1) Boonya-Atichart, A., Boontanon, S.K., Boontanon, N.
   Removal of perfluorooctanoic acid (PFOA) in groundwater by nanofiltration membrane
   DOI: 10.2166/wst.2016.434
   Document Type: Article
   Source: Scopus

2) Mangeard, P.-S., Ruffolo, D., Sáiz, A., Nuntiyakul, W., Bieber, J.W., Clem, J., Evenson, P., Pyle, R.,
   Duldig, M.L., Humble, J.E.
   Dependence of the neutron monitor count rate and time delay distribution on the rigidity spectrum of
   primary cosmic rays
   DOI: 10.1002/2016JA023515
   Document Type: Article
   Source: Scopus

3) Prathumchai, N., Polprasert, C., Englande, A.J.
   Phosphorus leakage from fisheries sector – A case study in Thailand
   (2016) Environmental Pollution, 219, pp. 967-975.
   DOI: 10.1016/j.envpol.2016.09.081
   Document Type: Article
   Source: Scopus

   Satumanatpan, S., Junchompoo, C.
   Using the DPSIR framework for transdisciplinary training and knowledge elicitation in the Gulf of
   Thailand
   DOI: 10.1016/j.ocecoaman.2016.09.005
   Document Type: Article
   Source: Scopus
5) Henríquez, C., Maya, F., Phansi, P., Abouhiat, F.Z., Danchana, K., Cerdà, V.  
**Automatic flow kinetic-catalytic methods**  
DOI: 10.1016/j.trac.2016.08.009  
**Document Type:** Review  
**Source:** Scopus

6) Chailurkit, L.-O., Aekplakorn, W., Ongphiphadhanakul, B.  
**The association of serum bisphenol A with thyroid autoimmunity**  
DOI: 10.3390/ijerph13111153  
**Document Type:** Article  
**Source:** Scopus

**Differential expression of mitochondrial pyruvate dehydrogenase gene correlates with latex yield and tapping in rubber tree**  
DOI: 10.6165/tai.2016.61.295  
**Document Type:** Article  
**Source:** Scopus

8) Meethit, P., Ratanaprasit, P., Sakdaronnarong, C.  
**Candida shehatae and Saccharomyces cerevisiae work synergistically to improve ethanol fermentation from sugarcane bagasse and rice straw hydrolysate in immobilized cell bioreactor**  
DOI: 10.1002/elsc.201500147  
**Document Type:** Article  
**Source:** Scopus

9) Singkran, N., Kandasamy, J.  
**Developing a strategic flood risk management framework for Bangkok, Thailand**  
DOI: 10.1007/s11069-016-2467-x  
**Document Type:** Article
10) Khondee, P., Srisomsap, C., Chokchaichamnankit, D., Svasti, J., Simpson, R.J., Kingtong, S.  
Histopathological effect and stress response of mantle proteome following TBT exposure in the Hooded oyster Saccostrea cucullata  
(2016) Environmental Pollution, 218, pp. 855-862.  
DOI: 10.1016/j.envpol.2016.08.011  
Document Type: Article  
Source: Scopus

11) Ophithakorn, T., Sabah, A., Delalonde, M., Bancon-Montigny, C., Suksaroj, T.T., Wisniewski, C.  
Organotins' fate in lagoon sewage system: dealkylation and sludge sorption/desorption  
(2016) Environmental Science and Pollution Research, 23 (22), pp. 22832-22842.  
DOI: 10.1007/s11356-016-7396-4  
Document Type: Article  
Source: Scopus

12) Saengdee, P., Chaisriratanakul, W., Bunjongpru, W., Sripumkhai, W., Srisuwan, A., Hruanun, C., Poyai, A., Phunpae, P., Pata, S., Jeamsaksiri, W., Kasinreak, W., Promptmas, C.  
A silicon nitride ISFET based immunosensor for Ag85B detection of tuberculosis  
DOI: 10.1039/c6an00568c  
Document Type: Article  
Source: Scopus

13) Prapaspongsa, T., Gheewala, S.H.  
Risks of indirect land use impacts and greenhouse gas consequences: an assessment of Thailand's bioethanol policy  
DOI: 10.1016/j.jclepro.2015.05.091  
Document Type: Article  
Source: Scopus

14) Charmondusit, K., Gheewala, S.H., Mungcharoen, T.  
Green and sustainable innovation for cleaner production in the Asia-Pacific region  
15) Jampasri, K., Pokethitiyook, P., Kruatrachue, M., Ounjai, P., Kumsopa, A.  
Phytoremediation of fuel oil and lead co-contaminated soil by Chromolaena odorata in association with Micrococcus luteus  

DO: 10.1080/15226514.2016.1183568

16) Phusantisampan, T., Meeinkuirt, W., Saengwilai, P., Pichtel, J., Chaiyarat, R.  
Phytostabilization potential of two ecotypes of Vetiveria zizanioides in cadmium-contaminated soils: greenhouse and field experiments  

DO: 10.1007/s11356-016-7229-5

17) Ritchie, R.J., Mekjinda, N.  
Arsenic toxicity in the water weed Wolffia arrhiza measured using Pulse Amplitude Modulation Fluorometry (PAM) measurements of photosynthesis  

DO: 10.1016/j.ecoenv.2016.06.004

18) Kongsoi, S., Changkwanyeun, R., Yokoyama, K., Nakajima, C., Changkaew, K., Suthienkul, O., Suzuki, Y.  
Amino acid substitutions in GyrA affect quinolone susceptibility in Salmonella typhimurium  

DO: 10.1002/dta.1910
19) Arunrat, N., Wang, C., Pumijumnong, N.

**Alternative cropping systems for greenhouse gases mitigation in rice field: a case study in Phichit province of Thailand**


DOI: 10.1016/j.jclepro.2016.05.137

Document Type: Article
Source: Scopus

20) Patthanaissaranukool, W., Polprasert, C.

**Reducing carbon emissions from soybean cultivation to oil production in Thailand**


DOI: 10.1016/j.jclepro.2016.05.053

Document Type: Article
Source: Scopus

21) Neamhom, T., Polprasert, C., Englande, A.J.

**Ways that sugarcane industry can help reduce carbon emissions in Thailand**


DOI: 10.1016/j.jclepro.2016.04.142

Document Type: Article
Source: Scopus

22) Muangsong, C., Cai, B., Pumijumnong, N., Hu, C., Lei, G.

**Intra-seasonal variability of teak tree-ring cellulose δ18O from northwestern Thailand: A potential proxy of Thailand summer monsoon rainfall**


DOI: 10.1177/0959683616640045

Document Type: Article
Source: Scopus

23) Leechart, P., Inthorn, D., Thiravetyan, P.

**Adsorption of antimony by bagasse fly ash: Chemical modification and adsorption mechanism**


DOI: 10.2175/106143015X14362865227030

Document Type: Article

*Climate shocks and migration: an agent-based modeling approach*


**DOI:** 10.1007/s11111-016-0254-y

**Document Type:** Article

**Source:** Scopus

25) Bovornkijprasert, S., Rawang, W.

*Integration of environmental education and environmental law enforcement for police officers*


**Document Type:** Article

**Source:** Scopus

26) Sangsongfa, C., Rawang, W.

*The integration of environmental education and communicative english based on multiple intelligence theory for students in extended schools*


**Document Type:** Article

**Source:** Scopus

27) Kanchanabhandhu, C., Woraphong, S.

*A model of solid waste management based multilateral co-operation in semi-urban community*


**Document Type:** Article

**Source:** Scopus

28) Wongpaibool, D., Rawang, W., Supapongpichate, R., Pichayapibool, P.

*A process of environmental education communication through community cultural activity area*


**Document Type:** Article

**Source:** Scopus
29) Mangeard, P.-S., Ruffolo, D., Sáiz, A., Madlee, S., Nutaro, T.  
**Monte Carlo simulation of the neutron monitor yield function**  
DOI: 10.1002/2016JA022638

Document Type: Article  
Source: Scopus

30) Saleeart, A., Mongkomtanyatip, K., Sangsuriya, P., Senapin, S., Rattanarojpong, T., Khunrae, P.  
**The interaction between PmHtrA2 and PmlAP and its effect on the activity of Pm caspase**  
(2016) Fish and Shellfish Immunology, 55, pp. 393-400. Cited 1 time.  
DOI: 10.1016/j.fsi.2016.06.013

Document Type: Article  
Source: Scopus

31) Sirithian, D., Thepanondh, S.  
**Influence of grid resolution in modeling of air pollution from open burning**  
(2016) Atmosphere, 7 (7), art. no. 93, .  
DOI: 10.3390/atmos7070093

Document Type: Article  
Source: Scopus

32) Uraisin, K., Janya, S., Phechkrajang, C., Choengchan, N., Tiyapongpattana, W., Cerdà, V.,  
Nacapricha, D.  
**Chemometrics-assisted cross injection analysis for simultaneous determination of phosphate and silicate**  
DOI: 10.1080/03067319.2016.1209664

Document Type: Article  
Source: Scopus

33) Jaiyen, C., Jutabha, P., Anzai, N., Lungkaphin, A., Soodvilai, S., Srimaroeng, C.  
**Interaction of green tea catechins with renal organic cation transporter 2**  
34) Hlaing, Z.N., Mongkolchati, A., Rattanapan, C.

A household level analysis of water sanitation associated with gastrointestinal disease in an urban slum setting of South Okkalapa Township, Myanmar

Document Type: Article
Source: Scopus

35) Siriraksophon, S., Musikavong, C., Suksaroj, C., Suksaroj, T.T.

Evolution of pretreatment methods for nanofiltration membrane used for dissolved organic matter removal in raw water supply

Document Type: Article
Source: Scopus


Crustal structure beneath the Blue Mountains terranes and cratonic North America, eastern Oregon, and Idaho, from teleseismic receiver functions

DOI: 10.1002/2016JB012989

Document Type: Article
Source: Scopus

37) Lolekha, R., Boonsuk, S., Plipat, T., Martin, M., Tonputsa, C., Punsuwan, N., Naiwatanakul, T., Chokephaibulkit, K., Thaisri, H., Phanuphak, P., Chaivooth, S., Ongwandeew, S., Baipluthong, B., Pengjuntr, W., Mekton, S.

Elimination of mother-to-child transmission of HIV - Thailand

Document Type: Article
Source: Scopus

38) Kittigul, L., Thamjaroen, A., Chiawchan, S., Chavalitsheawinkoon-Petmitr, P., Pombubpa, K., Diraphat, P.
Prevalence and Molecular Genotyping of Noroviruses in Market Oysters, Mussels, and Cockles in Bangkok, Thailand
DOI: 10.1007/s12560-016-9228-6

Document Type: Article
Source: Scopus

Virulence gene-associated mutant bacterial colonies generate differentiating two-dimensional laser scatter fingerprints
DOI: 10.1128/AEM.04129-15

Document Type: Article
Source: Scopus

40) Chanthorn, W., Ratnapongsai, Y., Brockelman, W.Y., Allen, M.A., Favier, C., Dubois, M.A.
Viewing tropical forest succession as a three-dimensional dynamical system
DOI: 10.1007/s12080-015-0278-4

Document Type: Article
Source: Scopus

41) Chaoprasid, P., Dokpikul, T., Johnrod, J., Sirirakphaisarn, S., Nookabkaew, S., Sukchawalit, R., Mongkolsuk, S.
Agrobacterium tumefaciens Zur regulates the high-affinity zinc uptake system TroCBA and the putative metal chaperone YciC, along with ZinT and ZnuABC, for survival under zinc-limiting conditions
DOI: 10.1128/AEM.00299-16

Document Type: Article
Source: Scopus

Untangling the Complexity of Liver Fluke Infection and Cholangiocarcinoma in NE Thailand Through
Transdisciplinary Learning
DOI: 10.1007/s10393-015-1087-3

Document Type: Article
Source: Scopus

43) Supreeyasunthorn, P., Boontanon, S.K., Boontanon, N.
Perfluorooctane sulfonate (PFOS) and perfluorooctanoic acid (PFOA) contamination from textiles
(2016) Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and
DOI: 10.1080/10934529.2015.1128713

Document Type: Article
Source: Scopus

44) Nuchtavorn, N., Macka, M.
A novel highly flexible, simple, rapid and low-cost fabrication tool for paper-based microfluidic devices
(μPADs) using technical drawing pens and in-house formulated aqueous inks
DOI: 10.1016/j.aca.2016.03.018

Document Type: Article
Source: Scopus

45) Sutthichaimeethee, P., Sawangdee, Y.
Model of environmental problems priority arising from the use of environmental and natural resources
in machinery sectors of Thailand
DOI: 10.1515/rtuect-2016-0003

Document Type: Article
Source: Scopus

46) Rugchatjaroen, K., Choonhaklai, S.
An evaluation of the consistency of curriculum and courses of a public administration doctoral
program with emphasis on social equity rubrics
DOI: 10.1166/asl.2016.6680
47) Charoenbhakdi, S., Dokpikul, T., Burphan, T., Techo, T., Auesukaree, C.
Vacuolar H+-ATPase protects Saccharomyces cerevisiae cells against ethanolinduced oxidative and cell wall stresses
DOI: 10.1128/AEM.00376-16

48) Chanchai, W., Songkham, W., Ketsomporn, P., Sappakitchanchai, P., Siriwong, W., Robson, M.G.
The impact of an ergonomics intervention on psychosocial factors and musculoskeletal symptoms among Thai hospital orderlies
DOI: 10.3390/ijerph13050464

49) Blasdell, K., Morand, S., Henttonen, H., Tran, A., Buchy, P.
Hantavirus seropositivity in rodents in relation to habitat heterogeneity in human-shaped landscapes of Southeast Asia
DOI: 10.1016/j.sste.2016.04.002

50) Senarat, S., Jiraungkoorskul, W., Kettratad, J.
Histological evidence of the heart and ovarian vessels in the short mackerel, Rastrelliger brachysoma
DOI: 10.5053/ajb.2016.10.0.2
51) Malik, A.A., Imtong, C., Sookrung, N., Katzenmeier, G., Chaicumpa, W., Angsuthanasombat, C.
   Structural characterization of humanized nanobodies with neutralizing activity against the bordetella pertussis CyaA-hemolysin: Implications for a potential epitope of toxin-protective antigen
   DOI: 10.3390/toxins8040099
   Document Type: Article
   Source: Scopus

   Colloidal quantum dot ligand engineering for high performance solar cells
   DOI: 10.1039/c5ee03887a
   Document Type: Review
   Source: Scopus

53) Pin-ngoen, K., Kositchaiyong, A., Prapagdee, B., Sombatsompop, N.
   Formation of Escherichia coli biofilm on LLDPE sheets by incorporation of 2-hydroxypropyl-3-piperazinyl-quinoline carboxylic acid methacrylate or silver-substituted zeolite
   DOI: 10.1016/j.ibiod.2016.02.004
   Document Type: Article
   Source: Scopus

54) Palakit, K., Duangsathaporn, K., Siripatanadilok, S.
   Climatic fluctuations trigger false ring occurrence and radial-growth variation in teak (Tectona grandis L.f.)
   DOI: 10.3832/ifor1100-008
   Document Type: Article
   Source: Scopus

55) Ishimaru, T., Wada, K., Smith, D.R.
   HIV testing and attitudes among the working-age population of Japan: Annual health checkups may offer an effective way forwards
   DOI: 10.2486/indhealth.2015-0087
56) Nouanthavong, S., Nacapricha, D., Henry, C.S., Sameenoi, Y.

**Pesticide analysis using nanoceria-coated paper-based devices as a detection platform**


DOI: 10.1039/c5an02403j

Document Type: Article
Source: Scopus

57) Völker, M., Lienhoop, N.

**Exploring group dynamics in deliberative choice experiments**


DOI: 10.1016/j.ecolecon.2016.01.006

Document Type: Article
Source: Scopus

58) Fongsatitkul, P., Boonma, C., Elefsiniotis, P.

**Chromium removal from electroplating waste using palm oil fuel ash**


DOI: 10.1680/jenes.15.00010

Document Type: Article
Source: Scopus

59) Kim, Y.J., Koedrith, P., Kim, H.S., Yu, W.J., Kim, J.C., Seo, Y.R.

**Comparative genotoxicity investigation using comet and gammaH2AX assays for screening of genotoxicants in HepG2 human hepatoma cells**

(2016) Toxicology and Environmental Health Sciences, 8 (1), pp. 68-78.

DOI: 10.1007/s13530-016-0263-3

Document Type: Article
Source: Scopus

60) Sakulpaisan, S., Vongsetskul, T., Reamouppaturm, S., Luangkachao, J., Tantirungrotechai, J., Tangboriboonrat, P.

**Titania-functionalized graphene oxide for an efficient adsorptive removal of phosphate ions**

61) Sakdaronnarong, C., Saengsawang, A., Siriyutta, A., Jonglertjunya, W., Nasongkla, N., Laosiripojana, N.

An integrated system for fractionation and hydrolysis of sugarcane bagasse using heterogeneous catalysts in aqueous biphasic system


DOI: 10.1016/j.cej.2015.09.098

Document Type: Article
Source: Scopus

62) Peltzer, K., Pengpid, S.

Leisure time physical inactivity and sedentary behaviour and lifestyle correlates among students aged 13–15 in the association of southeast asian nations (ASEAN) member states, 2007–2013


DOI: 10.3390/ijerph13020217

Document Type: Article
Source: Scopus


How the DPSIR framework can be used for structuring problems and facilitating empirical research in coastal systems


DOI: 10.1016/j.envsci.2015.11.001

Document Type: Article
Source: Scopus

64) Thitanuwat, B., Polprasert, C., Englande, A.J.

Quantification of phosphorus flows throughout the consumption system of Bangkok Metropolis, Thailand


DOI: 10.1016/j.scitotenv.2015.09.065

Document Type: Article
65) Sangthong, C., Setkit, K., Prapagdee, B.
   Improvement of cadmium phytoremediation after soil inoculation with a cadmium-resistant
   Micrococcus sp.
   DOI: 10.1007/s11356-015-5318-5
   Document Type: Article
   Source: Scopus

66) Lerdsuchatavanich, P., Pradatsundarasar, A.-O., Pattanakiat, S., Utarasakul, T.
   Ecotourism is a significant tool for sustainable tourist attraction: A case study of Khao Krajome,
   Ratchaburi province, Thailand
   DOI: 10.14505/jemt.v7.3(15).14
   Document Type: Article
   Source: Scopus

67) Sutthichaimethee, P., Sawangdee, Y.
   Indicator of environmental problems of agricultural sectors under the environmental modeling
   DOI: 10.12911/22998993/62280
   Document Type: Article
   Source: Scopus

68) Sutthichaimethee, P., Sawangdee, Y.
   Modeling environmental impact of service sectors to promote sustainable development of Thailand
   DOI: 10.3354/esep00169
   Document Type: Article
   Source: Scopus

69) Sinthuchai, D., Boontanon, S.K., Boontanon, N., Polprasert, C.
   Evaluation of removal efficiency of human antibiotics in wastewater treatment plants in Bangkok,
   Thailand
70) Suriyankietkaew, S., Avery, G.
Sustainable leadership practices driving financial performance: Empirical evidence from Thai SMEs
(2016) Sustainability (Switzerland), 8 (4), art. no. 327. Cited 1 time.
DOI: 10.3390/su8040327

71) Khamyingkert, L., Thepanondh, S.
Analysis of industrial source contribution to ambient air concentration using AERMOD dispersion model

72) Chunhabundit, R.
Cadmium exposure and potential health risk from foods in Contaminated area, Thailand
DOI: 10.5487/TR.2016.32.1.065

73) Nopun, P., Traiperm, P., Boonkerd, T., Jenjittikul, T.
Systematic importance of rhizome stelar anatomy in selected monilophytes from Thailand
DOI: 10.6165/tai.2016.61.175

74) Ounsaneha, W., Rattanapan, C.
Defining the eco-efficiency of rubber glove products manufactured from concentrated latex in Thailand
75) Janwitthayanuchit, K., Kupradinun, P., Rungsipat, A., Kettawan, A., Butryee, C.
   A 24-weeks toxicity study of Eryngium foetidum Linn. leaves in mice
   DOI: 10.5487/TR.2016.32.3.231

76) Tantipisanuh, N., Gale, G.A., Round, P.D.
   Incidental impacts from major road construction on one of Asia's most important wetlands: The Inner Gulf of Thailand
   DOI: 10.1071/PC15028

77) Ishimar, T., Arphorn, S., Jirapongsuwan, A.
   Hematocrit levels as cardiovascular risk among taxi drivers in Bangkok, Thailand
   DOI: 10.2486/indhealth.2015-0248

78) Fairhurst, R.M., Dondorp, A.M.
   Artemisinin-resistant Plasmodium falciparum malaria
   DOI: 10.1128/microbiolspec.EI10-0013-2016

Soil nutrient depletion is associated with the presence of *Burkholderia pseudomallei*

DOI: 10.1128/AEM.02538-16

**Document Type:** Article
**Source:** Scopus

80) Thepanondh, S., Outapa, P., Saikomol, S.
*Evaluation of dispersion model performance in predicting SO2 concentrations from petroleum refinery complex*

**Document Type:** Article
**Source:** Scopus

81) Jinawa, L., Thepanondh, S.
*Success of fuel quality improving policy in reducing benzene air concentrations in Bangkok*

**Document Type:** Article
**Source:** Scopus

82) Thawonkaew, A., Thepanondh, S., Siritian, D., Jinawa, L.
*Assimilative capacity of air pollutants in an area of the largest petrochemical complex in Thailand*

**Document Type:** Article
**Source:** Scopus

83) Outapa, P., Kondo, A., Thepanondh, S.
*Effect of speed on emissions of air pollutants in urban environment: Case study of truck emissions*

**Document Type:** Article
**Source:** Scopus

*Physical characteristics and reproductive performance in Aedes (Diptera: Culicidae)*

DOI: 10.4081/jear.2016.5883

**Document Type:** Article
85) Wongsoonthornchai, M., Kwonponsagoon, S., Scheidegger, R.
Modeling Mercury Flows in Thailand on the Basis of Mathematical Material Flow Analysis

DOI: 10.1002/clen.201400670

Document Type: Article
Source: Scopus

86) Whistler, T., Kaewpan, A., Blacksell, S.D.
A biological safety cabinet certification program: Experiences in southeast Asia

DOI: 10.1177/1535676016661769

Document Type: Article
Source: Scopus

Size-dependent cytotoxicity of copper oxide nanoparticles in lung epithelial cells

DOI: 10.1039/c5en00271k

Document Type: Article
Source: Scopus

88) Danish, M., Ragunathan, S., Ahmad, T., Ahmad, M.
Optimization of parameters for the preparation of high yielded activated carbon from banana trunk

Document Type: Article
Source: Scopus

89) Tesanan, S., Kwonponsagoon, S., Kanchanapiya, P.
Solidification/stabilization of nonvaluable residue from waste printed circuit board assembly

Document Type: Article
Source: Scopus
90) Luanpitpong, S., Wang, L., Davidson, D.C., Riedel, H., Rojanasakul, Y.
   Carcinogenic potential of high aspect ratio carbon nanomaterials
   DOI: 10.1039/c5en00238a
   Document Type: Article
   Source: Scopus

91) Dokpikul, T., Chaoprasid, P., Saninjuk, K., Sirirakphaisarn, S., Johnrod, J., Nookabkaew, S.,
    Sukchawalit, R., Mongkolsuk, S.
    Regulation of the cobalt/nickel efflux operon DmeRF in Agrobacterium tumefaciens and a link
    between the iron-sensing regulator rirA and cobalt/nickel resistance
    DOI: 10.1128/AEM.01262-16
    Document Type: Article
    Source: Scopus

    Kato, S., Thephamonkghol, K., Chansilpa, Y., Calaguas, M.J.C., Xiaoting, X., Jianping, C., Banu,
    P.A., Cho, C.-K., Karasawa, K., Nakano, T., Tsujii, H.
    Concurrent chemoradiotherapy for T3-4 and N0-1 nasopharyngeal cancer: Asian multicenter trial of
    the Forum for Nuclear Cooperation in Asia
    DOI: 10.1093/jrr/rrv046
    Document Type: Article
    Source: Scopus

Search: AFFILORG(Mahidol University) AND ( LIMIT-TO ( PUBYEAR,2016) ) AND ( LIMIT-TO (
   DOCTYPE,"ar" ) OR LIMIT-TO ( DOCTYPE,"re" ) OR LIMIT-TO ( DOCTYPE,"le" ) ) AND ( LIMIT-TO
   ( SUBJAREA,"ENVI" ) ) AND ( LIMIT-TO ( SRCTYPE,"j" ) )