-3): 230-9.

Department : Biology

Author's Status : Academic Staff / Ph.D. Student

Journal Name : Journal of Hazardous Materials / IF = 2.337 / h index = 45

Indexed in : ISI-WOS, SCOPUS

19. Porntrais S, **Damrongphol P\***. A simple *in vitro* culture of freshwater prawn embryos for laboratory investigations. *J Biol Educ Jun* 2008; 42(3): 138-41.

- Department : Biology  
Author's Status : Academic Staff  
Journal Name : Journal of Biological Education / IF = 0.211 / h index = 11  
Indexed in : ISI-WOS, SCOPUS
20. **Puntheeranurak T\***, Kinne RKH, Gruber HJ, Hinterdorfer P. Single-molecule AFM studies of substrate transport by using the sodium-glucose cotransporter SGLT1. *J Korean Phys Soc* [May 2008;52\(5\):1336-1340](#).  
Department : Biology / Center of Nanoscience and Nanotechnology  
Author's Status : Academic Staff  
Journal Name : Journal of the Korean Physical Society / IF = 1.204 / h index = 22  
Indexed in : ISI-WOS, SCOPUS
21. **Round PD\***, Gale GA. Changes in the status of *Lophura* pheasants in Khao Yai National Park, Thailand: A response to warming climate? *Biotropica* [Mar 2008;40\(2\):225-30](#).  
Department : Biology  
Author's Status : Academic Staff  
Journal Name : Biotropica / IF = 1.704 / h index = 32  
Indexed in : ISI-WOS, SCOPUS
22. Saeung A, **Baimai V**, Otsuka Y, Rattanarithikul R, Somboon P, Junkum A, Tuetun B, Takaoka H, Choochote W\*. Molecular and cytogenetic evidence of three sibling species of the *Anopheles barbirostris* Form A (Diptera : Culicidae) in Thailand. *Parasitol Res* [Feb 2008;102\(3\):499-507](#).  
Department : Biology / Ctr Vectors & Vector Borne Diseases  
Author's Status : Academic Staff  
Journal Name : Parasitology Research / IF = 1.512 / h index = 32  
Indexed in : ISI-WOS
23. **Siripunkaw C, Kongrit C**, Faries KM, Monello RJ, Gompper ME, Eggert LS. Isolation and characterization of polymorphic microsatellite loci in the raccoon (*Procyon lotor*). *Mole Ecol Res* [Jan 2008;8\(1\):199-201](#).  
Department : -  
Author's Status : Ph.D. Student (Biology) / **No Academic Staff**  
Journal Name : Molecular Ecology Resources  
Indexed in : ISI-WOS, SCOPUS
24. Somtrakoon K\*, Suanjit S, **Pokethitiyook P, Kruatrachue M**, Lee H, Upatham S\*. Enhanced biodegradation of anthracene in acidic soil by inoculated *Burkholderia* sp VUN10013. *Curr Microbiol* [Aug 2008;57\(2\):102-6](#).  
Department : Biology  
Author's Status : Academic Staff  
Journal Name : Current Microbiology / IF = 1.167 / h index = 34  
Indexed in : ISI-WOS, SCOPUS
25. Somtrakoon K\*, Suanjit S, **Pokethitiyook P, Kruatrachue M**, Lee H, Upatham S\*. Phenanthrene stimulates the degradation of pyrene and fluoranthene by *Burkholderia* sp VUN10013. *World J Microbiol Biotechnol* [Apr 2008;24\(4\):523-531](#).  
Department : Biology  
Author's Status : Academic Staff

- Journal Name : World Journal of Microbiology & Biotechnology / IF = 0.745 / h index = 24  
Indexed in : ISI-WOS
26. Strasser MJ, Mackenzie NC, Dumstrei K, **Nakkrasae L**, Stebler J, Raz E\*. Control over the morphology and segregation of Zebrafish germ cell granules during embryonic development. *BMC Dev Biol* [May 2008](#); 8: 58.  
Department : -  
Author's Status : Ph.D. Student (Biology) / **No Academic Staff**  
Journal Name : BMC Developmental Biology / IF = 3.337 / h index = 16  
Indexed in : ISI-WOS, SCOPUS
27. **Surat W**, **Kruatrachue M\***, **Pokethitiyook P**, **Tanhan P**, **Samranwanich T**. Potential of *Sonchus arvensis* for the phytoremediation of lead-contaminated soil. *Int J Phytoremediat* [Jul 2008](#); 10(4): 325-42.  
Department : Biology  
Author's Status : Academic Staff  
Journal Name : International Journal of Phytoremediation / IF = 1.489 / h index = 14  
Indexed in : ISI-WOS, SCOPUS
28. **Tangaromsuk J**, Borole AP\*, **Kruatrachue M**, Pokethitiyook P. An integrated biodesulfurization process, including inoculum preparation, desulfurization and sulfate removal in a single step, for removing sulfur from oils. *J Chem Technol Biotechnol* [Oct 2008](#); 83(10): 1375-80.  
Department : Biology  
Author's Status : Academic Staff / Ph.D. Student  
Journal Name : Journal of Chemical Technology and Biotechnology / IF = 1.426 / h index = 39  
Indexed in : SciFinder
29. **Thamthiankul Chankhamhaengdecha S**, Tantichodok A, **Panbangred W\***. Spore stage expression of a vegetative insecticidal gene increase toxicity of *Bacillus thuringiensis* subsp. *aizawai* SP41 against *Spodoptera exigua*. *J Biotechnol* [Sep 2008](#); 136(3-4): 122-8.  
Department : Biology / Biotechnology / MU-OU: CRC  
Author's Status : Academic Staff  
Journal Name : Journal of Biotechnology / IF = 2.565 / h index = 56  
Indexed in : ISI-WOS, SCOPUS
30. Tuntiwaranuruk C\*, Chalermwat K, Pongsakchat V, Meepool A, Upatham ES, **Kruatrachue M**. Infection of *Nematopsis* oocysts in different size classes of the farmed mussel *Perna viridis* in Thailand. *Aquaculture* [Sep 2008](#); 281(1-4): 12-6.  
Department : Biology  
Author's Status : Academic Staff  
Journal Name : Aquaculture / IF = 1.735 / h index = 58  
Indexed in : ISI-WOS, SCOPUS
31. **Waranusantigul P**, **Kruatrachue M\***, **Pokethitiyook P**, **Auesukaree C**. Evaluation of Pb phytoremediation potential in *Buddleja asiatica* and *B. paniculata*. *Water Air Soil Pollut* [Sep 2008](#); 193(1-4): 79-90.  
Department : Biology  
Author's Status : Academic Staff / Ph.D. Student

Journal Name : Water Air and Soil Pollution / IF = 1.224 / h index = 42

Indexed in : ISI-WOS, SCOPUS

32. **Wongsriphuek C**, Dugger BD, Bartuszevige AM. Dispersal of wetland plant seeds by mallards: Influence of gut passage on recovery, retention, and germination. *Wetlands Jun 2008;28(2):290-9*.

Department : -

Author's Status : Student (Biology)

Journal Name : Wetlands / IF = 0.973 / h index = 31

Indexed in : ISI-WOS

33. **Zhang L, Brockelman WY, Allen MA**. Matrix analysis to evaluate sustainability: The tropical tree *Aquilaria crassna*, a heavily poached source of agarwood. *Biol Conserv Jun 2008;141(6):1676-1686*.

Department : Biology / Physics

Author's Status : Academic Staff / Ph.D. Student

Journal Name : Biological Conservation / IF = 3.296 / h index = 62

Indexed in : ISI-WOS, SCOPUS

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