

上海大学 ESI 高被引论文通告（第 5 期）

上海大学情报研究所 上海大学图书馆

二零一四年五月二十二日

ESI(Essential Science IndicatorsSM)的数据来源于超过 10000 种 SCI 和 SSCI 收录的期刊。数据覆盖当前的滚动十年，每两个月更新一次。

- **高被引论文 (Highly Cited Papers)**: 指按照 22 个学科分类, 论文被引次数高低排序在前 1%的论文;
- **热点论文 (Hot Papers)**: 最近两年里发表的论文中, 按照最近两个月某个学科领域被引用次数进入前 1%的论文;

本期信息来源说明如下:

| 检索数据库 | ESI 数据库 Highly Cited Papers | ESI 数据库 Hot Papers |
|-------|-----------------------------|---------------------------|
| 检索时间 | 2014 年 5 月 9 日 | 2014 年 5 月 9 日 |
| 检索词 | Institution=Shanghai Univ | Institution=Shanghai Univ |
| 检索结果 | 90 篇 | 1 篇 |

根据 ESI 数据库 2014 年 5 月 1 日更新数据,上海大学高被引论文篇数为 90 篇。与 2013 年 3 月 1 日更新数据相比, 论文数增加了 24 篇, 且新收录论文 54 篇, 见“3 全校 ESI 高被引论文详情”的红色字体内容。

本期目录:

| | |
|---------------------------------------|---|
| 1 上海大学 ESI 高被引论文概况..... | 2 |
| 1.1 发表年份分布..... | 2 |
| 1.2 院系所分布..... | 2 |
| 1.3 来源出版物分布..... | 4 |
| 2 全校 ESI 热点论文..... | 5 |
| 3 全校 ESI 高被引论文详情 (红色字体内容为新进库论文) | 6 |

1 上海大学 ESI 高被引论文概况

1.1 发表年份分布

| 年份 | 2004 | 2005 | 2006 | 2007 | 2009 | 2010 | 2011 | 2012 | 2013 |
|--------------|------|------|------|------|------|------|------|------|------|
| 篇数 | 2 | 2 | 5 | 5 | 10 | 14 | 15 | 18 | 19 |
| 第一作者及通讯作者(篇) | 1 | 2 | 0 | 2 | 8 | 8 | 7 | 8 | 15 |

注：上表的年份指论文发表年份。

1.2 院系所分布

按照 ESI 数据库中第一作者和通讯作者论文所署地址统计。只要第一作者和通讯作者中至少有一个是上海大学的均列入下表（第一作者和通讯作者所署地址均为上海大学只计一次）。

“第一作者/通讯作者”一列中，符号“/”前“非上大”表示第一作者所署地址不是上海大学，符号“/”后“非上大”表示通讯作者所署地址不是上海大学。

| 院系所名称 | 篇数 | 第一作者/通讯作者 | 期刊名 | 影响因子及分区(2012) |
|--|----|------------------|---------------------------|---------------|
| 环境与化学工程学院/纳米化学与纳米生物学研究所 (Inst Nanochem & Biol; Inst Nanochem & Nanobiol) | 9 | Yang ST/Cao AN | SMALL | 7.823/Q1 |
| | | Pan DY/Pan DY | J MATER CHEM | 6.108/Q1 |
| | | Yang ST/Wang HF | J COLLOID INTERF SCI | 3.172/Q2 |
| | | Chang YL/Cao AN | TOXICOL LETT | 3.145/Q2 |
| | | Yang ST/Wang HF | J COLLOID INTERF SCI | 3.172/Q1 |
| | | Pan DY/Pan DY | ADV MATER | 13.860/Q1 |
| | | Cao AN/Cao AN | ADV MATER | 13.860/Q1 |
| | | Pan DY/Pan DY | CHEM COMMUN | 6.378/Q1 |
| | | Pan DY/Pan DY | CHEM MATER | 8.238/Q1 |
| 环境与化学工程学院 (Environm & Chem Engn) | 7 | Zhao B/Jiang Y | J POWER SOURCES | 4.675/Q1 |
| | | Shu XY/Jia XS | ORG BIOMOL CHEM | 3.568/Q1 |
| | | Shu XY/非上大 | CHEM COMMUN | 6.378/Q1 |
| | | Zou YQ/Wang Y | NANOSCALE | 6.233/Q1 |
| | | Chen SQ/Wang Y | J MATER CHEM | 6.108/Q1 |
| | | Gu Y/Wang Y | ACS APPL MATER INTERFACES | 5.008/Q1 |
| | | Chen P/Wang Y | J POWER SOURCES | 4.675/Q1 |
| 环境与化学工程学院/环境污染与健康研究所 (Inst Environm Pollut & Hlth) | 1 | Jiang YF/Wang XT | J HAZARD MATER | 3.925//Q1 |
| 理学院化学系 (Dept Chem) | 7 | Zhao HB/Xu JQ | J POWER SOURCES | 4.675/Q1 |
| | | Li CJ/Li CJ | CHEM COMMUN | 6.378/Q1 |
| | | Du XJ/Zhang DS | J PHYS CHEM C | 4.814/Q1 |
| | | Li CJ/Li CJ | ORG LETT | 6.142/Q1 |
| | | Li CJ/Li CJ | CHEM COMMUN | 6.378/Q1 |
| | | Li CJ/Li CJ | ORG BIOMOL CHEM | 3.568/Q1 |
| 系统生物研究所 (Inst Syst Biol) | 3 | Zhang Y/Xu JQ | J PHYS CHEM C | 4.814/Q1 |
| | | Hu LL/Hu LL | PLOS ONE | 3.730/Q1 |
| | | Cai YD/Cai YD | BMC BIOINFORMATICS | 3.024/Q1 |
| 理学院数学系 (Dept Math) | 15 | 非上大/Cai YD | CURR BIOINFORM | 2.017/Q2 |
| | | He ZH/Wang QW | LINEAR MULTILINEAR A | 0.677/Q2 |
| | | Li CP/Li CP | NONLINEAR DYNAM | 3.009/Q1 |

| | | | | |
|--|---|-------------------|----------------------------|----------|
| | | Li CP/Li CP | NUMER FUNC ANAL OPT | 0.500/Q4 |
| | | Wang QW/Wang QW | LINEAR MULTILINEAR A | 0.677/Q1 |
| | | Li CP/Li CP | FRACT CALC APPL ANAL | --- |
| | | Li CP/Li CP | INT J BIFURCAT CHAOS | 0.921/Q2 |
| | | Li CP/Li CP | COMPUT MATH APPL | 2.069/Q1 |
| | | Wang QW/Wang QW | LINEAR ALGEBRA APPL | 0.968/Q2 |
| | | Li CP/Li CP | COMPUT MATH APPL | 2.069/Q1 |
| | | Wang QW/Wang QW | LINEAR ALGEBRA APPL | 0.968/Q1 |
| | | 非上大/Li CP | NONLINEAR DYNAM | 3.009/Q1 |
| | | Li CP/Li CP | APPL MATH COMPUT | 1.349/Q1 |
| | | 非上大/Li CP | PHYSICA A | 1.676/Q2 |
| | | Wang QW/Wang QW | COMPUT MATH APPL | 2.069/Q1 |
| | | Li CP/Li CP | CHAOS SOLITON FRACT | 1.246/Q2 |
| 应用数学与力学所 (Inst Appl Math & Mech) | 1 | Zhou J/Zhou J | NONLINEAR ANAL-HYBRI | 1.685/Q1 |
| (Ctr Leadership & Human Resource Management) | 1 | Wei F/非上大 | ASIA PAC J MANAG | 4.099/Q1 |
| 通信与信息工程学院 (Sch Commun & Informat Engn) | 1 | Feng GR/Feng GR | IEEE TRANS NEURAL NETWORKS | --- |
| 通信与信息工程学院/特种光 纤及光纤接入网重点实验室 (Key Lab Specialty Fiber Opt) | 1 | Ma DC/Ma DC | PROG ELECTROMAGN RES | --- |
| 新型显示技术及应用集成教育 部重点实验室 (Minist Educ, Key Lab Adv Display & Syst Applicat) | 1 | Zhang JH/Zhang JH | J ELECTRON PACKAGING | 0.934/Q2 |
| 纳米中心 (Res Ctr Nano Sci & Technol) | 4 | Gao RH/Zhang DS | J PHYS CHEM C | 4.814/Q1 |
| | | Fang C/Fang C | CATAL SCI TECHNOL | 3.753/Q2 |
| | | Zhang DS/Zhang DS | NANOSCALE | 6.233/Q1 |
| | | Zhang DS/Zhang DS | DALTON T | 3.806/Q1 |

1.3 来源出版物分布

| 期刊名称 | 影响因子及 分区(2012) | 发文篇 数 | 期刊名称 | 影响因子及 分区(2012) | 发文 篇数 |
|----------------------|-------------------|----------|----------------------|-------------------|----------|
| CHEM COMMUN | 6.378/Q1 | 6 | BMC BIOINFORMATICS | 3.024/Q1 | 1 |
| PLOS ONE | 3.730/Q1 | 6 | CARBON | 5.868/Q1 | 1 |
| COMPUT MATH APPL | 2.069/Q1 | 4 | CATAL SCI TECHNOL | 3.753/Q2 | 1 |
| J PHYS CHEM C | 4.814/Q1 | 4 | CHAOS SOLITON FRACT | 1.246/Q2 | 1 |
| J AM CHEM SOC | 10.677/Q1 | 4 | CHEM MATER | 8.238/Q1 | 1 |
| INT J BIFURCAT CHAOS | 0.921/Q2 | 3 | CURR BIOINFORM | 2.017/Q2 | 1 |
| J MATER CHEM | 6.108/Q1 | 3 | DALTON T | 3.806/Q1 | 1 |
| J POWER SOURCES | 4.675/Q1 | 3 | ENVIRON SCI TECHNOL | 5.257/Q1 | 1 |
| NONLINEAR ANAL-THEOR | 1.640/Q1 | 3 | J COMPUT APPL MATH | 0.989/Q2 | 1 |
| ORG BIOMOL CHEM | 3.568/Q1 | 3 | J ELECTRON PACKAGING | 0.934/Q2 | 1 |
| ADV MATER | 13.860/Q1 | 2 | J HAZARD MATER | 3.925/Q1 | 1 |
| APPL MATH COMPUT | 1.349/Q1 | 2 | NAT MATER | 35.749/Q1 | 1 |
| BIOINFORMATICS | 5.323/Q1 | 2 | NONLINEAR ANAL-HYBRI | 1.685/Q1 | 1 |
| IEEE T CIRCUITS-I | 2.240/Q1 | 2 | NUMER FUNC ANAL OPT | 0.500/Q4 | 1 |
| J COLLOID INTERF SCI | 3.172/Q2 | 2 | OPTIM LETT | 1.654/Q1 | 1 |
| LINEAR MULTILINEAR A | 0.677/Q2 | 2 | ORG LETT | 6.142/Q1 | 1 |
| LINEAR ALGEBRA APPL | 0.968/Q2 | 2 | PHYSICA A | 1.676/Q2 | 1 |
| NANOSCALE | 6.233/Q1 | 2 | PHYS REV A | 3.042/Q1 | 1 |
| NONLINEAR DYNAM | 3.009/Q1 | 2 | PHYS REV LETT | 7.943/Q1 | 1 |
| ACS APPL MATER INTER | 5.008/Q1 | 1 | PLANT CELL | 9.251/Q1 | 1 |
| ADV FUNCT MATER | 9.765/Q1 | 1 | PLANT PHYSIOL | 6.555/Q1 | 1 |
| ADV ATOM MOL OPT PHY | 2.000/Q2 | 1 | SMALL | 7.823/Q1 | 1 |
| APPL CLAY SCI | 2.342/Q1 | 1 | TECHNOVATION | 3.177/Q1 | 1 |
| ASIA PAC J MANAG | 4.099/Q1 | 1 | TOXICOL LETT | 3.145/Q2 | 1 |

上表中列出的是我校 ESI 高被引论文较为集中及影响因子较高的来源出版物。其中，最多的是 CHEM COMMUN 和 PLOS ONE，各有 6 篇，只刊有 1 篇的占了超过总数的 60%。

2 全校 ESI 热点论文

1 Citations: 21

Title: RELAXED EXTRAGRADIENT METHODS FOR FINDING MINIMUM-NORM SOLUTIONS OF THE SPLIT FEASIBILITY PROBLEM

Authors: CENG LC; ANSARI QH; YAO JC

Source: NONLINEAR ANAL-THEOR METH APP 75 (4): 2116-2125 MAR 2012

Addresses: Shanghai Normal Univ, Dept Math, Shanghai 200234, Peoples R China.

Shanghai Univ, Sci Comp Key Lab, Shanghai 200234, Peoples R China.

Aligarh Muslim Univ, Dept Math, Aligarh 202002, Uttar Pradesh, India.

Kaohsiung Med Univ, Ctr Gen Educ, Kaohsiung 80708, Taiwan.

Field: MATHEMATICS

3 全校 ESI 高被引论文详情

注：红色字体内容为新收录论文

1 Citations: 287

Title: HYDROTHERMAL ROUTE FOR CUTTING GRAPHENE SHEETS INTO BLUE-LUMINESCENT GRAPHENE QUANTUM DOTS

Authors: PAN DY; ZHANG JC; LI Z; WU MH

Source: ADVAN MATER 22 (6): 734+ FEB 9 2010

Addresses: **Shanghai Univ**, Inst Nanochem & Nanobiol, Shanghai 201800, Peoples R China.

Shanghai Univ, Shanghai Appl Radiat Inst, Shanghai 201800, Peoples R China.

Field: MATERIALS SCIENCE

2 Citations: 235

Title: A FACILE ONE-STEP METHOD TO PRODUCE GRAPHENE-CDS QUANTUM DOT NANOCOMPOSITES AS PROMISING OPTOELECTRONIC MATERIALS

Authors: CAO AN; LIU Z; CHU SS; WU MH; YE ZM; CAI ZW; CHANG YL; WANG SF; GONG QH; LIU YF

Source: ADVAN MATER 22 (1): 103+ JAN 5 2010

Addresses: **Shanghai Univ**, Inst Nanochem & Nanobiol, Shanghai 200444, Peoples R China.

Peking Univ, Sch Phys, State Key Lab Mesoscop Phys, Beijing 100871, Peoples R China.

Peking Univ, Coll Chem & Mol Engr, Beijing Natl Lab Mol Sci, Beijing 100871, Peoples R China.

Field: MATERIALS SCIENCE

3 Citations: 233

Title: LI STORAGE PROPERTIES OF DISORDERED GRAPHENE NANOSHEETS

Authors: PAN DY; WANG S; ZHAO B; WU MH; ZHANG HJ; WANG Y; JIAO Z

Source: CHEM MATER 21 (14): 3136-3142 JUL 28 2009

Addresses: **Shanghai Univ**, Inst Nanochem & Nanobiol, Shanghai 201800, Peoples R China.

Shanghai Univ, Sch Environm & Chem Engr, Shanghai 201800, Peoples R China.

Field: MATERIALS SCIENCE

4 Citations: 216

Title: A SURFACE FUNCTIONAL MONOMER-DIRECTING STRATEGY FOR HIGHLY DENSE IMPRINTING OF TNT AT SURFACE OF SILICA NANOPARTICLES

Authors: GAO DM; ZHANG ZP; WU MH; XIE CG; GUAN GJ; WANG DP

Source: J AM CHEM SOC 129 (25): 7859-7866 JUN 27 2007

Addresses: Chinese Acad Sci, Inst Inetelligent Machines, Hefei 230031, Anhui, Peoples R China.

Univ Sci & Technol China, Dept Chem, Hefei 230026, Anhui, Peoples R China.

Shanghai Univ, Inst Nanochem & Biol, Shanghai 200436, Peoples R China.

Field: CHEMISTRY

5 Citations: 210

Title: CHAOS IN CHENS SYSTEM WITH A FRACTIONAL ORDER

Authors: LI CP; PENG GJ

Source: CHAOS SOLITON FRACTAL 22 (2): 443-450 OCT 2004

Addresses: **Shanghai Univ**, Dept Math, Shanghai 200436, Peoples R China.

Field: PHYSICS

6 Citations: 193

Title: CARBON DOTS FOR OPTICAL IMAGING IN VIVO

Authors: YANG ST; CAO L; LUO PGJ; LU FS; WANG X; WANG HF; MEZIANI MJ; LIU YF; QI G; SUN YP

Source: J AM CHEM SOC 131 (32): 11308+ AUG 19 2009

Addresses: Peking Univ, Beijing Natl Lab Mol Sci, Dept Biol Chem, Coll Chem & Mol Engr, Beijing 100871, Peoples R China.

Clemson Univ, Dept Chem, Clemson, SC 29634 USA.

Clemson Univ, Lab Emerging Mat & Technol, Clemson, SC 29634 USA.

Shanghai Univ, Inst Nanochem & Nanobiol, Shanghai 200444, Peoples R China.

Field: CHEMISTRY

7 Citations: 147

Title: A GRAPHENE-BASED FLUORESCENT NANOPROBE FOR SILVER(I) IONS DETECTION BY USING GRAPHENE OXIDE AND A SILVER-SPECIFIC OLIGONUCLEOTIDE

Authors: WEN YQ; XING FF; HE SJ; SONG SP; WANG LH; LONG YT; LI D; FAN CH

Source: CHEM COMMUN 46 (15): 2596-2598 2010

Addresses: Chinese Acad Sci, Shanghai Inst Appl Phys, Phys Biol Lab, Shanghai 201800, Peoples R China.

Shanghai Univ, Dept Chem, Sch Sci, Shanghai 200444, Peoples R China.

E China Univ Sci & Technol, Sch Chem & Chem Engn, Shanghai 200237, Peoples R China.

Field: CHEMISTRY

8 Citations: 142

Title: CHAOS SYNCHRONIZATION OF THE FRACTIONAL LU SYSTEM

Authors: DENG WH; LI CP

Source: PHYSICA A 353: 61-72 AUG 1 2005

Addresses: **Shanghai Univ**, Dept Math, Shanghai 200444, Peoples R China.

Lanzhou Univ, Sch Math & Stat, Lanzhou 730000, Peoples R China.

Univ Pretoria, Dept Elect Elect & Comp Engn, ZA-0002 Pretoria, South Africa.

Field: PHYSICS

9 Citations: 139

Title: IN VITRO TOXICITY EVALUATION OF GRAPHENE OXIDE ON A549 CELLS

Authors: CHANG YL; YANG ST; LIU JH; DONG E; WANG YW; CAO AN; LIU YF; WANG HF

Source: TOXICOL LETT 200 (3): 201-210 FEB 5 2011

Addresses: **Shanghai Univ**, Inst Nanochem & Nanobiol, Shanghai 200444, Peoples R China.

Peking Univ, Beijing Natl Lab Mol Sci, Beijing 100871, Peoples R China.

Peking Univ, Coll Chem & Mol Engn, Beijing 100871, Peoples R China.

Field: PHARMACOLOGY & TOXICOLOGY

10 Citations: 138

Title: EXPOSURE OF ELECTRONICS DISMANTLING WORKERS TO POLYBROMINATED DIPHENYL ETHERS, POLYCHLORINATED BIPHENYLS, AND ORGANOCHLORINE PESTICIDES IN SOUTH CHINA

Authors: BI XH; THOMAS GO; JONES KC; QU WY; SHENG GY; MARTIN FL; FU JM

Source: ENVIRON SCI TECHNOL 41 (16): 5647-5653 AUG 15 2007

Addresses: Univ Lancaster, Ctr Chem Management, Lancaster Environm Ctr, Lancaster LA1 4YQ, England.

Univ Lancaster, Lancaster Environm Ctr, Dept Environm Sci, Lancaster LA1 4YQ, England.

Chinese Acad Sci, Guangzhou Inst Geochem, Guangdong Key Lab Environm & Resource, State Key Lab Organ Geochem, Guangzhou 510640, Peoples R China.

Univ Lancaster, Dept Biol Sci, Biomed Sci Unit, Lancaster LA1 4YQ, England.

Shanghai Univ, Sch Environm & Chem Engn, Inst Environm Pollut & Hlth, Shanghai 200072, Peoples R China.

Field: ENVIRONMENT/ECOLOGY

11 Citations: 137

Title: BRUSH-LIKE HIERARCHICAL ZNO NANOSTRUCTURES: SYNTHESIS, PHOTOLUMINESCENCE AND GAS SENSOR PROPERTIES

Authors: ZHANG Y; XU JQ; XIANG Q; LI H; PAN QY; XU PC

Source: J PHYS CHEM C 113 (9): 3430-3435 MAR 5 2009

Addresses: **Shanghai Univ**, Dept Chem, Coll Sci, Shanghai 200444, Peoples R China.

Shanghai Univ, Coll Sci, Dept Phys, Shanghai 200444, Peoples R China.

Chinese Acad Sci, Shanghai Inst Microsyst & Informat Technol, State Key Lab Transducer Technol, Shanghai 200050, Peoples R China.

Field: PHYSICS

12 Citations: 133

Title: GLOBAL SYNCHRONIZATION OF COUPLED DELAYED NEURAL NETWORKS AND APPLICATIONS TO CHAOTIC CNN MODELS

Authors: CHEN GR; ZHOU J; LIU ZR

Source: INT J BIFURCATION CHAOS 14 (7): 2229-2240 JUL 2004

Addresses: City Univ Hong Kong, Dept Elect Engn, Hong Kong, Hong Kong, Peoples R China.

Hebei Univ Technol, Dept Appl Math, Tianjin 300130, Peoples R China.

Fudan Univ, Inst Math, Shanghai 200433, Peoples R China.

Shanghai Univ, Dept Math, Shanghai 200436, Peoples R China.

Field: MATHEMATICS

13 Citations: 132

Title: PREDICTING DRUG-TARGET INTERACTION NETWORKS BASED ON FUNCTIONAL GROUPS AND BIOLOGICAL FEATURES

Authors: HE ZS; ZHANG J; SHI XH; HU LL; KONG XY; CAI YD; CHOU KC

Source: PLOS ONE 5 (3): - MAR 11 2010

Addresses: Chinese Acad Sci, Shanghai Inst Biol Sci, CAS MPG Partner Inst Computat Biol, Shanghai, Peoples R China.

Shanghai Univ, Inst Syst Biol, Shanghai, Peoples R China.

Yangpu Dist Cent Hosp, Dept Ophthalmol, Shanghai, Peoples R China.

Chinese Acad Sci, Shanghai Inst Biol Sci, Inst Hlth Sci, Shanghai, Peoples R China.

SJTUSM, Shanghai, Peoples R China.

Fudan Univ, Ctr Computat Syst Biol, Shanghai 200433, Peoples R China.

Shanghai Jiao Tong Univ, Ruijin Hosp, State Key Lab Med Genom, Shanghai 200030, Peoples R China.

Gordon Life Sci Inst, San Diego, CA USA.

Field: BIOLOGY & BIOCHEMISTRY

14 Citations: 132

Title: CARBON DOTS AS NONTOXIC AND HIGH-PERFORMANCE FLUORESCENCE IMAGING AGENTS

Authors: YANG ST; WANG X; WANG HF; LU FS; LUO PJG; CAO L; MEZIANI MJ; LIU JH; LIU YF; CHEN M; HUANG YP; SUN YP

Source: J PHYS CHEM C 113 (42): 18110-18114 OCT 22 2009

Addresses: Peking Univ, Coll Chem & Mol Engr, Beijing Natl Lab Mol Sci, Beijing 100871, Peoples R China.

Clemson Univ, Dept Chem, Clemson, SC 29634 USA.

Clemson Univ, Lab Emerging Mat & Technol, Clemson, SC 29634 USA.

Shanghai Univ, Inst Nanochem & Nanobiol, Shanghai 200444, Peoples R China.

Xiamen Univ, Dept Oceanog, Lab Mass Spectrometry, Xiamen 361005, Peoples R China.

Field: PHYSICS

15 Citations: 131

Title: THE RICE TAPETUM DEGENERATION RETARDATION GENE IS REQUIRED FOR TAPETUM DEGRADATION AND ANTHER DEVELOPMENT

Authors: LI N; ZHANG DS; LIU HS; YIN CS; LI XX; LIANG WQ; YUAN Z; XU B; CHU HW; WANG J; WEN TQ; HUANG H; LUO D; MA H; ZHANG DB

Source: PLANT CELL 18 (11): 2999-3014 NOV 2006

Addresses: Shanghai Jiao Tong Univ, Shanghai Inst Biol Sci, Minist Educ, Penn State Univ, Key Lab Microbial Metab, Joint Ctr Life Sci, Sch Life Sci & Biotechnol, Shanghai 200240, Peoples R China.

Shanghai Univ, Coll Life Sci, Shanghai 200436, Peoples R China.

Chinese Acad Sci, Shanghai Inst Biol Sci, Inst Plant Physiol & Ecol, Shanghai 200032, Peoples R China.

Penn State Univ, Huck Inst Life Sci, Dept Biol, University Pk, PA 16802 USA.

Field: PLANT & ANIMAL SCIENCE

16 Citations: 117

Title: GENOME-WIDE ANALYSIS OF BASIC/HELIX-LOOP-HELIX TRANSCRIPTION FACTOR FAMILY IN RICE AND ARABIDOPSIS

Authors: LI XX; DUAN XP; JIANG HX; SUN YJ; TANG YP; YUAN Z; GUO JK; LIANG WQ; CHEN L; YIN JY; MA H; WANG J; ZHANG DB

Source: PLANT PHYSIOL 141 (4): 1167-1184 AUG 2006

Addresses: Shanghai Jiao Tong Univ, Shanghai Inst Biol Sci, Shanghai 200030, Peoples R China.

Penn State Univ, Joint Ctr Life Sci, Key Lab Microbial Metab, Minist Educ, Sch Life Sci, Key Lab Microbial Metab, University Pk, PA 16802 USA.

Shanghai Univ, Sch Life Sci, Shanghai 200444, Peoples R China.

Xiamen Univ, Sch Life Sci, Xiamen 361005, Peoples R China.

Chinese Acad Sci, Shanghai Inst Biol Sci, Inst Plant Physiol & Ecol, Shanghai, Peoples R China.

PENN STATE UNIV, DEPT BIOL, UNIVERSITY PK, PA 16802, USA.

Penn State Univ, Huck Inst Life Sci, University Pk, PA 16802 USA.

Field: PLANT & ANIMAL SCIENCE

17 Citations: 112

Title: COMPLEX INTERACTIONS OF PILLAR[5]ARENE WITH PARAQUATS AND BIS(PYRIDINIUM) DERIVATIVES

Authors: LI CJ; XU QQ; LI J; YAO FN; JIA XS

Source: *ORG BIOMOL CHEM* 8 (7): 1568-1576 2010

Addresses: **Shanghai Univ**, Dept Chem, Shanghai 200444, Peoples R China.

Chinese Acad Sci, Inst Chem, CAS Key Lab Mol Recognit & Funct, Beijing Natl Lab Mol Sci, Beijing 100190, Peoples R China.

Chinese Acad Sci, Shanghai Inst Organ Chem, Key Lab Synthet Chem Nat Subst, Shanghai 200032, Peoples R China.

Field: **BIOLOGY & BIOCHEMISTRY**

18 Citations: 111

Title: ANALYSIS AND PREDICTION OF THE METABOLIC STABILITY OF PROTEINS BASED ON THEIR SEQUENTIAL FEATURES, SUBCELLULAR LOCATIONS AND INTERACTION NETWORKS

Authors: HUANG T; SHI XH; WANG P; HE ZS; FENG KY; HU LL; KONG XY; LI YX; CAI YD; CHOU KC

Source: *PLOS ONE* 5 (6): - JUN 4 2010

Addresses: Chinese Acad Sci, Shanghai Inst Biol Sci, Key Lab Syst Biol, Shanghai, Peoples R China.

Shanghai Ctr Bioinformat Technol, Shanghai, Peoples R China.

Shanghai Univ, Inst Syst Biol, Shanghai, Peoples R China.

Chinese Acad Sci, Shanghai Inst Biol Sci, Inst Hlth Sci, Shanghai, Peoples R China.

Shanghai Jiao Tong Univ, Sch Med, Shanghai 200030, Peoples R China.

Chinese Acad Sci, Shanghai Inst Biol Sci, CAS MPG Partner Inst Computat Biol, Shanghai, Peoples R China.

Shanghai Jiao Tong Univ, Ruijin Hosp, State Key Lab Med Genom, Shanghai 200030, Peoples R China.

Fudan Univ, Ctr Computat Syst Biol, Shanghai 200433, Peoples R China.

Gordon Life Sci Inst, San Diego, CA USA.

Field: **BIOLOGY & BIOCHEMISTRY**

19 Citations: 108

Title: STABILITY OF GENETIC NETWORKS WITH SUM REGULATORY LOGIC: LURE SYSTEM AND LMI APPROACH

Authors: LI CG; CHEN LN; AIHARA K

Source: *IEEE TRANS CIRCUIT SYST-I* 53 (11): 2451-2458 NOV 2006

Addresses: Univ Elect Sci & Technol China, Sch Elect Engr, Ctr Nonlinear & Complex Syst, Chengdu 610054, Peoples R China.

Shanghai Univ, Inst Syst Biol, Shanghai 200444, Peoples R China.

Osaka Sangyo Univ, Osaka 5748530, Japan.

Japan Sci & Technol Agcy, Aihara Complex Modelling Project, ERATO, Tokyo 1510064, Japan.

Univ Tokyo, Inst Ind Sci, Tokyo 1538505, Japan.

Field: **ENGINEERING**

20 Citations: 106

Title: SYNCHRONIZATION IN GENERAL COMPLEX DELAYED DYNAMICAL NETWORKS

Authors: ZHOU J; CHEN TP

Source: *IEEE TRANS CIRCUIT SYST-I* 53 (3): 733-744 MAR 2006

Addresses: Fudan Univ, Inst Math, Minist Educ, Key Lab Math Nonlinear Sci, Shanghai 200433, Peoples R China.

Shanghai Univ, Inst Appl Math & Mech, Shanghai 200072, Peoples R China.

Hebei Univ Technol, Dept Appl Math, Tianjin 300130, Peoples R China.

Fudan Univ, Lab Nonlinear Sci, Inst Math, Shanghai 200433, Peoples R China.

Field: **ENGINEERING**

21 Citations: 105

Title: INFERRING GENE REGULATORY NETWORKS FROM MULTIPLE MICROARRAY DATASETS

Authors: WANG Y; JOSHI T; ZHANG XS; XU D; CHEN LN

Source: *BIOINFORMATICS* 22 (19): 2413-2420 OCT 1 2006

Addresses: Osaka Sangyo Univ, Dept Elect Engr & Elect, Osaka 5748530, Japan.

Chinese Acad Sci, Acad Math & Syst Sci, Beijing 100080, Peoples R China.

Univ Missouri, Dept Comp Sci, Columbia, MO 65211 USA.

Univ Missouri, Christopher S Bond Life Sci Ctr, Columbia, MO 65211 USA.

Shanghai Univ, Inst Syst Biol, Shanghai 200444, Peoples R China.

Field: **COMPUTER SCIENCE**

22 Citations: 103

Title: STABILITY ANALYSIS OF LINEAR FRACTIONAL DIFFERENTIAL SYSTEM WITH MULTIPLE TIME DELAYS

Authors: DENG WH; LI CP; LU JH
Source: NONLINEAR DYNAMICS 48 (4): 409-416 JUN 2007
Addresses: **Shanghai Univ**, Dept Math, Shanghai 200444, Peoples R China.
Lanzhou Univ, Sch Math & Stat, Lanzhou 730000, Peoples R China.
Chinese Acad Sci, Acad Math & Syst Sci, Inst Syst Sci, Key Lab Syst & Control, Beijing 100080, Peoples R China.
Field: ENGINEERING

23 Citations: 98

Title: SELF-ASSEMBLY OF [2]PSEUDOROTAXANES BASED ON PILLAR[5]ARENE AND BIS(IMIDAZOLIUM) CATIONS
Authors: LI CJ; ZHAO L; LI JA; DING X; CHEN SH; ZHANG QL; YU YH; JIA XS
Source: CHEM COMMUN 46 (47): 9016-9018 2010
Addresses: **Shanghai Univ**, Dept Chem, Shanghai 200444, Peoples R China.
E China Normal Univ, Dept Phys, Shanghai Key Lab Magnet Resonance, Shanghai 200062, Peoples R China.
Field: CHEMISTRY

24 Citations: 96

Title: MICROWAVE-ASSISTED SYNTHESIS OF A CO₃O₄-GRAPHENE SHEET-ON-SHEET NANOCOMPOSITE AS A SUPERIOR ANODE MATERIAL FOR LI-ION BATTERIES
Authors: CHEN SQ; WANG Y
Source: J MATER CHEM 20 (43): 9735-9739 2010
Addresses: **Shanghai Univ**, Dept Chem Engr, Sch Environm & Chem Engr, Shanghai 200444, Peoples R China.
Field: MATERIALS SCIENCE

25 Citations: 88

Title: OBSERVATION OF PH-, SOLVENT-, SPIN-, AND EXCITATION-DEPENDENT BLUE PHOTOLUMINESCENCE FROM CARBON NANOPARTICLES
Authors: PAN DY; ZHANG JC; LI Z; WU C; YAN XM; WU MH
Source: CHEM COMMUN 46 (21): 3681-3683 2010
Addresses: **Shanghai Univ**, Inst Nanochem & Nanobiol, Shanghai 201800, Peoples R China.
Shanghai Univ, Shanghai Appl Radiat Inst, Shanghai 201800, Peoples R China.
Field: CHEMISTRY

26 Citations: 84

Title: NIO NANOSHEETS GROWN ON GRAPHENE NANOSHEETS AS SUPERIOR ANODE MATERIALS FOR LI-ION BATTERIES
Authors: ZOU YQ; WANG Y
Source: NANOSCALE 3 (6): 2615-2620 2011
Addresses: **Shanghai Univ**, Sch Environm & Chem Engr, Shanghai 200444, Peoples R China.
Field: PHYSICS

27 Citations: 80

Title: FOLDING/AGGREGATION OF GRAPHENE OXIDE AND ITS APPLICATION IN CU²⁺ REMOVAL
Authors: YANG ST; CHANG YL; WANG HF; LIU GB; CHEN S; WANG YW; LIU YF; CAO AN
Source: J COLLOID INTERFACE SCI 351 (1): 122-127 NOV 1 2010
Addresses: **Shanghai Univ**, Inst Nanochem & Nanobiol, Shanghai 200444, Peoples R China.
Peking Univ, Coll Chem & Mol Engr, Beijing Natl Lab Mol Sci, Beijing 100871, Peoples R China.
Field: CHEMISTRY

28 Citations: 79

Title: IRIIDIUM(III) COMPLEX-COATED NANOSYSTEM FOR RATIO-METRIC UPCONVERSION LUMINESCENCE BIOIMAGING OF CYANIDE ANIONS
Authors: LIU JL; LIU Y; LIU Q; LI CY; SUN LN; LI FY
Source: J AM CHEM SOC 133 (39): 15276-15279 OCT 5 2011

Addresses: Fudan Univ, Dept Chem, Shanghai 200433, Peoples R China.
Shanghai Univ, Res Ctr Nano Sci & Technol, Shanghai 200444, Peoples R China.
Field: CHEMISTRY

29 Citations: 79

Title: SIMULATION STUDY ON THE INFLUENCES OF THE BONDING PARAMETERS ON THE WARPAGE OF CHIP-ON-GLASS MODULE WITH NONCONDUCTIVE FILM

Authors: ZHANG JH; YUAN F; ZHANG JS
Source: J ELECTRON PACKAGING 131 (4): - DEC 2009
Addresses: **Shanghai Univ**, Key Lab Adv Display & Syst Applicat, Minist Educ, Shanghai 200072, Peoples R China.
Shanghai Univ, Sch Mechatron Engr & Automat, Shanghai 200072, Peoples R China.
Field: ENGINEERING

30 Citations: 78
Title: PORPHYRIN NANOVESICLES GENERATED BY PORPHYRIN BILAYERS FOR USE AS MULTIMODAL BIOPHOTONIC CONTRAST AGENTS
Authors: LOVELL JF; JIN CS; HUYNH E; JIN HL; KIM C; RUBINSTEIN JL; CHAN WCW; CAO WG; WANG LV; ZHENG G
Source: NAT MATER 10 (4): 324-332 APR 2011
Addresses: Univ Toronto, Inst Biomat & Biomed Engr, Toronto, ON M5G 1L7, Canada.
Univ Hlth Network, Ontario Canc Inst, Toronto, ON M5G 1L7, Canada.
Univ Toronto, Dept Med Biophys, Toronto, ON M5G 1L7, Canada.
Washington Univ, Opt Imaging Lab, Dept Biomed Engr, St Louis, MO 63130 USA.
HOSP SICK CHILDREN, RES INST, TORONTO M5G 1X8, ON, CANADA.
Shanghai Univ, Dept Chem, Shanghai 200444, Peoples R China.
Field: MATERIALS SCIENCE

31 Citations: 74
Title: FAST OPTIMAL FRICTIONLESS ATOM COOLING IN HARMONIC TRAPS: SHORTCUT TO ADIABATICITY
Authors: CHEN X; RUSCHHAUPT A; SCHMIDT S; DEL CAMPO A; GUERY-ODELIN D; MUGA JG
Source: PHYS REV LETT 104 (6): - FEB 12 2010
Addresses: Univ Basque Country, Dept Quim Fis, Bilbao 48080, Spain.
Shanghai Univ, Dept Phys, Shanghai 200444, Peoples R China.
Leibniz Univ Hannover, Inst Theoret Phys, D-30167 Hannover, Germany.
Univ London Imperial Coll Sci Technol & Med, QOLS, Blackett Lab, London SW7 2BW, England.
Univ Toulouse 3, IRSAMC, CNRS, Lab Collis Agregats React, UMR 5589, F-31062 Toulouse 4, France.
Field: PHYSICS

32 Citations: 72
Title: A FACILE SYNTHESIS OF ANATASE TiO₂ NANOSHEETS-BASED HIERARCHICAL SPHERES WITH OVER 90% {001} FACETS FOR DYE-SENSITIZED SOLAR CELLS
Authors: YANG WG; LI JM; WANG YL; ZHU F; SHI WM; WAN FR; XU DS
Source: CHEM COMMUN 47 (6): 1809-1811 2011
Addresses: Peking Univ, Beijing Natl Lab Mol Sci, State Key Lab Struct Chem Unstable & Stable Speci, Coll Chem & Mol Engr, Beijing 100871, Peoples R China.
Shanghai Univ, Sch Mat Sci & Engr, Shanghai 200444, Peoples R China.
Univ Sci & Technol Beijing, Dept Mat Phys & Chem, Beijing Key Lab Adv Energy Mat & Technol, Beijing 100085, Peoples R China.
Field: CHEMISTRY

33 Citations: 69
Title: REMARKS ON FRACTIONAL DERIVATIVES
Authors: LI CP; DENG WH
Source: APPL MATH COMPUT 187 (2): 777-784 APR 15 2007
Addresses: **Shanghai Univ**, Dept Math, Shanghai 200444, Peoples R China.
Lanzhou Univ, Sch Math & Stat, Lanzhou 730000, Peoples R China.
Field: MATHEMATICS

34 Citations: 68
Title: REMOVAL OF METHYLENE BLUE FROM AQUEOUS SOLUTION BY GRAPHENE OXIDE
Authors: YANG ST; CHEN S; CHANG YL; CAO AN; LIU YF; WANG HF
Source: J COLLOID INTERFACE SCI 359 (1): 24-29 JUL 1 2011
Addresses: **Shanghai Univ**, Inst Nanochem & Nanobiol, Shanghai 200444, Peoples R China.
Peking Univ, Coll Chem & Mol Engr, Beijing Natl Lab Mol Sci, Beijing 100871, Peoples R China.
Field: CHEMISTRY

35 Citations: 64
Title: HIGHLY EFFECTIVE BINDING OF NEUTRAL DINITRILES BY SIMPLE PILLAR[5]ARENES

Authors: SHU XY; CHEN SH; LI J; CHEN ZX; WENG LH; JIA XS; LI CJ
Source: CHEM COMMUN 48 (24): 2967-2969 2012
Addresses: **Shanghai Univ**, Coll Environm & Chem Engn, Shanghai 200444, Peoples R China.
Shanghai Univ, Dept Chem, Shanghai 200444, Peoples R China.
Fudan Univ, Dept Chem, Shanghai 200433, Peoples R China.
Field: CHEMISTRY

36 Citations: 64

Title: BOTTOM-UP FABRICATION OF PHOTOLUMINESCENT GRAPHENE QUANTUM DOTS WITH UNIFORM MORPHOLOGY
Authors: LIU RL; WU DQ; FENG XL; MULLEN K
Source: J AM CHEM SOC 133 (39): 15221-15223 OCT 5 2011
Addresses: Max Planck Inst Polymer Res, D-55128 Mainz, Germany.
Shanghai Univ, Sch Environm & Chem Engn, Shanghai 200444, Peoples R China.
Field: CHEMISTRY

37 Citations: 64

Title: ERROR MINIMIZED EXTREME LEARNING MACHINE WITH GROWTH OF HIDDEN NODES AND INCREMENTAL LEARNING
Authors: FENG GR; HUANG GB; LIN QP; GAY R
Source: IEEE TRANS NEURAL NETWORKS 20 (8): 1352-1357 AUG 2009
Addresses: **Shanghai Univ**, Sch Commun & Informat Engn, Shanghai 200072, Peoples R China.
Nanyang Technol Univ, Sch Elect & Elect Engn, Singapore 639798, Singapore.
Field: ENGINEERING

38 Citations: 62

Title: BISYMMETRIC AND CENTROSYMMETRIC SOLUTIONS TO SYSTEMS OF REAL QUATERNION MATRIX EQUATIONS
Authors: WANG QW
Source: COMPUT MATH APPL 49 (5-6): 641-650 APR-MAY 2005
Addresses: **Shanghai Univ**, Dept Math, Shanghai 200444, Peoples R China.
Field: MATHEMATICS

39 Citations: 61

Title: PREDICTING FUNCTIONS OF PROTEINS IN MOUSE BASED ON WEIGHTED PROTEIN-PROTEIN INTERACTION NETWORK AND PROTEIN HYBRID PROPERTIES
Authors: HU LL; HUANG T; SHI XH; LU WC; CAI YD; CHOU KC
Source: PLOS ONE 6 (1): - JAN 19 2011
Addresses: **Shanghai Univ**, Inst Syst Biol, Shanghai, Peoples R China.
Shanghai Univ, Coll Sci, Dept Chem, Shanghai, Peoples R China.
Chinese Acad Sci, Shanghai Inst Biol Sci, Key Lab Syst Biol, Shanghai, Peoples R China.
Shanghai Ctr Bioinformat Technol, Shanghai, Peoples R China.
Chinese Acad Sci, Shanghai Inst Biol Sci, Inst Hlth Sci, Shanghai, Peoples R China.
Shanghai Jiao Tong Univ, Sch Med, Shanghai 200030, Peoples R China.
Fudan Univ, Ctr Computat Syst Biol, Shanghai 200433, Peoples R China.
Gordon Life Sci Inst, San Diego, CA USA.
Field: BIOLOGY & BIOCHEMISTRY

40 Citations: 55

Title: OCCURRENCE, DISTRIBUTION AND POSSIBLE SOURCES OF ORGANOCHLORINE PESTICIDES IN AGRICULTURAL SOIL OF SHANGHAI, CHINA
Authors: JIANG YF; WANG XT; JIA Y; WANG F; WU MH; SHENG GY; FU JM
Source: J HAZARD MATER 170 (2-3): 989-997 OCT 30 2009
Addresses: **Shanghai Univ**, Inst Environm Pollut & Hlth, Sch Environm & Chem Engn, Shanghai 200444, Peoples R China.
Chinese Acad Sci, Guangzhou Inst Geochem, Guangzhou 510640, Guangdong, Peoples R China.

41 Citations: 52

Title: PREDICTION OF ANTIMICROBIAL PEPTIDES BASED ON SEQUENCE ALIGNMENT AND FEATURE SELECTION METHODS
Authors: WANG P; HU LL; LIU GY; JIANG N; CHEN XY; XU JY; ZHENG W; LI L; TAN M; CHEN ZG; SONG H; CAI YD; CHOU KC

Source: PLOS ONE 6 (4): - APR 13 2011

Addresses: Chinese Acad Sci, Tianjin Inst Ind Biotechnol, Tianjin, Peoples R China.

Shanghai Univ, Inst Syst Biol, Shanghai, Peoples R China.

Shanghai Univ, Coll Sci, Dept Chem, Shanghai, Peoples R China.

Univ Calif Los Angeles, Dept Human Genet, Los Angeles, CA USA.

Gordon Life Sci Inst, San Diego, CA USA.

Field: BIOLOGY & BIOCHEMISTRY

42 Citations: 50

Title: CATALYTIC APPLICATIONS OF LAYERED DOUBLE HYDROXIDES AND DERIVATIVES

Authors: XU ZP; ZHANG J; ADEBAJO MO; ZHANG H; ZHOU CH

Source: APPL CLAY SCI 53 (2): 139-150 SP. ISS. SI AUG 2011

Addresses: Univ Queensland, Australian Inst Bioengn & Nanotechnol, Australian Res Council, Ctr Excellence Funct Nanomat, Brisbane, Qld 4072, Australia.

Shanghai Univ, Sch Environm & Chem Engn, Shanghai 200072, Peoples R China.

Univ Queensland, Ctr Computat Mol Sci, Australian Inst Bioengn & Nanotechnol, Brisbane, Qld 4072, Australia.

Zhejiang Univ Technol, Coll Chem Engn & Mat Sci 6, Res Grp Adv Mat & Sustainable Catalysis, Breeding Base State Key Lab Green Chem Synth Tech, Hangzhou 310032, Zhejiang, Peoples R China.

Field: GEOSCIENCES

43 Citations: 50

Title: RELATIONSHIP BETWEEN COOPERATION NETWORKS AND INNOVATION PERFORMANCE OF SMES

Authors: ZENG SX; XIE XM; TAM CM

Source: TECHNOVATION 30 (3): 181-194 MAR 2010

Addresses: Shanghai Jiao Tong Univ, Antai Sch Management, Shanghai 200052, Peoples R China.

Shanghai Univ, Sch Management, Shanghai 200444, Peoples R China.

City Univ Hong Kong, Coll Sci & Engn, Hong Kong, Hong Kong, Peoples R China.

Field: ENGINEERING

44 Citations: 48

Title: SHORT MEMORY PRINCIPLE AND A PREDICTOR-CORRECTOR APPROACH FOR FRACTIONAL DIFFERENTIAL EQUATIONS

Authors: DENG WH

Source: J COMPUT APPL MATH 206 (1): 174-188 SEP 1 2007

Addresses: Lanzhou Univ, Sch Math & Stat, Lanzhou 730000, Peoples R China.

Shanghai Univ, Dept Math, Shanghai 200444, Peoples R China.

Field: MATHEMATICS

45 Citations: 43

Title: IDENTIFICATION OF COLORECTAL CANCER RELATED GENES WITH MRMR AND SHORTEST PATH IN PROTEIN-PROTEIN INTERACTION NETWORK

Authors: LI BQ; HUANG T; LIU L; CAI YD; CHOU KC

Source: PLOS ONE 7 (4): - APR 4 2012

Addresses: Chinese Acad Sci, Shanghai Inst Biol Sci, Key Lab Syst Biol, Shanghai, Peoples R China.

Shanghai Ctr Bioinformat Technol, Shanghai, Peoples R China.

Shanghai Univ, Inst Syst Biol, Shanghai, Peoples R China.

Fudan Univ, Ctr Computat Syst Biol, Shanghai 200433, Peoples R China.

Gordon Life Sci Inst, San Diego, CA USA.

Field: BIOLOGY & BIOCHEMISTRY

46 Citations: 43

Title: PREDICTING THE NETWORK OF SUBSTRATE-ENZYME-PRODUCT TRIADS BY COMBINING COMPOUND SIMILARITY AND FUNCTIONAL DOMAIN COMPOSITION

Authors: CHEN L; FENG KY; CAI YD; CHOU KC; LI HP

Source: BMC BIOINFORMATICS 11: - MAY 31 2010

Addresses: **Shanghai Univ**, Inst Syst Biol, Shanghai 200444, Peoples R China.

Shanghai Maritime Univ, Coll Informat Engn, Shanghai 201306, Peoples R China.

Fudan Univ, Ctr Computat Syst Biol, Shanghai 200433, Peoples R China.

Univ Manchester, Div Imaging Sci, Sch Med, Manchester M13 9PT, Lancs, England.

Gordon Life Sci Inst, San Diego, CA 92130 USA.

Chinese Acad Sci, Shanghai Inst Biol Sci, CAS MPG Partner Inst Computat Biol, Shanghai 200031, Peoples R

China.

Field: COMPUTER SCIENCE

47 Citations: 43

Title: RANKS AND THE LEAST-NORM OF THE GENERAL SOLUTION TO A SYSTEM OF QUATERNION MATRIX EQUATIONS

Authors: WANG QW; LI CK

Source: LINEAR ALGEBRA APPL 430 (5-6): 1626-1640 MAR 1 2009

Addresses: **Shanghai Univ**, Dept Math, Shanghai 200444, Peoples R China.

Field: MATHEMATICS

48 Citations: 42

Title: SYNTHESIS OF PILLAR[5]ARENE DIMERS AND THEIR COOPERATIVE BINDING TOWARD SOME NEUTRAL GUESTS

Authors: LI CJ; HAN K; LI J; ZHANG HC; MA JW; SHU XY; CHEN ZX; WENG LH; JIA XS

Source: ORG LETT 14 (1): 42-45 JAN 6 2012

Addresses: **Shanghai Univ**, Dept Chem, Shanghai 200444, Peoples R China.

Tianjin Inst Power Source, Tianjin 300381, Peoples R China.

Fudan Univ, Dept Chem, Shanghai 200433, Peoples R China.

Field: CHEMISTRY

49 Citations: 39

Title: SUPERCAPACITOR PERFORMANCES OF THERMALLY REDUCED GRAPHENE OXIDE

Authors: ZHAO B; LIU P; JIANG Y; PAN DY; TAO HH; SONG JS; FANG T; XU WW

Source: J POWER SOURCES 198: 423-427 JAN 15 2012

Addresses: **Shanghai Univ**, Sch Environm & Chem Engn, Shanghai 200444, Peoples R China.

Shanghai Entry Exit Inspect & Quarantine Bur, Shanghai 200135, Peoples R China.

Field: ENGINEERING

50 Citations: 39

Title: CARBON-COATED SNO₂/GRAPHENE NANOSHEETS AS HIGHLY REVERSIBLE ANODE MATERIALS FOR LITHIUM ION BATTERIES

Authors: ZHANG CF; PENG X; GUO ZP; CAI CB; CHEN ZX; WEXLER D; LI S; LIU HK

Source: CARBON 50 (5): 1897-1903 APR 2012

Addresses: Univ Wollongong, Inst Superconducting & Elect Mat, Wollongong, NSW 2522, Australia.

Univ Wollongong, Sch Mech Mat & Mechatron Engn, Wollongong, NSW 2522, Australia.

Shanghai Univ, Res Ctr Superconductors & Appl Technol, Dept Phys, Shanghai 200444, Peoples R China.

Univ New S Wales, Sch Mat Sci & Engn, Sydney, NSW 2052, Australia.

Field: CHEMISTRY

51 Citations: 38

Title: CUTTING SP(2) CLUSTERS IN GRAPHENE SHEETS INTO COLLOIDAL GRAPHENE QUANTUM DOTS WITH STRONG GREEN FLUORESCENCE

Authors: PAN DY; GUO L; ZHANG JC; XI C; XUE Q; HUANG H; LI JH; ZHANG ZW; YU WJ; CHEN ZW; LI Z; WU MH

Source: J MATER CHEM 22 (8): 3314-3318 2012

Addresses: **Shanghai Univ**, Inst Nanochem & Nanobiol, Shanghai 201800, Peoples R China.

Shanghai Univ, Shanghai Appl Radiat Inst, Shanghai 201800, Peoples R China.

Shanghai Univ, Microstruct **Shanghai Univ**, Shanghai 201800, Peoples R China.

Field: MATERIALS SCIENCE

52 Citations: 37

Title: STABILITY ANALYSIS FOR SOLITONS IN PT-SYMMETRIC OPTICAL LATTICES

Authors: NIXON S; GE LJ; YANG JK

Source: PHYS REV A 85 (2): - FEB 21 2012

Addresses: Univ Vermont, Dept Math & Stat, Burlington, VT 05401 USA.

Shanghai Univ, Dept Phys, Shanghai 200444, Peoples R China.

Field: PHYSICS

53 Citations: 35

Title: SHAPE-CONTROLLED SYNTHESIS AND CATALYTIC APPLICATION OF CERIA NANOMATERIALS

Authors: ZHANG DS; DU XJ; SHI LY; GAO RH

Source: DALTON TRANS 41 (48): 14455-14475 2012

Addresses: **Shanghai Univ**, Res Ctr Nano Sci & Technol, Shanghai 200444, Peoples R China.

Shanghai Univ, Dept Chem, Shanghai 200444, Peoples R China.

Field: CHEMISTRY

54 Citations: 33

Title: NUMERICAL ALGORITHM BASED ON ADOMIAN DECOMPOSITION FOR FRACTIONAL DIFFERENTIAL EQUATIONS

Authors: LI CP; WANG YH

Source: COMPUT MATH APPL 57 (10): 1672-1681 MAY 2009

Addresses: **Shanghai Univ**, Dept Math, Shanghai 200444, Peoples R China.

Zhejiang Forestry Univ, Dept Appl Math, Hangzhou 311300, Zhejiang, Peoples R China.

Field: MATHEMATICS

55 Citations: 32

Title: COMPLEXATION OF NEUTRAL 1,4-DIHALOBUTANES WITH SIMPLE PILLAR[5]ARENES THAT IS DOMINATED BY DISPERSION FORCES

Authors: SHU XY; FAN JZ; LI J; WANG XY; CHEN W; JIA XS; LI CJ

Source: ORG BIOMOL CHEM 10 (17): 3393-3397 2012

Addresses: **Shanghai Univ**, Coll Environm & Chem Engn, Shanghai 200444, Peoples R China.

Shanghai Univ, Dept Chem, Shanghai 200444, Peoples R China.

Lanzhou Univ, State Key Lab Appl Organ Chem, Lanzhou 730000, Peoples R China.

Field: BIOLOGY & BIOCHEMISTRY

56 Citations: 32

Title: MORPHOLOGY DEPENDENCE OF CATALYTIC PROPERTIES OF NI/CEO2 NANOSTRUCTURES FOR CARBON DIOXIDE REFORMING OF METHANE

Authors: DU XJ; ZHANG DS; SHI LY; GAO RH; ZHANG JP

Source: J PHYS CHEM C 116 (18): 10009-10016 MAY 10 2012

Addresses: **Shanghai Univ**, Dept Chem, Res Ctr Nano Sci & Technol, Shanghai 200444, Peoples R China.

Field: PHYSICS

57 Citations: 32

Title: COMPACT DUAL-BAND BANDPASS FILTER USING FOLDED SIR WITH TWO STUBS FOR WLAN

Authors: MA DC; XIAO ZY; XIANG LL; WU XH; HUANG CY; KOU X

Source: PROG ELECTROMAGN RES 117: 357-364 2011

Addresses: **Shanghai Univ**, Sch Commun & Informat Engn, Shanghai, Peoples R China.

Shanghai Univ, Key Lab Specialty Fiber Opt & Opt Access Networks, Shanghai, Peoples R China.

Field: ENGINEERING

58 Citations: 32

Title: A RELAXED EXTRAGRADIENT-LIKE METHOD FOR A GENERALIZED MIXED EQUILIBRIUM PROBLEM, A GENERAL SYSTEM OF GENERALIZED EQUILIBRIA AND A FIXED POINT PROBLEM

Authors: CENG LC; YAO JC

Source: NONLINEAR ANAL-THEOR METH APP 72 (3-4): 1922-1937 FEB 1 2010

Addresses: Natl Sun Yat Sen Univ, Dept Appl Math, Kaohsiung 804, Taiwan.

Shanghai Normal Univ, Dept Math, Shanghai 200234, Peoples R China.

Shanghai Univ, Sci Comp Key Lab, Shanghai 200041, Peoples R China.

Field: MATHEMATICS

59 Citations: 31

Title: A SYSTEM OF REAL QUATERNION MATRIX EQUATIONS WITH APPLICATIONS

Authors: WANG QW; VAN DER WOUDE JW; CHANG HX

Source: LINEAR ALGEBRA APPL 431 (12): 2291-2303 DEC 1 2009

Addresses: **Shanghai Univ**, Dept Math, Shanghai 200444, Peoples R China.

Delft Univ Technol, Fac Elect Engn Math & Comp Sci, NL-2628 CD Delft, Netherlands.

Field: MATHEMATICS

60 Citations: 29

Title: HYDROTHERMAL SYNTHESIS OF HIERARCHICAL SNO2 MICROSPHERES FOR GAS SENSING AND LITHIUM-ION BATTERIES APPLICATIONS: FLUORIDE-MEDIATED FORMATION OF SOLID AND HOLLOW STRUCTURES

Authors: WANG HK; FU F; ZHANG FH; WANG HE; KERSHAW SV; XU JQ; SUN SG; ROGACH AL
Source: J MATER CHEM 22 (5): 2140-2148 2012
Addresses: City Univ Hong Kong, Dept Phys & Mat Sci, Hong Kong, Hong Kong, Peoples R China.
City Univ Hong Kong, Ctr Funct Photon CFP, Hong Kong, Hong Kong, Peoples R China.
Xiamen Univ, Coll Chem & Chem Engr, Dept Chem, State Key Lab Phys Chem Solid Surfaces, Xiamen 361005, Peoples R China.
Shanghai Univ, Dept Chem, Coll Sci, Shanghai 200444, Peoples R China.
Field: MATERIALS SCIENCE

61 Citations: 29

Title: ONE-POT SYNTHESIS OF PILLAR[N]ARENES CATALYZED BY A MINIMUM AMOUNT OF TFOH AND A SOLUTION-PHASE MECHANISTIC STUDY
Authors: WANG K; TAN LL; CHEN DX; SONG N; XI G; ZHANG SXA; LI CJ; YANG YW
Source: ORG BIOMOL CHEM 10 (47): 9405-9409 2012
Addresses: Jilin Univ, Coll Chem, State Key Lab Supramol Struct & Mat, Changchun 130012, Peoples R China.
Shanghai Univ, Dept Chem, Shanghai 200444, Peoples R China.
Field: BIOLOGY & BIOCHEMISTRY

62 Citations: 29

Title: NUMERICAL APPROXIMATION OF NONLINEAR FRACTIONAL DIFFERENTIAL EQUATIONS WITH SUBDIFFUSION AND SUPERDIFFUSION
Authors: LI CP; ZHAO ZG; CHEN YQ
Source: COMPUT MATH APPL 62 (3): 855-875 SP. ISS. SI AUG 2011
Addresses: **Shanghai Univ**, Dept Math, Shanghai 200444, Peoples R China.
Utah State Univ, Dept Elect & Comp Engr, Logan, UT 84322 USA.
Field: MATHEMATICS

63 Citations: 28

Title: PREDICTING ANATOMICAL THERAPEUTIC CHEMICAL (ATC) CLASSIFICATION OF DRUGS BY INTEGRATING CHEMICAL-CHEMICAL INTERACTIONS AND SIMILARITIES
Authors: CHEN L; ZENG WM; CAI YD; FENG KY; CHOU KC
Source: PLOS ONE 7 (4): - APR 13 2012
Addresses: Shanghai Maritime Univ, Coll Informat Engr, Shanghai, Peoples R China.
Shanghai Univ, Inst Syst Biol, Shanghai, Peoples R China.
Shanghai Ctr Bioinformat Technol, Shanghai, Peoples R China.
Chinese Acad Sci, Shanghai Inst Biol Sci, Key Lab Syst Biol, Shanghai, Peoples R China.
Gordon Life Sci Inst, San Diego, CA USA.
Field: BIOLOGY & BIOCHEMISTRY

64 Citations: 24

Title: AN EXTRAGRADIENT METHOD FOR SOLVING SPLIT FEASIBILITY AND FIXED POINT PROBLEMS
Authors: CENG LC; ANSARI QH; YAO JC
Source: COMPUT MATH APPL 64 (4): 633-642 AUG 2012
Addresses: Aligarh Muslim Univ, Dept Math, Aligarh 202002, Uttar Pradesh, India.
Shanghai Normal Univ, Dept Math, Shanghai 200234, Peoples R China.
Shanghai Univ, Sci Comp Key Lab, Shanghai 200234, Peoples R China.
King Fahd Univ Petr & Minerals, Dept Math & Stat, Dhahran 31261, Saudi Arabia.
Kaohsiung Med Univ, Ctr Gen Educ, Kaohsiung 80708, Taiwan.
Field: MATHEMATICS

65 Citations: 22

Title: MOLECULAR SELECTIVE BINDING OF BASIC AMINO ACIDS BY A WATER-SOLUBLE PILLAR[5]ARENE
Authors: LI CJ; MA JW; ZHAO L; ZHANG YY; YU YH; SHU XY; LI J; JIA XS
Source: CHEM COMMUN 49 (19): 1924-1926 2013
Addresses: **Shanghai Univ**, Dept Chem, Shanghai 200444, Peoples R China.
Fudan Univ, State Key Lab Mol Engr Polymers, Shanghai 200433, Peoples R China.
E China Normal Univ, Dept Phys, Shanghai Key Lab Magnet Resonance, Shanghai 200062, Peoples R China.
Field: CHEMISTRY

66 Citations: 21 [View Graphs](#) [View the Hot Paper graph](#) [View the Research Front](#) [View Full Record in Web of Science](#)

Title: RELAXED EXTRAGRADIENT METHODS FOR FINDING MINIMUM-NORM SOLUTIONS OF THE SPLIT FEASIBILITY PROBLEM

Authors: CENG LC; ANSARI QH; YAO JC

Source: NONLINEAR ANAL-THEOR METH APP 75 (4): 2116-2125 MAR 2012

Addresses: Shanghai Normal Univ, Dept Math, Shanghai 200234, Peoples R China.

Shanghai Univ, Sci Comp Key Lab, Shanghai 200234, Peoples R China.

Aligarh Muslim Univ, Dept Math, Aligarh 202002, Uttar Pradesh, India.

Kaohsiung Med Univ, Ctr Gen Educ, Kaohsiung 80708, Taiwan.

Field: MATHEMATICS

67 Citations: 21

Title: SOME ITERATIVE METHODS FOR FINDING FIXED POINTS AND FOR SOLVING CONSTRAINED CONVEX MINIMIZATION PROBLEMS

Authors: CENG LC; ANSARI QH; YAO JC

Source: NONLINEAR ANAL-THEOR METH APP 74 (16): 5286-5302 NOV 2011

Addresses: Kaohsiung Med Univ, Ctr Gen Educ, Kaohsiung 80708, Taiwan.

Aligarh Muslim Univ, Dept Math, Aligarh 202002, Uttar Pradesh, India.

Shanghai Univ, Sci Comp Key Lab, Shanghai 200041, Peoples R China.

Shanghai Normal Univ, Dept Math, Shanghai 200234, Peoples R China.

Field: MATHEMATICS

68 Citations: 21

Title: RELAXED EXTRAGRADIENT ITERATIVE METHODS FOR VARIATIONAL INEQUALITIES

Authors: CENG LC; ANSARI QH; YAO JC

Source: APPL MATH COMPUT 218 (3): 1112-1123 SP. ISS. SI OCT 1 2011

Addresses: Kaohsiung Med Univ, Ctr Gen Educ, Kaohsiung 80702, Taiwan.

Shanghai Normal Univ, Dept Math, Shanghai 200234, Peoples R China.

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Field: MATHEMATICS

69 Citations: 16

Title: VANADIUM OXIDES-REDUCED GRAPHENE OXIDE COMPOSITE FOR LITHIUM-ION BATTERIES AND SUPERCAPACITORS WITH IMPROVED ELECTROCHEMICAL PERFORMANCE

Authors: ZHAO HB; PAN LY; XING SY; LUO J; XU JQ

Source: J POWER SOURCES 222: 21-31 JAN 15 2013

Addresses: **Shanghai Univ**, Coll Sci, Shanghai 200444, Peoples R China.

Field: ENGINEERING

70 Citations: 16

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Authors: ZHOU J; WU QJ; XIANG L; CAI SM; LIU ZR

Source: NONLINEAR ANAL-HYBRID SYST 5 (3): 513-524 AUG 2011

Addresses: **Shanghai Univ**, Shanghai Inst Appl Math & Mech, Shanghai 200072, Peoples R China.

Shanghai Univ, Shanghai Key Lab Mech Energy Engn, Shanghai 200072, Peoples R China.

Shanghai Univ Elect Power, Dept Math & Phys, Shanghai 200090, Peoples R China.

Shanghai Univ, Sch Sci, Dept Phys, Shanghai 200444, Peoples R China.

Shanghai Univ, Inst Syst Biol, Shanghai 200444, Peoples R China.

Field: MATHEMATICS

71 Citations: 15

Title: IN SITU SUPPORTED MNOX-CEOX ON CARBON NANOTUBES FOR THE LOW-TEMPERATURE SELECTIVE CATALYTIC REDUCTION OF NO WITH NH₃

Authors: ZHANG DS; ZHANG L; SHI LY; FANG C; LI HR; GAO RH; HUANG L; ZHANG JP

Source: NANOSCALE 5 (3): 1127-1136 2013

Addresses: **Shanghai Univ**, Res Ctr Nano Sci & Technol, Shanghai 200444, Peoples R China.

Shanghai Univ, Dept Chem, Shanghai 200444, Peoples R China.

Shanghai Univ, Sch Mat Sci & Engn, Shanghai 200072, Peoples R China.

Field: PHYSICS

72 Citations: 15

Title: BIOSAFETY AND BIOAPPLICATION OF NANOMATERIALS BY DESIGNING PROTEINNANOPARTICLE INTERACTIONS

Authors: YANG ST; LIU Y; WANG YW; CAO AN

Source: SMALL 9 (9-10): 1635-1653 SP. ISS. SI MAY 27 2013

Addresses: **Shanghai Univ**, Inst Nanochem & Nanobiol, Shanghai 200444, Peoples R China.

Southwest Univ Nationalities, Coll Chem & Environm Protect Engr, Chengdu 610041, Peoples R China.

Field: MATERIALS SCIENCE

73 Citations: 14

Title: CARBON QUANTUM DOTS FOR OPTICAL BIOIMAGING

Authors: LUO PJG; SAHU S; YANG ST; SONKAR SK; WANG JP; WANG HF; LECROY GE; CAO L; SUN YP

Source: J MATER CHEM B 1 (16): 2116-2127 2013

Addresses: Clemson Univ, Dept Chem, Clemson, SC 29634 USA.

Clemson Univ, Lab Emerging Mat & Technol, Clemson, SC 29634 USA.

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Shanghai Univ, Inst Nanochem & Nanobiol, Shanghai 200444, Peoples R China.

Field: MATERIALS SCIENCE

74 Citations: 14

Title: SHORTCUTS TO ADIABATICITY

Authors: TORRONTGUI E; IBANEZ S; MARTINEZ-GARAOT S; MODUGNO M; DEL CAMPO A; GUERY-ODELIN D; RUSCHHAUPT A; CHEN X; MUGA JG

Source: ADV ATOM MOL OPT PHYS 62: 117-169 2013

Addresses: Univ Basque Country, Dept Quim Fis, Euskal Herriko Unibertsitatea, E-48080 Bilbao, Spain.

Univ Basque Country, Dept Fis Teor & Hist Ciencia, Euskal Herriko Unibertsitatea, E-48080 Bilbao, Spain.

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Natl Univ Ireland Univ Coll Cork, Dept Phys, Cork, Ireland.

Shanghai Univ, Dept Phys, Shanghai 200444, Peoples R China.

Field: PHYSICS

75 Citations: 14

Title: SPECTRAL APPROXIMATIONS TO THE FRACTIONAL INTEGRAL AND DERIVATIVE

Authors: LI CP; ZENG FH; LIU FW

Source: FRACT CALC APPL ANAL 15 (3): 383-406 SEP 2012

Addresses: **Shanghai Univ**, Dept Math, Shanghai 200444, Peoples R China.

Queensland Univ Technol, Sch Math Sci, Brisbane, Qld 4001, Australia.

Field: MATHEMATICS

76 Citations: 12

Title: NOVEL NANOSCALE TWINNED PHASES IN PEROVSKITE OXIDES

Authors: PROSANDEEV S; WANG DW; REN W; INIGUEZ J; BELLAICHE L

Source: ADV FUNCT MATER 23 (2): 234-240 JAN 14 2013

Addresses: Univ Arkansas, Dept Phys, Fayetteville, AR 72701 USA.

Univ Arkansas, Inst Nanosci & Engr, Fayetteville, AR 72701 USA.

Xi An Jiao Tong Univ, Elect Mat Res Lab, Key Lab, Minist Educ, Xian 710049, Peoples R China.

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Shanghai Univ, Dept Phys, Shanghai 200444, Peoples R China.

ICMAB CSIC, Inst Ciencia Mat Barcelona, Bellaterra 08193, Spain.

Field: MATERIALS SCIENCE

77 Citations: 12

Title: FINITE DIFFERENCE METHODS FOR FRACTIONAL DIFFERENTIAL EQUATIONS

Authors: LI CP; ZENG FH

Source: INT J BIFURCATION CHAOS 22 (4): - APR 2012

Addresses: **Shanghai Univ**, Dept Math, Shanghai 200444, Peoples R China.

Field: MATHEMATICS

- 78 Citations: 11
Title: HIGHLY DISPERSED CEO₂ ON CARBON NANOTUBES FOR SELECTIVE CATALYTIC REDUCTION OF NO WITH NH₃
Authors: FANG C; ZHANG DS; SHI LY; GAO RH; LI HR; YE LP; ZHANG JP
Source: CATAL SCI TECHNOL 3 (3): 803-811 2013
Addresses: **Shanghai Univ**, Res Ctr Nano Sci & Technol, Shanghai 200444, Peoples R China.
Shanghai Univ, Dept Chem, Shanghai 200444, Peoples R China.
Shanghai Univ, Sch Mat Sci & Engn, Shanghai 200072, Peoples R China.
Shanghai Res Inst Chem Ind, Shanghai 200062, Peoples R China.
Field: CHEMISTRY
- 79 Citations: 10
Title: GRAPHENE-WRAPPED COS NANOPARTICLES FOR HIGH-CAPACITY LITHIUM-ION STORAGE
Authors: GU Y; XU Y; WANG Y
Source: ACS APPL MATER INTERFACES 5 (3): 801-806 FEB 13 2013
Addresses: **Shanghai Univ**, Dept Chem Engn, Sch Environm & Chem Engn, Shanghai 200444, Peoples R China.
Field: MATERIALS SCIENCE
- 80 Citations: 10
Title: FINITE DIFFERENCE SCHEMES FOR VARIABLE-ORDER TIME FRACTIONAL DIFFUSION EQUATION
Authors: SUN HG; CHEN W; LI CP; CHEN YQ
Source: INT J BIFURCATION CHAOS 22 (4): - APR 2012
Addresses: Hohai Univ, Dept Engn Mech, Inst Soft Matter Mech, Nanjing 210098, Jiangsu, Peoples R China.
Hohai Univ, Coll Hydrol & Water Resources, Nanjing 210098, Jiangsu, Peoples R China.
Shanghai Univ, Dept Math, Shanghai 200444, Peoples R China.
Utah State Univ, Dept Elect & Comp Engn, CSOIS, Logan, UT 84322 USA.
Field: MATHEMATICS
- 81 Citations: 9
Title: MORPHOLOGY-DEPENDENT PROPERTIES OF MNOX/ZRO₂ CEO₂ NANOSTRUCTURES FOR THE SELECTIVE CATALYTIC REDUCTION OF NO WITH NH₃
Authors: GAO RH; ZHANG DS; MAITARAD P; SHI LY; RUNGROTMONGKOL T; LI HR; ZHANG JP; CAO WG
Source: J PHYS CHEM C 117 (20): 10502-10511 MAY 23 2013
Addresses: **Shanghai Univ**, Res Ctr Nano Sci & Technol, Shanghai 200444, Peoples R China.
Shanghai Univ, Dept Chem, Shanghai 200444, Peoples R China.
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Chulalongkorn Univ, Fac Sci, Dept Biochem, Bangkok 10330, Thailand.
Field: PHYSICS
- 82 Citations: 8
Title: THE FINITE DIFFERENCE METHODS FOR FRACTIONAL ORDINARY DIFFERENTIAL EQUATIONS
Authors: LI CP; ZENG FH
Source: NUMER FUNC ANAL OPTIMIZ 34 (2): 149-179 FEB 1 2013
Addresses: **Shanghai Univ**, Dept Math, Shanghai 200444, Peoples R China.
Field: MATHEMATICS
- 83 Citations: 7
Title: GRAPHENE WRAPPED SNCO NANOPARTICLES FOR HIGH-CAPACITY LITHIUM ION STORAGE
Authors: CHEN P; GUO L; WANG Y
Source: J POWER SOURCES 222: 526-532 JAN 15 2013
Addresses: **Shanghai Univ**, Dept Chem Engn, Sch Environm & Chem Engn, Shanghai 200444, Peoples R China.
Field: ENGINEERING
- 84 Citations: 7
Title: A REAL QUATERNION MATRIX EQUATION WITH APPLICATIONS
Authors: HE ZH; WANG QW
Source: LINEAR MULTILINEAR ALGEBRA 61 (6): 725-740 JUN 1 2013
Addresses: **Shanghai Univ**, Dept Math, Shanghai 200444, Peoples R China.
Field: MATHEMATICS
- 85 Citations: 7

Title: FRACTIONAL DYNAMICAL SYSTEM AND ITS LINEARIZATION THEOREM

Authors: LI CP; MA YT

Source: NONLINEAR DYNAMICS 71 (4): 621-633 SP. ISS. SI MAR 2013

Addresses: **Shanghai Univ**, Dept Math, Shanghai 200444, Peoples R China.

Field: ENGINEERING

86 Citations: 6

Title: PREDICTION OF METABOLIC PATHWAY USING GRAPH PROPERTY, CHEMICAL FUNCTIONAL GROUP AND CHEMICAL STRUCTURAL SET

Authors: CHEN L; ZENG WM; CAI YD; HUANG T

Source: CURR BIOINFORM 8 (2): 200-207 APR 2013

Addresses: Shanghai Maritime Univ, Coll Informat Engn, Shanghai 201306, Peoples R China.

Shanghai Univ, Inst Syst Biol, Shanghai 200444, Peoples R China.

Fudan Univ, Ctr Computat Syst Biol, Shanghai 200433, Peoples R China.

Chinese Acad Sci, Shanghai Inst Biol Sci, Key Lab Syst Biol, Shanghai 200031, Peoples R China.

Shanghai Ctr Bioinformat Technol, Shanghai 200235, Peoples R China.

Field: COMPUTER SCIENCE

87 Citations: 4

Title: ON THE HERMITIAN STRUCTURES OF THE SOLUTION TO A PAIR OF MATRIX EQUATIONS

Authors: WANG QW; ZHANG X; HE ZH

Source: LINEAR MULTILINEAR ALGEBRA 61 (1): 73-90 2013

Addresses: **Shanghai Univ**, Dept Math, Shanghai 200444, Peoples R China.

Zunyi Normal Coll, Dept Math, Zunyi 563000, Peoples R China.

Field: MATHEMATICS

88 Citations: 4

Title: NARROMI: A NOISE AND REDUNDANCY REDUCTION TECHNIQUE IMPROVES ACCURACY OF GENE REGULATORY NETWORK INFERENCE

Authors: ZHANG XJ; LIU KQ; LIU ZP; DUVAL B; RICHER JM; ZHAO XM; HAO JK; CHEN LN

Source: BIOINFORMATICS 29 (1): 106-113 JAN 2013

Addresses: Tongji Univ, Sch Elect & Informat Engn, Dept Comp Sci, Shanghai 201804, Peoples R China.

Shanghai Univ, Inst Syst Biol, Shanghai 200444, Peoples R China.

Shanghai Univ, Sch Commun & Informat Engn, Shanghai 200072, Peoples R China.

Univ Angers, LERIA, F-49045 Angers 01, France.

Chinese Acad Sci, Key Lab Syst Biol, SIBS Novo Nordisk Translat Res Ctr PreDiabet, Shanghai Inst Biol Sci, Shanghai 200031, Peoples R China.

Field: COMPUTER SCIENCE

89 Citations: 4

Title: AN EXACT PENALTY FUNCTION METHOD FOR NONLINEAR MIXED DISCRETE PROGRAMMING PROBLEMS

Authors: YU CJ; TEO KL; BAI YQ

Source: OPTIM LETT 7 (1): 23-38 JAN 2013

Addresses: **Shanghai Univ**, Shanghai, Peoples R China.

Curtin Univ Technol, Perth, WA, Australia.

Field: MATHEMATICS

90 Citations: 4

Title: TIT FOR TAT? ABUSIVE SUPERVISION AND COUNTERPRODUCTIVE WORK BEHAVIORS: THE MODERATING EFFECTS OF LOCUS OF CONTROL AND PERCEIVED MOBILITY

Authors: WEI F; SI S

Source: ASIA PAC J MANAG 30 (1): 281-296 MAR 2013

Addresses: **Shanghai Univ**, Ctr Leadership & Human Resource Management, Shanghai, Peoples R China.

Tongji Univ, Shanghai 200092, Peoples R China.

Bloomsburg Univ Penn, Bloomsburg, PA 17815 USA.

Field: ECONOMICS & BUSINESS

Field: ENGINEERING