











1. Baowan D*, Thamwattana N. Modelling encapsulation of gold and silver nanoparticles inside lipid nanotubes. [Physica A 2014 Feb;396:149-54.](#)
Department : Centre of Excellence in Mathematics / Mathematics
Author's Status : Academic Staff
Journal Name : Physica A: Statistical Mechanics and its Applications / Publisher : Elsevier
Journal Metrics : Indexed in WOS : Impact Factor = 1.722 / Category : Physics, Multidisciplinary (with median IF = 1.296) - Q2
Indexed in Scopus : h indexed = 96 / SNIP = 1.258 / SJR = 0.733 / Category : [Condensed Matter Physics](#) 
2. Bellieud M, Licht C, Orankitjaroen S*. Nonlinear capacitary problems for a general distribution of fibers. [Appl Math Res Express 2014;2014\(1\):1-51.](#)
Department : Mathematics
Author's Status : Academic Staff
Journal Name : Applied Mathematics Research eXpress / Publisher : Oxford Open 
Indexed in Scopus : h indexed = 7 / SNIP = 1.203 / SJR = 0.895 / Category : [Computational Mathematics](#) 
Notes : Hybrid OA
[Times Cited from scopus](#)
3. Chamchod F, Cantrell RS, Cosner C, Hassan AN, Beier JC, Ruan SG*. A modeling approach to investigate epizootic outbreaks and enzootic maintenance of Rift Valley fever virus. [Bull Math Biol 2014 Aug;76\(8\):2052-72.](#)
Department : Mathematics
Author's Status : Academic Staff
Journal Name : Bulletin of Mathematical Biology / Publisher : Springer
Journal Metrics : Indexed in WOS : Impact Factor = 1.292 / Category : Biology (with median IF = 1.432) - Q3
Indexed in Scopus : h indexed = 58 / SNIP = 0.980 / SJR = 0.801 / Category : [Agricultural and Biological Sciences \(miscellaneous\)](#) 
[Times Cited from scopus](#)
4. Dong TV, Bac NT, Sanh NV*. Applications of Kaplansky-cohens theorem. [East-West J Math 2014;16\(1\):87-91.](#)
Department : Mathematics
Author's Status : Academic Staff, M.Sc. Student, Ph.D. Student
Journal Name : East-West Journal of Mathematics / Publisher : Nguyen Tat Thanh University
Journal Metrics : -
5. Kositwattanarerk W*, Matthews GL*. Pseudocodewords of parity-check codes over fields of prime cardinality. [IEEE Trans Inf Theory 2014;60\(9\):5215-27.](#)
Department : Mathematics
Author's Status : Academic Staff
Journal Name : IEEE Transactions on Information Theory / Publisher : IEEE
Journal Metrics : Indexed in WOS : Impact Factor = 2.650 / Category : Computer Science, Information Systems (with median IF = 1.035) - Q1

Indexed in Scopus : h indexed = 192 / SNIP = 3.356 / SJR = 3.397 / Category : [Computer Science Applications](#) 

6. Kositwattanarek W*, Oggier F*. Connections between Construction D and related constructions of lattices. [Des Codes Cryptography 2014;73\(2\):441-55.](#)
Department : Mathematics
Author's Status : Academic Staff
Journal Name : Designs Codes and Cryptography / Publisher : Springer
Journal Metrics : Indexed in WOS : Impact Factor = 0.730 / Category : Mathematics, Applied (with median IF = 0.738) - Q3
Indexed in Scopus : h indexed = 35 / SNIP = 1.519 / SJR = 0.797 / Category : [Applied Mathematics](#) 
[Times Cited from scopus](#)
7. Li S, Zhou YL*, Ruan XF, Wiwatanapataphee B. Pricing of American put option under a jump diffusion process with stochastic volatility in an incomplete market. [Abstract Appl Anal 2014;2014:236091.](#)
Department : Mathematics
Author's Status : Academic Staff
Journal Name : Abstract and Applied Analysis / Publisher : Hindawi Publishing 
Journal Metrics : Indexed in WOS : Impact Factor = 1.274 / Category : Mathematics (with median IF = 0.582) - Q1
Indexed in Scopus : h indexed = 25 / SNIP = 0.793 / SJR = 0.527 / Category : [Applied Mathematics](#) 
Notes : Gold OA, Top 10% (JCR)
8. Licht C, Orankitjaroen S, Viriyasrisuwattana P, Weller T*. Bonding a linearly piezoelectric patch on a linearly elastic body. [CR Mecanique 2014 Apr;342\(4\):234-9.](#)
Department : Centre of Excellence in Mathematics / Mathematics
Author's Status : Academic Staff, Adjunct Staff, Ph.D. Student
Journal Name : Comptes Rendus Mecanique / Publisher : Elsevier
Journal Metrics : Indexed in WOS : Impact Factor = 1.052 / Category : Mechanics (with median IF = 1.203) - Q3
Indexed in Scopus : h indexed = 25 / SNIP = 1.201 / SJR = 0.649 / Category : [Mechanics of Materials](#) 
[Times Cited from scopus](#)
9. Licht C, Orankitjaroen S. Interface effects on the effective behavior of some Kelvin-Voigt viscoelastic heterogeneous bodies. [Asymptotic Anal 2014;90\(3-4\):249-65.](#)
Department : Mathematics
Author's Status : Academic Staff, Adjunct Staff
Journal Name : Asymptotic Analysis / Publisher : IOS Press
Journal Metrics : Indexed in WOS : Impact Factor = 0.417 / Category : Mathematics, Applied (with median IF = 0.733) - Q4
Indexed in Scopus : h indexed = 27 / SNIP = 0.697 / SJR = 0.648 / Category : [Mathematics \(miscellaneous\)](#) 
10. Lin M, Orankitjaroen S, Fisher B. The noncommutative neutrix product of $x^{-s}\ln^m x$ - and x^+ . [Asian-Eur J Math 2014;7\(3\):1450042.](#)
Department : Mathematics
Author's Status : Academic Staff, Ph.D. Student
Journal Name : Asian-European Journal of Mathematics / Publisher : World Scientific

Indexed in Scopus : h indexed = 7 / SNIP = 0.700 / SJR = 0.248 / Category

: [Mathematics \(miscellaneous\)](#) 

11. Nokkaew A, Triampo W, Nuttavut N, Chuedoung M, Triampo D, Modchang C. Triangle based scaffolding for trigonometric reasoning. [Int J Sci Math Technol Learn 2014;20\(3\):99-109.](#)

Department : Chemistry / Mathematics / Physics

Author's Status : Academic Staff

Journal Name : International Journal of Science, Mathematics and Technology Learning /

Publisher : CGPublisher

Journal Metrics : Indexed in Scopus

12. Nuntaplook U, Adam J. Scalar wave scattering by two-layer radial inhomogeneities. [Appl Math E-Notes 2014;14:185-92.](#)

Department : Mathematics

Author's Status : Academic Staff

Journal Name : Applied Mathematics E-Notes / Publisher : Tsing Hua University 

Journal Metrics : Indexed in MathSciNet

Indexed in Scopus : h indexed = 13 / SNIP = 0.329 / SJR = 0.286 / Category : [Applied](#)

[Mathematics](#) 

Notes : Gold OA

13. Pal M, Tiensuwan M. The beta transmuted weibull distribution. [Austrian J Stat 2014 Jun;43\(2\):133-49.](#)

Department : Mathematics

Author's Status : Academic Staff

Journal Name : Austrian Journal of Statistics / Publisher : Austrian Society of Statistics 

Journal Metrics : -

Notes : Gold OA


14. Phang C*, Wu YH, Wiwatanapataphee B. Analytical solution for the spread of epidemic diseases in community clustered network. [Int J Pure Appl Math 2014;94\(2\):133-54.](#)

Department : Mathematics

Author's Status : Academic Staff

Journal Name : International Journal of Pure and Applied Mathematics / Publisher : Academic Publication

Indexed in Scopus : h indexed = 8 / SNIP = 0.605 / SJR = 0.252 / Category

: [Mathematics \(miscellaneous\)](#) 

Notes : Faculty name not mentioned in address

15. Quynh TC*, Sanh NV. On quasi pseudo-GP-injective rings and modules. [Bull Malays Math Sci Soc 2014;37\(2\):321-32.](#)

Department : Mathematics

Author's Status : Academic Staff

Journal Name : Bulletin of The Malaysian Mathematical Sciences Society / Publisher : Universiti Sains Malaysia

Journal Metrics : Indexed in WOS : Impact Factor = 0.854 / Category : Mathematics (with median IF = 0.582) - Q1

Indexed in Scopus : h indexed = 12 / SNIP = 1.221 / SJR = 0.582 / Category

: [Mathematics \(miscellaneous\)](#) 


16. Sarikavanij S, Kasala S, Sinha BK, Tiensuwan M*. Estimation of location and scale parameters in two-parameter exponential distribution based on ranked set sample. [Commun Stat Simul Comput 2014 Jan;43\(1\):132-41.](#)

Department : Centre of Excellence in Mathematics / Mathematics

Author's Status : Academic Staff

Journal Name : Communications in Statistics-Simulation and Computation / Publisher : Taylor & Francis

Journal Metrics : Indexed in WOS : Impact Factor = 0.288 / Category : Statistics & Probability (with median IF = 0.894) - Q4

Indexed in Scopus : h indexed = 25 / SNIP = 0.691 / SJR = 0.477 / Category : [Modeling and Simulation](#) 

[Times Cited from scopus](#)

17. Sornbundit K, Modchang C, Triampo W, Triampo D, Nuttavut N, Sunil Kumar PB, Laradji M*. Kinetics of domain registration in multicomponent lipid bilayer membranes. [Soft Matter](#) 2014 Aug 27;10(37):7306-15.

Department : Centre of Excellence in Mathematics / Chemistry / Physics

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

Journal Name : Soft Matter / Publisher : RSC

Journal Metrics : Indexed in WOS : Impact Factor = 4.151 / Category : Polymer Science (with median IF = 1.517) - Q1

Indexed in Scopus : h indexed = 81 / SNIP = 1.205 / SJR = 1.736 / Category

: [Condensed Matter Physics](#) 

[Times Cited from scopus](#)

18. Srisodaphol W, Tiensuwan M*. Some statistical aspects of assessing agreement based on a bivariate exponential distribution. [Model Assisted Stat Appl](#) 2014;9(2):167-75.

Department : Mathematics

Author's Status : Academic Staff

Journal Name : Model Assisted Statistics and Applications / Publisher : IOS Press

Indexed in Scopus : h indexed = 5 / SNIP = 1.070 / SJR = 0.327 / Category : [Applied](#)

[Mathematics](#) 

19. Sumetpipat K*, Baowan D. Three model shapes of Doxorubicin for liposome encapsulation. [J Mol Model](#) 2014 Nov;20(11):2504.

Department : Mathematics

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

Journal Name : Journal of Molecular Modeling / Publisher : Springer

Journal Metrics : Indexed in WOS : Impact Factor = 1.867 / Category : Computer Science, Interdisciplinary Applications (with median IF = 1.472) - Q2

Indexed in Scopus : h indexed = 42 / SNIP = 0.739 / SJR = 0.550 / Category : [Computer](#)

[Science Applications](#) 

20. Sumetpipat K, Lee RKF, Cox BJ, Hill JM, Baowan D*. Carbon nanotori and nanotubes encapsulating carbon atomic-chains. [J Math Chem](#) 2014 July;52(7):1817-30.

Department : Mathematics

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

Journal Name : Journal of Mathematical Chemistry / Publisher : Springer

Journal Metrics : Indexed in WOS : Impact Factor = 1.270 / Category : Mathematics, Interdisciplinary Applications (with median IF = 1.043) - Q2

Indexed in Scopus : h indexed = 41 / SNIP = 0.865 / SJR = 0.407 / Category : [Chemistry](#)

[\(miscellaneous\)](#) 

[Times Cited from scopus](#)

21. Sun Q*, Wu YH, Liu LS, Wiwatanapataphee B. Solution of time periodic electroosmosis flow with slip boundary. [Abstract Appl Anal](#) 2014;2014:789147.

Department : Mathematics

Author's Status : Academic Staff

Journal Name : Abstract and Applied Analysis / Publisher : Hindawi Publishing 

Journal Metrics : Indexed in WOS : Impact Factor = 1.274 / Category : Mathematics (with median IF = 0.582) - Q1

Indexed in Scopus : h indexed = 25 / SNIP = 0.793 / SJR = 0.527 / Category : [Applied](#)

[Mathematics](#) 

Notes : Gold OA, Top 10% (JCR)

22. Thuat DV, Hai HD, Sanh NV*. On goldie prime cs-modules. [East-West J Math 2014;16\(2\):131-40.](#)

Department : Mathematics

Author's Status : Academic Staff, M.Sc. Student

Journal Name : East-West Journal of Mathematics / Publisher : Nguyen Tat Thanh University

Journal Metrics : -

23. Tiangtrong P, Baowan D*. Encapsulation behaviours of nanoparticles entering two-section carbon nanotubes. [J Math Chem 2014;52\(2\):489-503.](#)

Department : Centre of Excellence in Mathematics / Mathematics

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

Journal Name : Journal of Mathematical Chemistry / Publisher : Springer

Journal Metrics : Indexed in WOS : Impact Factor = 1.270 / Category : Mathematics, Interdisciplinary Applications (with median IF = 1.043) - Q2

Indexed in Scopus : h indexed = 41 / SNIP = 0.865 / SJR = 0.407 / Category : [Chemistry](#)

[\(miscellaneous\)](#) 

24. Tran-Duc T, Thamwattana N*, Baowan D. Modelling gas storage capacity for porous aromatic frameworks. [J Comput Theor Nanos 2014 Jan;11\(1\):234-41.](#)

Department : Centre of Excellence in Mathematics / Mathematics

Author's Status : Academic Staff

Journal Name : Journal of Computational and Theoretical Nanoscience / Publisher : American Scientific Publishers

Journal Metrics : Indexed in WOS : Impact Factor = 1.032 / Category : Materials Science, Multidisciplinary (with median IF = 1.380) - Q3

Indexed in Scopus : h indexed = 27 / SNIP = 0.624 / SJR = 0.398 / Category : [Materials](#)

[Science \(miscellaneous\)](#) 

25. Wiwatanapataphee B*, Wu YH, Suharsono S. Transient flows of Newtonian fluid through a rectangular microchannel with slip boundary. [Abstr Appl Anal 2014;2014:530605.](#)

Department : Mathematics

Author's Status : Academic Staff

Journal Name : Abstract and Applied Analysis / Publisher : Hindawi Publishing 

Journal Metrics : Indexed in WOS : Impact Factor = 1.274 / Category : Mathematics (with median IF = 0.582) - Q1

Indexed in Scopus : h indexed = 25 / SNIP = 0.793 / SJR = 0.527 / Category : [Applied](#)

[Mathematics](#) 

Notes : Gold OA, Top 10% (JCR)

26. Wiwatanapataphee B, Wu YH, Tang IM, Lai SY. Fluid Dynamics and Computational Engineering. [Math Probl Eng 2014;2014:649058. \(Editorial\)](#)

Department : Mathematics

Author's Status : Academic Staff

Journal Name : Mathematical Problems in Engineering / Publisher : Hindawi

Publishing 

Journal Metrics : Indexed in WOS : Impact Factor = 1.082 / Category : Engineering, Multidisciplinary (with median IF = 0.955) - Q2

Indexed in Scopus : h indexed = 29 / SNIP = 0.746 / SJR = 0.267 / Category

: [Engineering \(miscellaneous\)](#) 

Notes : Gold OA

27. Wu YH, Liu LS, Wiwatanapataphee B*, Lai SY. Nonlinear functional analysis of boundary value problems 2013. [Abstract Appl Anal 2014;2014:754976. \(Editorial\)](#)

Department : Mathematics

Author's Status : Academic Staff

Journal Name : Abstract and Applied Analysis / Publisher : Hindawi Publishing 

Journal Metrics : Indexed in WOS : Impact Factor = 1.274 / Category : Mathematics (with median IF = 0.582) - Q1

Indexed in Scopus : h indexed = 25 / SNIP = 0.793 / SJR = 0.527 / Category : [Applied](#)

[Mathematics](#) 

Notes : Gold OA, Department name not mentioned in address, Top 10% (JCR)

28. Zhang X*, Liu L, Wiwatanapataphee B, Wu Y. The eigenvalue for a class of singular p -Laplacian fractional differential equations involving the Riemann-Stieltjes integral boundary condition. [Appl Math Comput 2014;235:412-22.](#)

Department : Mathematics

Author's Status : Academic Staff

Journal Name : Applied Mathematics and Computation / Publisher : Elsevier

Journal Metrics : Indexed in WOS : Impact Factor = 1.600 / Category : Mathematics, Applied (with median IF = 0.738) - Q1

Indexed in Scopus : h indexed = 83 / SNIP = 1.439 / SJR = 1.158 / Category : [Applied](#)

[Mathematics](#) 

[Times Cited from scopus](#)