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Record 1 of 52**Author(s):** Yan, WG (Yan, Weigen); Zhang, FJ (Zhang, Fuji)**Title:** A quadratic identity for the number of perfect matchings of plane graphs**Source:** THEORETICAL COMPUTER SCIENCE, 409 (3): 405-410 DEC 28 2008**Author Keywords:** Perfect matching; Graphical condensation; Pfaffian; Plucker relation**Keywords Plus:** CONDENSATION; PFAFFIANS**Addresses:** [Yan, Weigen] Jimei Univ, Sch Sci, Xiamen 361021, Peoples R China; [Zhang, Fuji] Xiamen Univ, Sch Math Sci, Xiamen 361005, Peoples R China**Reprint Address:** Yan, WG, Jimei Univ, Sch Sci, Xiamen 361021, Peoples R China.**E-mail Address:** weigenyan@263.net; fjzhang@xmu.edu.cn**Times Cited:** 0**ISSN:** 0304-3975**DOI:** 10.1016/j.tcs.2008.08.032**ISI Document Delivery No.:** 385AN**Record 2 of 52****Author(s):** Qiu, Y (Qiu, Yan); Deng, ZW (Deng, Zhi Wei); Xu, MJ (Xu, Minjuan); Li, QS (Li, Qingshan); Lin, WH (Lin, Wen Han)**Title:** New A-nor steroids and their antifouling activity from the Chinese marine sponge *Acanthella cavernosa***Source:** STEROIDS, 73 (14): 1500-1504 DEC 22 2008**Author Keywords:** A-nor steroids; Antifouling activity; Marine sponge; *Acanthella cavernosa***Keywords Plus:** KALIHINOL; LARVAE**Addresses:** [Qiu, Yan; Xu, Minjuan; Lin, Wen Han] Peking Univ, State Key Lab Nat & Biomimet Drugs, Beijing 100083, Peoples R China; [Qiu, Yan] Xiamen Univ, Dept Pharm, Sch Med, Xiamen 361005, Peoples R China; [Deng, Zhi Wei] Beijing Normal Univ, Analyt & Testing Ctr, Beijing 100730, Peoples R China; [Li, Qingshan; Lin, Wen Han] Shanxi Med Univ, Taiyuan 030001, Peoples R China**Reprint Address:** Lin, WH, Peking Univ, State Key Lab Nat & Biomimet Drugs, Beijing 100083, Peoples R China.**E-mail Address:** whlin@bjmu.edu.cn**Times Cited:** 0**ISSN:** 0039-128X**DOI:** 10.1016/j.steroids.2008.08.006**ISI Document Delivery No.:** 384NN**Record 3 of 52****Author(s):** Chen, ZL (Chen, ZuLiang); Sun, Q (Sun, Qian); Xi, YF (Xi, YunFei); Owens, G (Owens, Gary)**Title:** Speciation of metal-EDTA complexes by flow injection analysis with electrospray ionization mass spectrometry and ion chromatography with inductively coupled plasma mass spectrometry**Source:** JOURNAL OF SEPARATION SCIENCE, 31 (21): 3796-3802 DEC 2008**Author Keywords:** ESI-MS; FIA; IC-ICP-MS; Metal-EDTA; Water**Keywords Plus:** PERFORMANCE LIQUID-CHROMATOGRAPHY; ANION-EXCHANGE CHROMATOGRAPHY; ICP-MS; CAPILLARY-ELECTROPHORESIS; ESI-MS; AMINOPOLYCARBOXYLIC ACIDS; ENVIRONMENTAL WATER; SEPARATION; HPLC; CHROMIUM(III)**Addresses:** [Chen, ZuLiang; Sun, Qian; Xi, YunFei; Owens, Gary] Univ S Australia, Ctr Environm Risk Assessment & Remediat, Mawson Lakes, SA 5095, Australia; [Sun, Qian] Xiamen Univ, Environm Sci Res Ctr, State Key Lab Marine Sci, Xiamen, Peoples R China**Reprint Address:** Chen, ZL, Univ S Australia, Ctr Environm Risk Assessment & Remediat, Mawson Lakes, SA 5095, Australia.**E-mail Address:** zuliang.chen@unisa.edu.au**Times Cited:** 0**ISSN:** 1615-9306**DOI:** 10.1002/jssc.200800292

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Record 4 of 52

Author(s): Wang, SZ (Wang, Shizhong); Wu, LL (Wu, Lingli); Gao, J (Gao, Jie); He, Q (He, Qiong); Liu, ML (Liu, Meilin)

Title: Oxygen ion transference number of doped lanthanum gallate

Source: JOURNAL OF POWER SOURCES, 185 (2): 917-921 DEC 1 2008

Author Keywords: Electromotive force; Oxygen ion transference number; impedance spectrometry; Solid oxide fuel cells; Polarization resistance

Keywords Plus: FUEL-CELLS; OXIDE-ION; CONDUCTIVITY; CO; ELECTROLYTES; LAGAO3

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Record 5 of 52

Author(s): Su, PF (Su, Peifeng); Wu, W (Wu, Wei); Kelly, CP (Kelly, Casey P.); Cramer, CJ (Cramer, Christopher J.); Truhlar, DG (Truhlar, Donald G.)

Title: VBSM: A Solvation Model Based on Valence Bond Theory

Source: JOURNAL OF PHYSICAL CHEMISTRY A, 112 (50): 12761-12768 DEC 18 2008

Keywords Plus: POLARIZABLE CONTINUUM MODEL; TRANSITION-STATE-THEORY; CONSISTENT-FIELD METHOD; GAS-PHASE ACIDITIES; FREE-ENERGY PROFILE; MENSHUTKIN REACTION; AQUEOUS-SOLUTION; S(N)2 REACTIONS; AB-INITIO; CONFIGURATION-INTERACTION

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Record 6 of 52

Author(s): Tian, N (Tian, Na); Zhou, ZY (Zhou, Zhi-You); Sun, SG (Sun, Shi-Gang)

Title: Platinum Metal Catalysts of High-Index Surfaces: From Single-Crystal Planes to Electrochemically Shape-Controlled Nanoparticles

Source: JOURNAL OF PHYSICAL CHEMISTRY C, 112 (50): 19801-19817 DEC 18 2008

Keywords Plus: SCANNING-TUNNELING-MICROSCOPY; SULFURIC-ACID-SOLUTIONS; X-RAY-SCATTERING; FORMIC-ACID; CO2 REDUCTION; STEPPED SURFACES; OXYGEN REDUCTION; FUEL-CELLS; METHANOL OXIDATION; ETHYLENE-GLYCOL

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Record 7 of 52

Author(s): Chen, A (Chen, Andan); He, NH (He, Nanhai); Xu, X (Xu, Xun)

Title: Mj-DWD, a double WAP domain-containing protein with antiviral relevance in *Marsupenaeus japonicus*

Source: FISH & SHELLFISH IMMUNOLOGY, 25 (6): 775-781 DEC 2008

Author Keywords: *Marsupenaeus japonicus*; WAP domain; WSSV; Real-time PCR; *Pichia pastoris*; *Bacillus subtilis*

Keywords Plus: LITOPENAEUS-VANNAMEI HEMOCYTES; ANTIBACTERIAL PROTEIN; CRUSTIN-LIKE; INHIBITOR; IDENTIFICATION; PURIFICATION; ELASTASE; SEQUENCE; LOBSTER; SLPI

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Record 8 of 52

Author(s): Li, A (Li Ang); Zuo, W (Zuo, Wei); Schulze, HJ (Schulze, H. J.); Lombardo, U (Lombardo, U.)

Title: Hot Nuclear Matter Equation of State and Finite Temperature Kaon Condensation

Source: CHINESE PHYSICS LETTERS, 25 (12): 4233-4236 DEC 2008

Keywords Plus: NEUTRON-STARS; PROTONEUTRON STARS; EVOLUTION; CHARGE

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Record 9 of 52

Author(s): Wang, X (Wang, Xiang); Lu, LZ (Lu, Linzhang); Zhu, CX (Zhu, Chuanxi); Niu, Q (Niu, Qiang)

Title: A note on the spectral for real Hankel matrices

Source: APPLIED MATHEMATICS AND COMPUTATION, 206 (2): 994-996 Sp. Iss. SI DEC 15 2008

Conference Title: 2nd International Conference on Modeling, Simulation, and Applied Optimization

Conference Date: MAR 24-27, 2007

Conference Location: Abu Dhabi, U ARAB EMIRATES

Conference Host: Petroleum Inst

Author Keywords: Hankel matrices; Spectral; Eigenvalues; V. Neumann inequalities

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Record 10 of 52

Author(s): Huang, CQ (Huang, C. Q.); Peng, XF (Peng, X. F.); Jia, CZ (Jia, C. Z.); Huang, JD (Huang, J. D.)

Title: Guaranteed robustness/performance adaptive control with limited torque for robot manipulators

Source: MECHATRONICS, 18 (10): 641-652 DEC 2008

Author Keywords: Robust-adaptive; Robot manipulator; Tracking control; Robustness; Uniformly ultimately bounded; L-p input/output stable; Limited torque

Keywords Plus: SET-POINT CONTROL; TRANSIENT PERFORMANCE; TRACKING CONTROL; MULTIPLE MODELS; INPUTS

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DOI: 10.1016/j.mechatronics.2008.05.001

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Record 11 of 52

Author(s): Li, BW (Li, Bowen); Wang, CG (Wang, Chonggang); Ye, K (Ye, Kai); Yu, A (Yu, Ang); Chen, YX (Chen, Yixin); Zuo, ZH (Zuo, Zhenghong)

Title: Differential gene expression in the brain of *Sebastiscus marmoratus* in response to exposure to polychlorinated biphenyls (PCBs)

Source: MARINE ENVIRONMENTAL RESEARCH, 66 (5): 548-552 DEC 2008

Author Keywords: Polychlorinated biphenyls; Neurotoxicity; *Sebastiscus marmoratus*; Suppression subtractive hybridization library; Real time PCR

Keywords Plus: SUPPRESSION SUBTRACTIVE HYBRIDIZATION; LONG-TERM POTENTIATION; DEVELOPMENTAL EXPOSURE; HIPPOCAMPUS; LIBRARIES; AROCLOR-1254; ANIMALS; SNAP-25; PROTEIN; FISH

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Record 12 of 52

Author(s): Shu, QL (Shu, Qinglong); Jiao, NZ (Jiao, Nianzhi)

Title: Profiling Planctomycetales diversity with reference to anammox-related bacteria in a South China Sea, deep-sea sediment

Source: MARINE ECOLOGY-AN EVOLUTIONARY PERSPECTIVE, 29 (4): 413-420 DEC 2008

Author Keywords: 16S rRNA gene; anammox; bacteria; biomarker; deep sea; Planctomycetales; sediment; the South China Sea; vertical distribution

Keywords Plus: ANAEROBIC AMMONIUM OXIDATION; OXIDIZING BACTERIA; MARINE-SEDIMENTS; MOLECULAR EVIDENCE; FRESH-WATER; BLACK-SEA; SYSTEM; PROKARYOTES; EVOLUTION; PIRELLULA

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Record 13 of 52

Author(s): Shu, QL (Shu, Qinglong); Jiao, NZ (Jiao, Nianzhi)

Title: NEW PRIMERS FOR AMPLIFICATION OF THE PLANCTOMYCETES 16S rRNA GENE FROM ENVIRONMENTAL SAMPLES

Source: JOURNAL OF RAPID METHODS AND AUTOMATION IN MICROBIOLOGY, 16 (4): 330-336 DEC 2008

Keywords Plus: OXIDIZING BACTERIA; SP-NOV.; DIVERSITY; HETEROGENEITY; WATER; SOIL

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Record 14 of 52

Author(s): Wu, YP (Wu, Yaping); Kang, JY (Kang, Junyong); Liu, F (Liu, Feng)

Title: Pressure induced wurtzite-to-zinc blende phase transition in ZnO at finite temperature

Source: JOURNAL OF MATERIALS RESEARCH, 23 (12): 3347-3352 DEC 2008

Keywords Plus: VIBRATIONAL ENTROPY; RECENT PROGRESS; 1ST-PRINCIPLES; TRANSFORMATION

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Record 15 of 52

Author(s): Japaridze, G (Japaridze, Giorgi)

Title: Cirquent Calculus Deepened

Source: JOURNAL OF LOGIC AND COMPUTATION, 18 (6): 983-1028 DEC 2008

Keywords Plus: SEMANTICS; LOGIC

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DOI: 10.1093/logcom/exn019

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Record 16 of 52

Author(s): Gu, JJ (Gu, Junjing); Lin, YH (Lin, Yonghui); Ma, B (Ma, Ben); Wu, W (Wu, Wei); Shaik, S (Shaik, Sason)

Title: Covalent Excited States of Polyenes $C_{2n}H_{2n+2}$ ($n=2-8$) and Polyenyl Radicals $C_{2n-1}H_{2n+1}$ ($n=2-8$): An Ab Initio Valence Bond Study

Source: JOURNAL OF CHEMICAL THEORY AND COMPUTATION, 4 (12): 2101-2107 DEC 2008

Keywords Plus: CONFIGURATION-INTERACTION METHOD; LINEAR POLYENES; FREE-JET; RESONANCE INTERACTIONS; ELECTRONIC-STRUCTURE; DYNAMIC CORRELATION; DOUBLET STABILITY; ACYCLIC SYSTEMS; VB-SCF; ALLYL

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Record 17 of 52

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Title: Structures and Physical Properties of Rare-Earth Zinc Antimonides $Pr_6Zn_{1+x}Sb_{14+y}$ and $RE_6Zn_{1+x}Sb_{14}$ (RE = Sm, Gd-Ho)

Source: INORGANIC CHEMISTRY, 47 (24): 11930-11941 DEC 15 2008

Keywords Plus: PLANE-WAVE METHOD; CRYSTAL-STRUCTURE; LA-ND; TRANSPORT-PROPERTIES; ELECTRONIC-STRUCTURE; RE12GA4SB23 RE; PHONON-GLASS; CE; DY; LA13GA8SB21

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Record 18 of 52

Author(s): Yao, TD (Yao, Tandong); Liu, YQ (Liu, Yongqin); Kang, SC (Kang, Shichang); Jiao, NZ (Jiao, Nianzhi); Zeng, YH (Zeng, Yonghui); Liu, XB (Liu, Xiaobo); Zhang, YJ (Zhang, Yongjun)

Title: Bacteria variabilities in a Tibetan ice core and their relations with climate change

Source: GLOBAL BIOGEOCHEMICAL CYCLES, 22 (4): Art. No. GB4017 DEC 4 2008

Keywords Plus: RIBOSOMAL DATABASE PROJECT; GLACIER ICE; RNA GENE; RDP-II; PLATEAU; TEMPERATURE; RECORD; SNOW; PRECIPITATION; DELTA-O-18

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Record 19 of 52

Author(s): Song, G (Song, Gang); Ming, YL (Ming, Yanlin); Mao, YB (Mao, Yubin); Bao, SD (Bao, Shiden); Ouyang, GL (Ouyang, Gaoliang)

Title: Osteopontin Prevents Curcumin-Induced Apoptosis and Promotes Survival Through Akt Activation via $\alpha(v)\beta(3)$ Integrins in Human Gastric Cancer Cells

Source: EXPERIMENTAL BIOLOGY AND MEDICINE, 233 (12): 1537-1545 DEC 2008

Author Keywords: osteopontin (OPN); gastric cancer; curcumin; apoptosis; Akt

Keywords Plus: MAMMARY EPITHELIAL-CELLS; PROTEIN EXPRESSION; BREAST-CANCER; COLON-CANCER; RECEPTOR; GROWTH; METASTASIS; MIGRATION; PATHWAY; GENES

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Record 20 of 52

Author(s): Tong, F (Tong, F.); Xu, XM (Xu, X. M.); Luk, BL (Luk, B. L.); Liu, KP (Liu, K. P.)

Title: Equalization Of Ultrasonic transducers based on evolutionary algorithm and IIR lattice filter

Source: ENGINEERING APPLICATIONS OF ARTIFICIAL INTELLIGENCE, 21 (8): 1409-1415 DEC 2008

Author Keywords: Evolutionary algorithm; IIR filter; Lattice form; Ultrasonic transducer; Non-destructive evaluation

Keywords Plus: DECONVOLUTION; INSPECTION

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DOI: 10.1016/j.engappai.2008.04.010

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Record 21 of 52

Author(s): Zeng, XM (Zeng, Xiao-Ming); Lian, BY (Lian, Bo-Yong)

Title: An estimate on the convergence of MKZ-Bezier operators

Source: COMPUTERS & MATHEMATICS WITH APPLICATIONS, 56 (12): 3023-3028 DEC 2008

Author Keywords: MKZ-Bezier operators; Rate of convergence; Pointwise approximation; Lebesgue-Stieltjes integral; Holder inequality

Keywords Plus: BOUNDED VARIATION FUNCTIONS; MEYER-KONIG; ZELLER OPERATORS; APPROXIMATION; MOMENTS; RATES

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Record 22 of 52

Author(s): Zhang, CX (Zhang, Chaoxian); Wang, L (Wang, Lin); Chen, GR (Chen, Guanrong)

Title: Promising Performance of PA-Coded SIMO FM-DCSK Communication Systems

Source: CIRCUITS SYSTEMS AND SIGNAL PROCESSING, 27 (6): 915-926 DEC 2008

Author Keywords: FM-DCSK; SIMO communication system; Error-correcting code; Error performance

Keywords Plus: PARITY-CHECK CODES; SHANNON LIMIT

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Author(s): Lin, ZX (Lin, Zhi Xiong); Yang, LJ (Yang, Li Juan); Huang, Q (Huang, Qian); Lin, JH (Lin, Jian Hua); Ren, J (Ren, Jie); Chen, ZB (Chen, Zhen Bin); Zhou, LY (Zhou, Lin Ying); Zhang, PF (Zhang, Peng Fei); Fu, J (Fu, Jin)

Title: Inhibition of tumor-induced edema by antisense VEGF is mediated by suppressive vesiculo-vacuolar organelles (VVO) formation

Source: CANCER SCIENCE, 99 (12): 2540-2546 DEC 2008

Keywords Plus: VASCULAR-PERMEABILITY FACTOR; ENDOTHELIAL-GROWTH-FACTOR; FACTOR EXPRESSION; BRAIN EDEMA; ANGIOGENESIS; CELLS; REGULATOR; GLIOMAS; CANCER

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Record 24 of 52

Author(s): Du, D (Du, Dan); Ding, JW (Ding, Jiawang); Tao, Y (Tao, Yuan); Li, HB (Li, Haibing); Chen, X (Chen, Xi)

Title: CdTe nanocrystal-based electrochemical biosensor for the recognition of neutravidin by anodic stripping voltammetry at electrodeposited bismuth film

Source: BIOSENSORS & BIOELECTRONICS, 24 (4): 863-868 DEC 1 2008

Author Keywords: Biosensor; CdTe quantum dots; Anodic stripping voltammetry; Electrodeposition; Bismuth film; Neutravidin

Keywords Plus: QUANTUM DOTS; DNA; AVIDIN; ELECTROCHEMILUMINESCENCE; NANOSTRUCTURES; NANOPARTICLES; HYBRIDIZATION; TECHNOLOGY; PROBES

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ISSN: 0956-5663

DOI: 10.1016/j.bios.2008.07.020

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Record 25 of 52

Author(s): Zhou, ZW (Zhou, Zhiwen); Cai, ZM (Cai, Zhimeng); Li, C (Li, Cheng); Lai, HK (Lai, Hongkai); Chen, SY (Chen, Songyan); Yu, JZ (Yu, Jinzhong)

Title: Promoting strain relaxation of Si_{0.72}Ge_{0.28} film on Si (100) substrate by inserting a low-temperature Ge islands layer in UHV-CVD

Source: APPLIED SURFACE SCIENCE, 255 (5): 2660-2664 Part 2 DEC 30 2008

Author Keywords: Relaxed buffer; SiGe film; LT-Ge layer; Strain relaxation; UHV-CVD

Keywords Plus: THREADING DISLOCATION DENSITY; THIN; GROWTH; HETEROSTRUCTURES; BUFFERS

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Times Cited: 0

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DOI: 10.1016/j.apsusc.2008.07.179

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Record 26 of 52

Author(s): Li, ZY (Li, Zhi-Yang); Xu, FC (Xu, Fuchun); Wu, QH (Wu, Qi-Hui); Li, J (Li, Jing)

Title: Zinc oxide thin film synthesized by combustion chemical vapor deposition

Source: APPLIED SURFACE SCIENCE, 255 (5): 2859-2863 Part 2 DEC 30 2008

Author Keywords: ZnO thin films; CCVD; Oxygen vacancies

Keywords Plus: PULSED-LASER DEPOSITION; GAS-SENSING PROPERTIES; ZNO FILMS; ELECTRICAL-PROPERTIES; SOLAR-CELLS; GROWTH; PHOTOLUMINESCENCE; TRANSPORT; RAMAN; CVD

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Record 27 of 52

Author(s): Shang, JZ (Shang, J. Z.); Zhang, BP (Zhang, B. P.); Wu, CM (Wu, C. M.); Cai, LE (Cai, L. E.); Zhang, JY (Zhang, J. Y.); Yu, JZ (Yu, J. Z.); Wang, QM (Wang, Q. M.)

Title: High Al-content AlInGa_N epilayers with different thicknesses grown on GaN/sapphire templates

Source: APPLIED SURFACE SCIENCE, 255 (5): 3350-3353 Part 2 DEC 30 2008

Author Keywords: XPS; PL; AFM; Composition pulling effect; AlInGa_N; MOCVD

Keywords Plus: SAPPHIRE SUBSTRATE; QUANTUM-WELLS; GAN TEMPLATES; FILMS; STRAIN; RELAXATION; DEFECTS; ALGAN

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Record 28 of 52

Author(s): Lin, ZS (Lin, Zhi-Sheng); Huang, YX (Huang, Ya-Xi); Prots, Y (Prots, Yurii); Zhao, JT (Zhao, Jing-Tai); Kniep, R (Kniep, Ruediger)

Title: Na-5(NH₄)Mn-3[B₉P₆O₃₃(OH)(3)]center dot 1.5H₂O

Source: ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE, 64: I82-U28 Part 12 DEC 2008

Keywords Plus: M-II; METALLOBOROPHOSPHATES; BOROPHOSPHATES; NI; MN; CO

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Times Cited: 0

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DOI: 10.1107/S1600536808037884

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Record 29 of 52

Author(s): Feng, H (Feng, Hai); Cai, SH (Cai, Shuhui); Chen, Z (Chen, Zhong); Lin, MJ (Lin, Meijin); Feng, J (Feng, Ji)

Title: Application of the forward linear prediction on high-resolution NMR spectra in inhomogeneous fields

Source: SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, 71 (3): 1027-1031 DEC 1 2008

Author Keywords: Forward linear prediction; High-resolution; NMR; Inhomogeneous field; Intermolecular multiple-quantum coherence

Keywords Plus: FILTER DIAGONALIZATION METHOD; MAXIMUM-LIKELIHOOD METHOD; MULTIDIMENSIONAL NMR; FOURIER-TRANSFORM; SPECTROSCOPY; ADVANTAGES; ACQUISITION; SIGNALS; SCAN; SETS

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Times Cited: 0

ISSN: 1386-1425

DOI: 10.1016/j.saa.2008.02.041

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Record 30 of 52

Author(s): Liu, Z (Liu, Zhao); Lin, LR (Lin, Li-Rong); Huang, RB (Huang, Rong-Bin); Zheng, LS (Zheng, Lan-Sun)

Title: 1-(2-Methoxybenzylidene)-4-phenylthiosemicarbazide as OFF-ON fluorescent chemodosimeter for detection of Cu²⁺ in acetonitrile-water binary solvents

Source: SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, 71 (4): 1212-1215 DEC 15 2008

Author Keywords: Fluorescence; Chemodosimeter; 1-(2-Methoxybenzylidene)-4-phenylthiosemicarbazide; Copper ion

Keywords Plus: CU(II) ION; TURN-ON; COPPER; CHEMOSENSORS; SENSOR; FLUOROIONOPHORE; ENHANCEMENT; SELECTIVITY; WAVELENGTH; RECEPTOR

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DOI: 10.1016/j.saa.2008.03.027

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Record 31 of 52

Author(s): Tang, YA (Tang, Yongan); Yan, JW (Yan, Jiawei); Zhou, XS (Zhou, Xiaoshun); Fu, YC (Fu, Yongchun); Mao, BW (Mao, Bingwei)

Title: An STM Study on Nonionic Fluorosurfactant Zonyl FSN Self-Assembly on Au(111): Large Domains, Few Defects, and Good Stability

Source: LANGMUIR, 24 (23): 13245-13249 DEC 2 2008

Keywords Plus: SCANNING-TUNNELING-MICROSCOPY; ALKANETHIOL MONOLAYERS; GOLD SURFACES; ELECTROGENERATED CHEMILUMINESCENCE; ADSORPTION; ELECTRODES; GOLD(111); INTERFACE; MODEL

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Record 32 of 52

Author(s): Wan, Q (Wan, Qiang); Xu, LM (Xu, Limei); Yang, F (Yang, Feng)

Title: VP26 of White Spot Syndrome Virus Functions as a Linker Protein between the Envelope and Nucleocapsid of Virions by Binding with VP51

Source: JOURNAL OF VIROLOGY, 82 (24): 12598-12601 DEC 15 2008

Keywords Plus: PROTEOMIC ANALYSIS; STRUCTURAL PROTEINS; GENOME SEQUENCE; CULTURED SHRIMP; MAJOR ENVELOPE; IDENTIFICATION; BACULOVIRUS; INFECTION; NUCLEI; CRABS

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Times Cited: 0

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Record 33 of 52

Author(s): Qi, JY (Qi, J. Y.); Dang, L (Dang, L.); Chen, MD (Chen, M. D.); Wu, W (Wu, W.); Zhang, QE (Zhang, Q. E.); Au, CT (Au, C. T.)

Title: Density Functional Theory Study of CsCn⁻ (n=1-10) Clusters

Source: JOURNAL OF PHYSICAL CHEMISTRY A, 112 (48): 12456-12462 DEC 4 2008

Keywords Plus: DOPED CARBON CLUSTERS; ELECTRON DETACHMENT ENERGIES; EFFECTIVE CORE POTENTIALS; AB-INITIO CALCULATIONS; OPEN-CHAIN-CLUSTERS; LASER MASS-SPECTRA; MOLECULAR CALCULATIONS; PARITY ALTERNATION; FRAGMENTATION ENERGIES; CYCLIC CLUSTERS

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Record 34 of 52

Author(s): Zhou, ZY (Zhou, Zhi-You); Chen, DJ (Chen, De-Jun); Li, H (Li, Hua); Wang, Q (Wang, Qiang); Sun, SG (Sun, Shi-Gang)

Title: Electrooxidation of Dimethoxymethane on a Platinum Electrode in Acidic Solutions Studied by in Situ FTIR Spectroscopy

Source: JOURNAL OF PHYSICAL CHEMISTRY C, 112 (48): 19012-19017 DEC 4 2008

Keywords Plus: METHANOL FUEL-CELL; INFRARED-SPECTROSCOPY; DIRECT OXIDATION; DIMETHYL ETHER; METHYL FORMATE; SURFACE; TRIMETHOXYMETHANE; ELECTROCATALYSIS; ADSORPTION; PT(100)

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Times Cited: 0

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Record 35 of 52

Author(s): Huang, SH (Huang, Shaohui); Wang, BL (Wang, Boliang); Cheng, M (Cheng, Ming); Huang, XY (Huang, Xiaoyang); Ju, Y (Ju, Ying)

Title: The use of a projection method to simplify portal and hepatic vein segmentation in liver anatomy

Source: COMPUTER METHODS AND PROGRAMS IN BIOMEDICINE, 92 (3): 274-278 Sp. Iss. SI DEC 2008

Author Keywords: Liver anatomy; Couinaud's classification; Vessel tree; Volumetric analysis

Keywords Plus: RIGHT LOBE; TRANSPLANTATION; DONOR

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Times Cited: 0

ISSN: 0169-2607

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Record 36 of 52

Author(s): Yun, H (Yun, Hong); Lin, CJ (Lin, Changjian); Li, J (Li, Jing); Wang, JR (Wang, Jingrun); Chen, HB (Chen, Hongbo)

Title: Low-temperature hydrothermal formation of a net-like structured TiO₂ film and its performance of photogenerated cathode protection

Source: APPLIED SURFACE SCIENCE, 255 (5): 2113-2117 Part 1 DEC 30 2008

Author Keywords: Hydrothermal; Anodization; TiO₂ film; Photoanode; Cathode protection

Keywords Plus: TITANATE NANOTUBES; PHOTOCATALYTIC ACTIVITY; CORROSION PROTECTION; STAINLESS-STEEL; ARRAYS; MICROSTRUCTURES; NANOSTRUCTURES; MORPHOLOGY; NANOWIRES; MECHANISM

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Record 37 of 52

Author(s): Shen, Q (Shen, Qu); Sherwood, GD (Sherwood, Gwen D.); McNeill, JA (McNeill, Jeanette A.); Li, Z (Li, Zheng)

Title: Postoperative Pain Management Outcome in Chinese Inpatients

Source: WESTERN JOURNAL OF NURSING RESEARCH, 30 (8): 975-990 DEC 2008

Author Keywords: postoperative pain; acute pain; Houston Pain Outcome Instrument; Chinese patients; patient satisfaction; quality of care

Keywords Plus: QUALITY ASSURANCE STANDARDS; PATIENT SATISFACTION; CANCER PAIN; TASK-FORCE; GUIDELINES; EVALUATE

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Record 38 of 52

Author(s): Wang, H (Wang, Hui); Lin, CJ (Lin, Chang-Jian); Hu, R (Hu, Ren); Zhang, F (Zhang, Fan); Lin, LW (Lin, Li-Wen)

Title: A novel nano-micro structured octacalcium phosphate/protein composite coating on titanium by using an electrochemically induced deposition

Source: JOURNAL OF BIOMEDICAL MATERIALS RESEARCH PART A, 87A (3): 698-705 DEC 1 2008

Author Keywords: Electrochemically induced deposition; octacalcium phosphate; composite coating; nano-micro structure; biological properties

Keywords Plus: CALCIUM PHOSPHATES; NANOPHASE CERAMICS; HYDROXYAPATITE; BONE; IMPLANTS; APATITE; ELECTRODEPOSITION; MINERALIZATION; OSTEOBLASTS; GROWTH

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Record 39 of 52

Author(s): Cheng, LX (Cheng LiXin); Lin, GC (Lin GuoChen); Lan, YY (Lan YongYi); Liu, H (Liu Hui)

Title: Measure theory of statistical convergence

Source: SCIENCE IN CHINA SERIES A-MATHEMATICS, 51 (12): 2285-2303 DEC 2008

Author Keywords: statistical convergence; statistical measure; subdifferential; Banach space; 60B05; 46G99; 40A99

Keywords Plus: POSITIVE LINEAR-OPERATORS; TAUBERIAN-THEOREMS; FUZZY NUMBERS; APPROXIMATING OPERATORS; DOUBLE SEQUENCES; A-SUMMABILITY; LIMIT POINTS; MEYER-KONIG; SPACES; MODULUS

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DOI: 10.1007/s11425-008-0017-z

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Record 40 of 52

Author(s): Sun, JW (Sun, J. W.); Zhang, BP (Zhang, B. P.)

Title: Well-width dependence of exciton-longitudinal-optical-phonon coupling in MgZnO/ZnO single quantum wells

Source: NANOTECHNOLOGY, 19 (48): Art. No. 485401 DEC 3 2008

Keywords Plus: ROOM-TEMPERATURE; EMISSION; ZNO/(MG; ZNO

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Record 41 of 52

Author(s): Chen, GZ (Chen, Guizhi); Lin, JH (Lin, Jianhua)

Title: A new shift scheme for the harmonic Arnoldi method

Source: MATHEMATICAL AND COMPUTER MODELLING, 48 (11-12): 1701-1707 DEC 2008

Author Keywords: Interior eigenproblem; Implicit restart; Morgan's harmonic shifts; Harmonic Arnoldi

Keywords Plus: PROJECTION METHODS; LARGE MATRICES

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Record 42 of 52

Author(s): Pan, JY (Pan, Jian-yi); Zhang, YL (Zhang, Yue-ling); Wang, SY (Wang, San-ying); Peng, XX (Peng, Xuan-xian)

Title: Dodecamer is Required for Agglutination of Litopenaeus vannamei Hemocyanin with Bacterial Cells and Red Blood Cells

Source: MARINE BIOTECHNOLOGY, 10 (6): 645-652 DEC 2008

Author Keywords: Hemocyanin; Agglutination; Hexamer; Dodecamer; Litopenaeus vannamei

Keywords Plus: PROPHENOLOXIDASE-ACTIVATING ENZYME; SHRIMP PENAEUS-MONODON; PRO-PHENOL-OXIDASE; PHENOLOXIDASE ACTIVITY; MOLECULAR-CLONING; FUNCTIONAL-CHARACTERIZATION; CRUSTACEAN HEMOCYANIN; BINDING LECTIN; CDNA CLONING; PROTEIN

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Record 43 of 52

Author(s): Lin, RL (Lin, Rui-Lian); Liu, JX (Liu, Jing-Xin); Long, LS (Long, La-Sheng); Huang, RB (Huang, Rong-Bin); Zheng, LS (Zheng, Lan-Sun)

Title: A novel one-dimensional supramolecular inclusion compound linked by hydrogen bonding interaction

Source: JOURNAL OF INCLUSION PHENOMENA AND MACROCYCLIC CHEMISTRY, 62 (3-4): 263-267 DEC 2008

Author Keywords: Cucurbit[6]uril; Hydrogen bonding interaction; X-ray crystallography; Supramolecular compound

Keywords Plus: ION COMPLEXED CUCURBITURIL; CRYSTAL-STRUCTURES; ORGANIC-MOLECULES; METAL-ION; HOMOLOGS; BINDING; DERIVATIVES; CAVITAND; SWITCH

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Record 44 of 52

Author(s): Luo, ZH (Luo, Zheng-Hong); Wang, W (Wang, Wei); Su, PL (Su, Pei-Lin)

Title: Modeling of the Propylene Polymerization Catalyzed by Single-/Multi-Active Site Catalyst: A Monte Carlo Study

Source: JOURNAL OF APPLIED POLYMER SCIENCE, 110 (6): 3360-3367 DEC 15 2008

Author Keywords: Monte Carlo simulation; polypropylene; propylene polymerization catalyst; single-/multi-active site catalyst

Keywords Plus: MOLECULAR-WEIGHT DISTRIBUTIONS; FREE-RADICAL POLYMERIZATION; ZIEGLER-NATTA CATALYSTS; CHAIN-LENGTH DISTRIBUTIONS; MASS-TRANSFER RESISTANCE; LOW-DENSITY POLYETHYLENE; HETEROGENEOUS CATALYSIS; MULTISTAGE POLYMERIZATION; BRANCHING DISTRIBUTION; LINEAR-POLYMERS

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Record 45 of 52

Author(s): Qin, CF (Qin, Chengfu); Yuan, XD (Yuan, Xudong); Su, HJ (Su, Hanji)

Title: Some properties of contraction-critical 5-connected graphs

Source: DISCRETE MATHEMATICS, 308 (23): 5742-5756 DEC 6 2008

Author Keywords: 5-connected graph; Contraction-critical; Fragment

Keywords Plus: CONNECTED GRAPHS; EDGES

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Record 46 of 52

Author(s): Zeng, M (Zeng, Ming); Lin, ZF (Lin, ZhiFen); Yin, DQ (Yin, DaQiang); Yin, KD (Yin, KeDong)

Title: QSAR for Predicting Joint Toxicity of Halogenated Benzenes to *Dicrateria zhanjiangensis*

Source: BULLETIN OF ENVIRONMENTAL CONTAMINATION AND TOXICOLOGY, 81 (6): 525-530 DEC 2008

Author Keywords: QSAR models; Mixture toxicity; Halogenated benzenes; *Dicrateria zhanjiangensis*

Keywords Plus: NONPOLAR NARCOTIC CHEMICALS; MIXTURE TOXICITY; POLLUTANTS

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Record 47 of 52

Author(s): Lin, WQ (Lin, Weiqiang); Tan, SB (Tan, Shaobin)

Title: Graded Modules Over the q-Analog Virasoro-Like Algebra

Source: ALGEBRAS AND REPRESENTATION THEORY, 11 (6): 505-517 DEC 2008

Author Keywords: Graded module; Generalized highest weight module; q-analog Virasoro-like algebra; 17B68; 17B65; 17B10

Keywords Plus: HARISH-CHANDRA MODULES; AFFINE LIE-ALGEBRAS; QUANTUM TORI; REPRESENTATIONS

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Record 48 of 52

Author(s): Wang, DX (Wang, Dongxiao); Xu, HZ (Xu, Hongzhou); Lin, J (Lin, Jing); Hu, JY (Hu, Jianyu)

Title: Anticyclonic Eddies in the Northeastern South China Sea during Winter 2003/2004

Source: JOURNAL OF OCEANOGRAPHY, 64 (6): 925-935 DEC 2008

Author Keywords: Two anticyclonic eddies; northeastern South China Sea; Kuroshio intrusion; sea level anomaly; satellite-tracked buoy

Keywords Plus: UPPER-LAYER CIRCULATION; LUZON STRAIT; LOOP CURRENT; KUROSHIO BEND; EDDY; INTRUSION; WATER; VARIABILITY

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Record 49 of 52

Author(s): Chen, XH (Chen, Xiaohong); Li, SP (Li, Shuping); Kang, JY (Kang, Junyong)

Title: Initial process effects on the surface morphology and structural property of the AlN epilayers

Source: JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, 19: S215-S218 Suppl. 1 DEC 2008

Conference Title: 12th International Conference on Defects-Recognition, Imaging and Physics in Semiconductors

Conference Date: SEP 09-13, 2007

Conference Location: Berlin, GERMANY

Keywords Plus: ALN/SAPPHIRE TEMPLATES; FILMS; GROWTH; SAPPHIRE; POLARITY; AIN; GAN

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Record 50 of 52

Author(s): Zhou, CJ (Zhou, Changjie); Kang, JY (Kang, Junyong)

Title: Electronic structures of ZnO(0001)-Zn and (000-1)-O polar surfaces

Source: JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, 19: S229-S233 Suppl. 1 DEC 2008

Conference Title: 12th International Conference on Defects-Recognition, Imaging and Physics in Semiconductors

Conference Date: SEP 09-13, 2007

Conference Location: Berlin, GERMANY

Keywords Plus: TOTAL-ENERGY CALCULATIONS; WAVE BASIS-SET; OXIDE SURFACES; PHOTOELECTRON DIFFRACTION; ZNO; SPECTROSCOPY; RELAXATION; METALS

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Record 51 of 52

Author(s): Li, ZY (Li, Zhi-Yang); Wu, QH (Wu, Qi-Hui)

Title: The effects of oxygen vacancies on the electronic properties of V₂O_{5-x}

Source: JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, 19: S366-S370 Suppl. 1 DEC 2008

Conference Title: 12th International Conference on Defects-Recognition, Imaging and Physics in Semiconductors

Conference Date: SEP 09-13, 2007

Conference Location: Berlin, GERMANY

Keywords Plus: VANADIUM-OXIDES; PHOTOEMISSION-SPECTROSCOPY; THIN-FILMS; PHOTOELECTRON; INTERCALATION; CATALYSTS; SURFACE

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Record 52 of 52

Author(s): Wang, YM (Wang, Ying-Ming); Parkan, C (Parkan, Celik); Luo, Y (Luo, Ying)

Title: A linear programming method for generating the most favorable weights from a pairwise comparison matrix

Source: COMPUTERS & OPERATIONS RESEARCH, 35 (12): 3918-3930 DEC 2008

Author Keywords: analytic hierarchy process; multicriteria decision analysis; data envelopment analysis; most favorable weights; rank preservation

Keywords Plus: ANALYTIC HIERARCHY PROCESS; DATA ENVELOPMENT ANALYSIS; RANK REVERSAL; LAYOUT DESIGN; DS/AHP METHOD; AHP; PRIORITIES; VECTORS; AGGREGATION; PREFERENCE

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