

Faculty of Science, Mahidol University's International Journal Publications
Year 2006 : 300 Articles

Department of Physiology 15 articles

1. **Boonkaewwan C, Toskulkao C, Vongsakul M***. Anti-Inflammatory and immunomodulatory activities of stevioside and its metabolite steviol on THP-1 cells. [J Agric Food Chem Feb 2006;54\(3\):785-9.](#)
Department : Physiology / Microbiology
Author's Status : Academic Staff / Ph.D. Student (Physiology)
Journal Name : Journal of Agricultural and Food Chemistry / IF = 2.507
Indexed in : ISI-WOS, PubMed
2. **Bupha-Intr T, Wattanapermpool J***. Regulatory role of ovarian sex hormones in calcium uptake activity of cardiac sarcoplasmic reticulum. [Am J Physiol Heart Circ Physiol Sep 2006;291\(3\):H1101-8.](#)
Department : Physiology
Author's Status : Academic Staff / Ph.D. Student
Journal Name : American Journal of Physiology - Heart and Circulatory Physiology / IF = 3.560
Indexed in : ISI-WOS, PubMed
3. **Charoenphandhu N, Limlomwongse L, Krishnamra N***. Prolactin directly enhanced Na⁺/K⁺- and Ca²⁺-ATPase activities in the duodenum of female rats. [Can J Physiol Pharmacol May 2006;84\(5\):555-63.](#)
Department : Physiology
Author's Status : Academic Staff
Journal Name : Canadian Journal of Physiology and Pharmacology / IF = 1.522
Indexed in : ISI-WOS
4. **Charoenphandhu N, Tudpor K, Pulsook N, Krishnamra N***. Chronic metabolic acidosis stimulated transcellular and solvent drag-induced calcium transport in the duodenum of female rats. [Am J Physiol-Gastroint Liver Physiol Sep 2006;291\(3\):G446-G455.](#)
Department : Physiology / Consortium for Calcium and Bone Research
Author's Status : Academic Staff / Supporting Staff
Journal Name : American Journal of Physiology-Gastrointestinal and Liver Physiology / IF = 3.472
Indexed in : ISI-WOS
5. **Jantaratnotai N, Utaisincharoen P, Piyachaturawat P, Chongthammakun S, Sanvarinda Y***. Inhibitory effect of *Curcuma comosa* on NO production and cytokine expression in LPS-activated microglia. [Life Sci Jan 2006;78\(6\):571-7.](#)
Department : Pharmacology / Microbiology / Physiology / Anatomy / Center of Neuroscience
Author's Status : Academic Staff / Ph.D.-M.D. Student (Pharmacology)
Journal Name : Life Sciences / IF = 2.512
Indexed in : ISI-WOS, PubMed
6. **Kanchanapoo J, Rao MC, Sophasan S, Suksamram A, Piyachaturawat P***. Inhibitory effects of choleric hydroxyacetophenones on ileal bile acid transport in rats. [Life Sci Feb 2006;78\(14\):1630-6.](#)
Department : Physiology
Author's Status : Academic Staff / Ph.D. Student
Journal Name : Life Sciences / IF = 2.512
Indexed in : ISI-WOS
7. **Lungkaphin A, Lewchalermwongse B, Chatsudthipong V***. Relative contribution of OAT1 and OAT3 transport activities in isolated perfused rabbit renal proximal tubules. [Biochim Biophys Acta Jun 2006;1758\(6\):789-95.](#)
Department : Physiology
Author's Status : Academic Staff / Ph.D. Student
Journal Name : Biochimica et Biophysica Acta (BBA) - Biomembranes / IF = 4.224
Indexed in : ISI-WOS, PubMed
8. Mahagita C, Tanphichai K, Suksamrarn A, Ballatori N, **Piyachaturawat P**. 4-Hydroxyacetophenone-induced choleresis in rats is mediated by the Mrp2-dependent biliary secretion of its glucuronide conjugate. [Pharm Res Nov 2006;23\(11\):2603-10.](#)
Department : Physiology
Author's Status : Academic Staff

Journal Name : Pharmaceutical Research / IF = 2.752
Indexed in : ISI-WOS

9. Ongvarrasopone C*, Roshorm Y, Somyong S, Pothiratana C, **Petchdee S**, Tangkhabuanbutra J, **Sophasan S**, **Panyim S**. Molecular cloning and functional expression of the *Penaeus monodon* 5-HT receptor. [BBA-Gene Struct Expr Jul 2006;1759\(7\):328-39.](#)
Department : Biochemistry / Physiology
Author's Status : Academic Staff / M.Sc. Student (Physiology)
Journal Name : Biochimica et Biophysica Acta - Gene Structure and Expression / IF = 2.506
Indexed in : ISI-WOS
10. **Puntheeranurak S**, **Charoenphandhu N**, **Krishnamra N***. Enhanced trabecular-bone calcium deposition in female rats with a high physiological dose of prolactin diminishes after ovariectomy. [Can J Physiol Pharmacol Oct 2006;84:993-1002.](#)
Department : Physiology
Author's Status : Academic Staff / M.Sc. Student
Journal Name : Canadian Journal of Physiology and Pharmacology / IF = 1.522
Indexed in : ISI-WOS, CAB Abstracts, EMBASE
11. **Rattanakul C**, **Lenbury Y**, Bell J, **Chatsudthipong V**, **Triampo W**, Crooke PS. Spatial Turing-type pattern formation in a model of signal transduction involving membrane-based receptors coupled by G proteins. [Cancer Inform 2006;2:1-15.](#)
Department : Mathematics / Physiology / Physics
Author's Status : Academic Staff
Journal Name : Cancer Informatics
Indexed in : SCOPUS, PubMed
12. **Tradtrantip L**, Boyer JL, Suksamrarn A, **Piyachaturawat P***. Different effects of hydroxyacetophenone analogues on the transcytotic vesicular pathway in rat liver. [Eur J Pharm Oct 2006;547\(1-3\):152-9.](#)
Department : Physiology
Author's Status : Academic Staff / Ph.D. Student
Journal Name : European Journal of Pharmacology / IF = 2.477
Indexed in : ISI-WOS, SCOPUS, SciFinder, PubMed
13. **Tuchinda P***, **Kumkao A**, **Pohmakotr M**, **Sophasan S**, Santisuk T, **Reutrakul V**. Cytotoxic aryl naphthalide lignan glycosides from the aerial parts of *Phyllanthus taxodiifolius*. [Planta Med Jan 2006;72\(1\):60-2.](#)
Department : Chemistry / Physiology
Author's Status : Academic Staff / M.Sc. Student (Chemistry)
Journal Name : Planta Medica / IF = 1.628
Indexed in : ISI-WOS
14. **Tuchinda P***, **Munyoo B**, **Pohmakotr M**, **Thinapong P**, **Sophasan S**, Santisuk T, **Reutrakul V**. Cytotoxic styryl-lactones from the leaves and twigs of *Polyalthia crassa*. [J Nat Prod Dec 2006;69\(12\):1728-33.](#)
Department : Chemistry / Physiology
Author's Status : Academic Staff / M.Sc. Student (Chemistry)
Journal Name : Journal of Natural Products / IF = 2.267
Indexed in : ISI-WOS
15. Weihrauch D, **Kanchanapoo J**, Ao M, Prasad R, **Piyachaturawat P**, Rao MC*. Weanling, but not adult, rabbit colon absorbs bile acids: Flux is linked to expression of putative bile acid transporters. [Am J Physiol Gastrointest Liver Physiol Mar 2006;290\(3\):G439-G450.](#)
Department : Physiology
Author's Status : Academic Staff / Ph.D. Student
Journal Name : American Journal of Physiology - Gastrointestinal and Liver Physiology / IF = 3.472
Indexed in : ISI-WOS

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