

# 上海大学 ESI 高被引论文通告（第 3 期）

上海大学情报研究所 上海大学图书馆

二零一三年一月九日

ESI (Essential Science Indicators<sup>SM</sup>, 基本科学指标) 是基于 Web of Science (Science Citation Index Expanded 和 Social Sciences Citation Index) 权威数据建立的分析型数据库, 来自全球 11,000 多种学术期刊最近十年的分析和统计结果, 帮助科技政策制定者、科研管理人员和研究人员多视角分析全球学术成果, 跨学科透视机构学术表现。数据每两个月更新一次。其中,

- 高被引论文 (Highly Cited Papers) — 即最近 10 年间各研究领域中被引频次排名位于全球前 1% 的论文。
- 热门论文 (Hot papers) — 即最近 2 年内各研究领域中被引频次在最近 2 个月内排名位于全球前 0.1% 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   | 2013 年 1 月 7 日              | 2013 年 1 月 7 日            |
| 检索词    | Institution=Shanghai Univ   | Institution=Shanghai Univ |
| 检索结果   | 57 篇                        | 1 篇                       |
| 数据时间范围 | 2002.01.01~2012.10.31(入库时间) | 2011-2012                 |

本期数据为 2013 年 1 月 1 日更新数据, 上海大学高被引论文篇数为 57 篇, 热点论文 1 篇。与上期的 47 篇相比, 新进库论文 10 篇, 见“3 全校 ESI 高被引论文详情”的红色字体内容。

本期内容目录:

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# 1 上海大学 ESI 高被引论文概况

## 1.1 高被引论文院系所分布

| 院系所名称  | 篇数 | 第一作者             | 期刊名  | 影响因子及分区(2011)        |
|--|----|------------------|--|----------------------|
| 材料科学与工程学院 (Sch Mat Sci & Engn)   | 1  | CHOU KC          | INT J HYDROGEN ENERG                             | 4.054/Q1             |
| 材料所 (Inst Mat)   | 2  | XU JQ<br>XU JQ   | SENSOR ACTUATOR B-CHEM<br>SENSOR ACTUATOR B-CHEM | 3.898/Q1<br>3.898/Q1 |
| 分析测试中心<br>(Instrumental Anal & Res Ctr)  | 2  | XU PC<br>XIANG Q | SENSOR ACTUATOR B-CHEM<br>SENSOR ACTUATOR B-CHEM | 3.898/Q1<br>3.898/Q1 |
| 管理学院 (Sch Management)  | 1  | ZENG SX          | TECHNOVATION                                     | 3.287/Q1             |
| 环境与化学工程学院<br>(Environm & Chem Engn)  | 8  | PAN DY           | CHEM MATER                                       | 7.286/Q1             |
|  |    | BI XH            | ENVIRON POLLUT                                   | 3.746/Q1             |
|  |    | BI XH            | ENVIRON SCI TECHNOL                              | 5.228/Q1             |
|  |    | CHEN SQ          | J MATER CHEM                                     | 5.968/Q1             |
|  |    | FANG WQ          | CHEM-EUR J                                       | 5.925/Q1             |
|  |    | ZHAO B           | J POWER SOURCES                                  | 4.951/Q1             |
|  |    | ZOU YQ           | NANOSCALE  | 5.914/Q1             |
|  |    | SHU XY           | CHEM COMMUN                                      | 6.169/Q1             |
| 环境与化学工程学院/纳米化学<br>与纳米生物学研究所<br>(Inst Nanochem & Biol;<br>Inst Nanochem & Nanobiol) | 9  | GAO DM           | J AM CHEM SOC                                    | 9.907/Q1             |
|  |    | CAO AN           | ADVAN MATER                                      | 13.877/Q1            |
|  |    | PAN DY           | CHEM MATER                                       | 7.286/Q1             |
|  |    | PAN DY           | ADVAN MATER                                      | 13.877/Q1            |
|  |    | YANG ST          | J AM CHEM SOC                                    | 9.907/Q1             |
|  |    | HUANG YP         | J PHYS CHEM C                                    | 4.805/Q1             |
|  |    | CHANG YL         | TOXICOL LETT                                     | 3.230/Q1             |
|  |    | ZHAO B           | J POWER SOURCES                                  | 4.951/Q1             |
|  |    | YANG ST          | J PHYS CHEM C                                    | 4.805/Q1             |
| 环境与化学工程学院/上海射线<br>应用所 (Shanghai Appl Radiat<br>Inst)                               | 1  | PAN DY           | ADVAN MATER                                      | 13.877/Q1            |
| 理学院化学系<br>(Dept Chem)  | 14 | WEN YQ           | CHEM COMMUN                                      | 6.169/Q1             |
|  |    | ZHANG Y          | J PHYS CHEM C                                    | 4.805/Q1             |
|  |    | XU JQ            | SENSOR ACTUATOR B-CHEM                           | 3.898/Q1             |
|  |    | XU PC            | SENSOR ACTUATOR B-CHEM                           | 3.898/Q1             |
|  |    | CAO XM           | SENSOR ACTUATOR B-CHEM                           | 3.898/Q1             |
|  |    | HU LL            | PLOS ONE   | 4.092/Q1             |
|  |    | MA DW            | ANGEW CHEM INT ED                                | 13.455/Q1            |
|  |    | LOVELL JF        | NAT MATER  | 32.841/Q1            |
|  |    | WANG P           | PLOS ONE   | 4.092/Q1             |
|  |    | XIANG Q          | SENSOR ACTUATOR B-CHEM                           | 3.898/Q1             |
|  |    | HU LL            | PLOS ONE   | 4.092/Q1             |
|  |    | SHU XY           | CHEM COMMUN                                      | 6.169/Q1             |
|  |    | WAN SB           | CURR BIOINFORM                                   | 0.898/Q4             |
|  |    | LI CJ            | ORG LETT   | 5.862/Q1             |

| 院系所名称   | 篇数          | 第一作者     | 期刊名                               | 影响因子及分区(2011) |
|---|-------------|----------|-----------------------------------|---------------|
| 理学院数学系<br>(Dept Math)   | 6           | LI CP    | CHAOS SOLITON FRACTAL             | 1.222/Q2      |
|   |             | DENG WH  | NONLINEAR DYNAMICS                | 1.247/Q1      |
|   |             | LI C     | PHYS REV E                        | 2.255/Q1      |
|   |             | WANG QW  | LINEAR ALGEBRA APPL               | 0.974/Q2      |
|   |             | WANG QW  | LINEAR ALGEBRA APPL               | 0.974/Q2      |
|   |             | LI CP    | DISCRETE DYN NAT SOC              | 0.688/Q2      |
| 理学院物理系(Dept Phys)   | 2           | ZHANG Y  | J PHYS CHEM C                     | 4.805/Q1      |
|   |             | NIXON S  | PHYS REV A                        | 2.878/Q1      |
| 生命科学学院<br>(Coll Life Sci; Sch Life Sci)                                   | 3           | LI N     | PLANT CELL;                       | 8.987/Q1      |
|   |             | LI XX    | PLANT PHYSIOL                     | 6.535/Q1      |
|   |             | WAN SB   | CURR BIOINFORM                    | 0.898/Q4      |
| 特种光纤及光纤接入网重点实验室<br>(Key Lab Specialty Fiber Opt)                          | 2           | MA DC    | PROG ELECTROMAGN RES              | 5.298/Q1      |
|   |             | HU JP    | J ELECTROMAGNET WAVE APPLICATIONS | 2.965/Q1      |
| 通信与信息工程学院<br>(Sch Commun & Informat Engn)                                 | 3           | FENG GR  | IEEE TRANS NEURAL NETW            | 2.952/Q1      |
|   |             | MA DC    | PROG ELECTROMAGN RES              | 5.298/Q1      |
|   |             | LIU J    | PROG ELECTROMAGN RES              | 5.298/Q1      |
| 新型显示技术及应用集成教育部重点实验室<br>(Minist Educ, Key Lab Adv Display & Syst Applicat) | 1           | ZHANG JH | J ELECTRON PACKAGING              | 0.694/Q3      |
| 机电工程与自动化学院<br>(Sch Mechatron Engn & Automat)                              | 1           | ZHANG JH | J ELECTRON PACKAGING              | 0.694/Q3      |
| 系统生物研究所<br>(Inst Syst Biol)   | 9           | LI CG    | IEEE TRANS CIRCUIT SYST-I         | 1.970/Q1      |
|   |             | WANG Y   | BIOINFORMATICS                    | 5.468/Q1      |
|   |             | HE ZS    | PLOS ONE                          | 4.092/Q1      |
|   |             | HUANG T  | PLOS ONE                          | 4.092/Q1      |
|   |             | HU LL    | PLOS ONE                          | 4.092/Q1      |
|   |             | WANG P   | PLOS ONE                          | 4.092/Q1      |
|   |             | CHEN L   | BMC BIOINFORMATICS                | 2.751/Q1      |
|   |             | HU LL    | PLOS ONE                          | 4.092/Q1      |
|   |             | WAN SB   | CURR BIOINFORM                    | 0.898/Q4      |
| 应用数学与力学所<br>(Inst Appl Math & Mech)                                       | 6           | HE JH    | APPL MATH COMPUT                  | 1.317/Q1      |
|   |             | HE JH    | INT J NONLINEAR SCI NUMER SIM     | 1.484/Q1      |
|   |             | ZHOU J   | IEEE TRANS CIRCUIT SYST-I         | 1.970/Q1      |
|   |             | ZHOU QA  | J FLUID MECH                      | 2.459/Q1      |
|   |             | STEVENS  | PHYS REV E                        | 2.255/Q1      |
|   |             | RJAM     |                                   |               |
| ZHOU Q  | PHYS FLUIDS | 1.926/Q1 |                                   |               |

\* 按照 ESI 数据库中作者论文所署地址统计; 我校 57 篇论文中有多个学院的人员合作成果, 统计时地址出现一次做一次计数。

## 1.2 高被引论文年代分布

| 年份              | 2001 <sup>1</sup> | 2003 | 2004 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 |
|-----------------|-------------------|------|------|------|------|------|------|------|------|------|
| 论文数(篇)          | 1                 | 1    | 2    | 8    | 5    | 4    | 8    | 11   | 14   | 5    |
| 第一作者及通讯作者论文数(篇) | 1                 | 1    | 2    | 0    | 2    | 3    | 6    | 6    | 9    | 1    |

## 1.3 基金分布

| 论文获基金支持的项目名称         | 总数(篇) | 第一作者及通讯作者(篇) |
|----------------------|-------|--------------|
| 国家自然科学基金             | 24    | 13           |
| 上海教委                 | 9     | 8            |
| 上海重点学科建设项目           | 8     | 6            |
| 上海科委                 | 7     | 3            |
| 国家基础研究项目(973)        | 5     | 2            |
| 中国科技部                | 5     | 1            |
| 浦江人才                 | 3     | 2            |
| 上海自然科学基金             | 3     | 3            |
| 曙光计划                 | 2     | 1            |
| 新世纪优秀人才计划            | 2     | 1            |
| 东方学者                 | 2     | 2            |
| 国家高技术研究发展计划(863)     | 2     | 1            |
| 上海高校选拔培养优秀青年教师专项科研基金 | 1     | 1            |
| 教育部博士后基金             | 1     | 0            |
| 上海高校创新团队计划           | 1     | 0            |
| 获基金支持的论文数合计          | 35    | 18           |

注：SCIE 数据库中，文后基金支持项中所列基金出现一次做一次计数。

<sup>1</sup> 该论文进库时间为 2002 年 1 月 1 日以后。

## 1.4 高被引论文来源出版物分布

| 期刊名称                      | 影响因子及分区(2011) | 发文章数 | 期刊名称                          | 影响因子及分区(2011) | 发文章数 |
|---------------------------|---------------|------|-------------------------------|---------------|------|
| SENSOR ACTUATOR B-CHEM    | 3.898/Q1      | 6    | PLOS ONE                      | 4.092/Q1      | 5    |
| ADVAN MATER               | 13.877/Q1     | 2    | J AM CHEM SOC                 | 9.907/Q1      | 2    |
| CHEM COMMUN               | 6.169/Q1      | 3    | PROG ELECTROMAGN RES          | 5.298/Q1      | 2    |
| PHYS REV E                | 2.255/Q1      | 2    | J PHYS CHEM C                 | 4.805/Q1      | 3    |
| IEEE TRANS CIRCUIT SYST-I | 1.970/Q1      | 2    | INT J NONLINEAR SCI NUMER SIM | 1.484/Q1      | 2    |
| LINEAR ALGEBRA APPL       | 0.974/Q2      | 2    | NAT MATER                     | 32.841/Q1     | 1    |
| ANGEW CHEM INT ED         | 13.455/Q1     | 1    | PLANT CELL                    | 8.987/Q1      | 1    |
| CHEM MATER                | 7.286/Q1      | 1    | PLANT PHYSIOL                 | 6.535/Q1      | 1    |
| J MATER CHEM              | 5.968/Q1      | 1    | CHEM-EUR J                    | 5.925/Q1      | 1    |
| NANOSCALE                 | 5.914/Q1      | 1    | ORG LETT                      | 5.862/Q1      | 1    |
| BIOINFORMATICS            | 5.468/Q1      | 1    | ENVIRON SCI TECHNOL           | 5.228/Q1      | 1    |
| J POWER SOURCES           | 4.951/Q1      | 1    | INT J HYDROGEN ENERG          | 4.054/Q1      | 1    |
| ENVIRON POLLUT            | 3.746/Q1      | 1    | TECHNOVATION                  | 3.287/Q1      | 1    |
| TOXICOL LETT              | 3.230/Q1      | 1    | J ELECTROMAGNET WAVE          | 2.965/Q1      | 1    |
| IEEE TRANS NEURAL NETW    | 2.952/Q1      | 1    | PHYS REV A                    | 2.878/Q1      | 1    |
| BMC BIOINFORMATICS        | 2.751/Q1      | 1    | J FLUID MECH                  | 2.459/Q1      | 1    |
| PHYS FLUIDS               | 1.926/Q1      | 1    | APPL MATH COMPUT              | 1.317/Q1      | 1    |
| NONLINEAR DYNAMICS        | 1.247/Q1      | 1    | CHAOS SOLITON FRACTAL         | 1.222/Q2      | 1    |
| CURR BIOINFORM            | 0.898/Q4      | 1    | J ELECTRON PACKAGING          | 0.694/Q3      | 1    |
| DISCRETE DYN NAT SOC      | 0.688/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 SENSOR ACTUATOR B-CHEM 有 6 篇, PLOS ONE 有 5 篇, 只刊有 1 篇的占了总数的 48%。

## 2 全校 ESI 热点论文

1 Citations: 15

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

### 3 全校 ESI 高被引论文详情

1 Citations: 402

Title: HOMOTOPY PERTURBATION METHOD: A NEW NONLINEAR ANALYTICAL TECHNIQUE

Authors: HE JH

Source: APPL MATH COMPUT 135 (1): 73-79 FEB 15 2003

Addresses: **Shanghai Univ**, Shanghai Inst Appl Math & Mech, 149 Yanchang Rd, Shanghai 200072, Peoples R China.

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

Field: ENGINEERING

2 Citations: 176

Title: CHAOS IN CHEN'S SYSTEM WITH A FRACTIONAL ORDER

Authors: LI CP; PENG GJ

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

Addresses: Univ Pretoria, Dept Elect Elect & Comp Engr, ZA-0002 Pretoria, South Africa.

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

Field: PHYSICS

3 Citations: 141

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 Intelligent 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

4 Citations: 134

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

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

Field: MATERIALS SCIENCE

5 Citations: 123

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

6 Citations: 123

Title: POLYBROMINATED DIPHENYL ETHERS IN SOUTH CHINA MATERNAL AND FETAL BLOOD AND BREAST MILK

Authors: BI XH; QU WY; SHENG GY; ZHANG WB; MAI BX; CHEN DJ; YU L; FU JM

Source: ENVIRON POLLUT 144 (3): 1024-1030 DEC 2006

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

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

Guangzhou Second Peoples Hosp, Obstet & Gynecol Inst, Guangzhou 510150, Peoples R China.

Field: ENVIRONMENT/ECOLOGY

7 Citations: 113

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, Lancaster Environm Ctr, Ctr Chem Management, 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, Ghangzhou 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

8 Citations: 112

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

9 Citations: 100

Title: MODIFIED LINDSTED-POINCARÉ METHODS FOR SOME STRONGLY NONLINEAR OSCILLATIONS PART III: DOUBLE SERIES EXPANSION

Authors: HE JH

Source: INT J NONLINEAR SCI NUMER SIM 2 (4): 317-320 2001

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

Field: ENGINEERING

10 Citations: 95

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

Field: PLANT & ANIMAL SCIENCE

11 Citations: 90

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, Coll Chem & Mol Engn, Dept Biol Chem, 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.

Field: CHEMISTRY

12 Citations: 87

Title: STABILITY OF GENETIC NETWORKS WITH SUM REGULATORY LOGIC: LUR'E 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 Engn, 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, Indian Inst Sci, Tokyo 1538505, Japan.

Field: ENGINEERING



13 Citations: 86

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

14 Citations: 84

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

15 Citations: 84

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

Field: ENGINEERING

16 Citations: 82

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**, Dept Phys, Coll Sci, 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

17 Citations: 81

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 Engn & 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

18 Citations: 79

Title: HYDROTHERMAL SYNTHESIS AND GAS SENSING CHARACTERS OF ZNO NANORODS

Authors: XU JQ; CHEN YP; CHEN DY; SHEN JN

Source: SENSOR ACTUATOR B-CHEM 113 (1): 526-531 JAN 17 2006

Addresses: Zhengzhou Univ Light Ind, Coll Mat & Chem Engn, Zhengzhou 450002, Peoples R China.

**Shanghai Univ**, Inst Mat, Shanghai 200072, Peoples R China.  
Fudan Univ, Dept Mol Sci, Shanghai 200433, Peoples R China.  
Fudan Univ, Key Lab Mol Engr Polymers, Shanghai 200433, Peoples R China.  
Field: ENGINEERING

19 Citations: 77

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): art. no.-e9603 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: CLINICAL MEDICINE

20 Citations: 75

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

21 Citations: 73

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): art. no.-e10972 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: CLINICAL MEDICINE

22 Citations: 70

Title: SYNCHRONIZATION BETWEEN TWO COUPLED COMPLEX NETWORKS

Authors: LI C; SUN W; KURTHS J

Source: PHYS REV E 76 (4): art. no.-046204 Part 2 OCT 2007

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

Univ Potsdam, Inst Phys, D-14415 Potsdam, Germany.

Field: PHYSICS

23 Citations: 67

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, Lab Mass Spectrometry, Dept Oceanog, Xiamen 361005, Peoples R China.  
Field: PHYSICS

24 Citations: 67

Title: BIODISTRIBUTION OF PRISTINE SINGLE-WALLED CARBON NANOTUBES IN VIVO  
Authors: YANG ST; GUO W; LIN Y; DENG XY; WANG HF; SUN HF; LIU YF; WANG X; WANG W;  
CHEN M; HUANG YP; SUN YP  
Source: J PHYS CHEM C 111 (48): 17761-17764 DEC 6 2007  
Addresses: Peking Univ, Beijing Natl Lab Mol Sci, Coll Chem & Mol Engn, Dept Biol Chem, 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**, Int Nanochem & Nanobiol, Shanghai 200444, Peoples R China.  
Xiamen Univ, Dept Oceanog, Lab Mass Spectrometry, Xiamen 361005, Peoples R China.  
Field: PHYSICS

25 Citations: 56

Title: HYDROTHERMAL SYNTHESIS OF IN<sub>2</sub>O<sub>3</sub> FOR DETECTING H<sub>2</sub>S IN AIR  
Authors: XU JQ; WANG XH; SHEN JN  
Source: SENSOR ACTUATOR B-CHEM 115 (2): 642-646 JUN 26 2006  
Addresses: Zhengzhou Univ Light Ind, Coll Mat & Chem Engn, Zhengzhou 450002, Henan, Peoples R China.  
**Shanghai Univ**, Inst Mat, Shanghai 200072, Peoples R China.  
Field: ENGINEERING

26 Citations: 55

Title: A SYSTEM OF MATRIX EQUATIONS AND A LINEAR MATRIX EQUATION OVER ARBITRARY REGULAR RINGS WITH IDENTITY  
Authors: WANG QW  
Source: LINEAR ALGEBRA APPL 384: 43-54 JUN 1 2004  
Addresses: **Shanghai Univ**, Dept Math, Shanghai 200436, Peoples R China.  
Field: MATHEMATICS

27 Citations: 53

Title: STUDIES ON ALCOHOL SENSING MECHANISM OF ZNO BASED GAS SENSORS  
Authors: XU JQ; HAN JJ; ZHANG Y; SUN Y; XIE B  
Source: SENSOR ACTUATOR B-CHEM 132 (1): 334-339 MAY 28 2008  
Addresses: **Shanghai Univ**, Coll Sci, Dept Chem, Shanghai 200444, Peoples R China.  
Tongren Technol Coll, Dept Pharm, Tongren 554300, Guizhou, Peoples R China.  
Zhengzhou Univ Light Ind, Coll Mat & Chem Engn, Zhengzhou 450002, Peoples R China.  
Field: ENGINEERING

28 Citations: 52

Title: MICROWAVE-ASSISTED SYNTHESIS OF A CO<sub>3</sub>O<sub>4</sub>-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**, Sch Environm & Chem Engn, Dept Chem Engn, Shangda Rd 99, Shanghai 200444, Peoples R China.  
**Shanghai Univ**, Sch Environm & Chem Engn, Dept Chem Engn, Shanghai 200444, Peoples R China.  
Field: MATERIALS SCIENCE

29 Citations: 52

Title: HIGH ASPECT RATIO IN<sub>2</sub>O<sub>3</sub> NANOWIRES: SYNTHESIS, MECHANISM AND NO<sub>2</sub> GAS-SENSING PROPERTIES  
Authors: XU PC; CHENG ZX; PAN QY; XU JQ; XIANG Q; YU WJ; CHU YL  
Source: SENSOR ACTUATOR B-CHEM 130 (2): 802-808 MAR 28 2008  
Addresses: **Shanghai Univ**, Coll Sci, Dept Chem, Shanghai 200444, Peoples R China.  
**Shanghai Univ**, Instrumental Anal & Res Ctr, Shanghai 200444, Peoples R China.  
Field: ENGINEERING

30 Citations: 49

Title: ELECTROCHEMICAL METHODS FOR SIMULTANEOUS DETERMINATION OF DOPAMINE AND ASCORBIC ACID USING CETYLPYRIDINE BROMIDE/CHITOSAN COMPOSITE FILM-MODIFIED GLASSY

## CARBON ELECTRODE

Authors: CAO XM; LUO LQ; DING YP; ZOU XL; BIAN RX  
Source: SENSOR ACTUATOR B-CHEM 129 (2): 941-946 FEB 22 2008  
Addresses: **Shanghai Univ**, Dept Chem, Shanghai 200444, Peoples R China.  
Field: ENGINEERING

31 Citations: 40

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 NETW 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

32 Citations: 36

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

33 Citations: 32

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): art. no.-e14556 JAN 19 2011  
Addresses: **Shanghai Univ**, Inst Syst Biol, Shanghai, Peoples R China.  
**Shanghai Univ**, Dept Chem, Coll Sci, 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: CLINICAL MEDICINE

34 Citations: 32

Title: HIERARCHICAL STRUCTURES OF SINGLE-CRYSTALLINE ANATASE TiO<sub>2</sub> NANOSHEETS DOMINATED BY {001} FACETS

Authors: FANG WQ; ZHOU JZ; LIU JA; CHEN ZG; YANG C; SUN CH; QIAN GR; ZOU J; QIAO SZ; YANG HG  
Source: CHEM-EUR J 17 (5): 1423-1427 2011  
Addresses: Univ Queensland, Australian Inst Bioengn & Nanotechnol, ARC Ctr Excellence Funct Nanomat, Brisbane, Qld 4072, Australia.  
E China Univ Sci & Technol, Sch Mat Sci & Engn, Minist Educ, Key Lab Ultrafine Mat, Shanghai 200237, Peoples R China.  
**Shanghai Univ**, Coll Environm & Chem Engn, Dept Environm Engn, Shanghai 200072, Peoples R China.  
Univ Queensland, Ctr Microscopy & Microanal, Brisbane, Qld 4072, Australia.  
Univ Queensland, Australian Inst Bioengn & Nanotechnol, Ctr Computat Mol Sci, Brisbane, Qld 4072, Australia.  
Field: CHEMISTRY

35 Citations: 31

Title: MORPHOLOGY AND ELECTRICAL PROPERTIES OF CARBON COATED LiFePO<sub>4</sub> CATHODE MATERIALS

Authors: ZHAO B; JIANG Y; ZHANG HJ; TAO HH; ZHONG MY; JIAO Z  
Source: J POWER SOURCES 189 (1): 462-466 Sp. Iss. SI APR 1 2009  
Addresses: **Shanghai Univ**, Inst Nanochem & Nanobiol, Shanghai 200444, Peoples R China.  
**Shanghai Univ**, Sch Environm & Chem Engn, Shanghai 200444, Peoples R China.  
Field: ENGINEERING

36 Citations: 31

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): art. no.-041008 DEC 2009

Addresses: **Shanghai Univ**, Minist Educ, Key Lab Adv Display & Syst Applicat, 149 Yanchang Rd, Shanghai 200072, Peoples R China.

**Shanghai Univ**, Minist Educ, Key Lab Adv Display & Syst Applicat, Shanghai 200072, Peoples R China.

**Shanghai Univ**, Sch Mechatron Engr & Automat, Shanghai 200072, Peoples R China.

Field: ENGINEERING

37 Citations: 27

Title: A FACILE SYNTHESIS OF ANATASE TiO<sub>2</sub> 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

38 Citations: 27

Title: DOMINO CONDENSATION/S-ARYLATION/HETEROCYCLIZATION REACTIONS: COPPER-CATALYZED THREE-COMPONENT SYNTHESIS OF 2-N-SUBSTITUTED BENZOTHAZOLES

Authors: MA DW; LU X; SHI L; ZHANG H; JIANG YW; LIU XQ

Source: ANGEW CHEM INT ED 50 (5): 1118-1121 2011

Addresses: Chinese Acad Sci, Shanghai Inst Organ Chem, State Key Lab Bioorgan & Nat Prod Chem, 354 Fenglin Lu, Shanghai 200032, Peoples R China.

Chinese Acad Sci, Shanghai Inst Organ Chem, State Key Lab Bioorgan & Nat Prod Chem, Shanghai 200032, Peoples R China.

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

Field: CHEMISTRY

39 Citations: 26

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, ON M5G 1X8, Canada.

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

Field: MATERIALS SCIENCE

40 Citations: 26

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): art. no.-e18476 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: CLINICAL MEDICINE

41 Citations: 26

Title: Ag NANOPARTICLE EMBEDDED-ZNO NANORODS SYNTHESIZED VIA A PHOTOCHEMICAL METHOD AND ITS GAS-SENSING PROPERTIES

Authors: XIANG Q; MENG GF; ZHANG Y; XU JQ; XU PC; PAN QY; YU WJ  
Source: SENSOR ACTUATOR B-CHEM 143 (2): 635-640 JAN 7 2010  
Addresses: **Shanghai Univ**, Coll Sci, Dept Chem, 99 Shangda Rd, Shanghai 200444, Peoples R China.  
**Shanghai Univ**, Coll Sci, Dept Chem, Shanghai 200444, Peoples R China.  
**Shanghai Univ**, Instrumental Anal & Res Ctr, Shanghai 200444, Peoples R China.  
Chinese Acad Sci, Shanghai Inst Microsyst & Informat Technol, State Key Lab Transducer Technol, Shanghai 200050, Peoples R China.  
Field: ENGINEERING

42 Citations: 26

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: art. no.-293 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, Sch Med, Div Imaging Sci, 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

43 Citations: 25

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, 535 Fahuazhen Rd, Shanghai 200052, Peoples R China.  
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: 25

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 Sp. Iss. SI MAR 1 2009  
Addresses: **Shanghai Univ**, Dept Math, Shanghai 200444, Peoples R China.  
Field: MATHEMATICS

45 Citations: 24

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 Engn, Shangda Rd 99, Shanghai 200444, Peoples R China.  
**Shanghai Univ**, Sch Environm & Chem Engn, Shanghai 200444, Peoples R China.  
Field: CHEMISTRY

46 Citations: 20

Title: PREDICTION OF BODY FLUIDS WHERE PROTEINS ARE SECRETED INTO BASED ON PROTEIN INTERACTION NETWORK  
Authors: HU LL; HUANG T; CAI YD; CHOU KC  
Source: PLOS ONE 6 (7): art. no.-e22989 JUL 29 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.  
Fudan Univ, Ctr Computat Syst Biol, Shanghai 200433, Peoples R China.  
Gordon Life Sci Inst, San Diego, CA USA.  
Field: CLINICAL MEDICINE

47 Citations: 15

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 Engr, Shanghai, Peoples R China.  
**Shanghai Univ**, Key Lab Specialty Fiber Opt & Opt Access Networks, Shanghai, Peoples R China.  
Field: ENGINEERING

48 Citations: 12  
Title: PRANDTL-BLASIUS TEMPERATURE AND VELOCITY BOUNDARY-LAYER PROFILES IN TURBULENT RAYLEIGH-BENARD CONVECTION  
Authors: ZHOU QA; STEVENS RJAM; SUGIYAMA K; GROSSMANN S; LOHSE D; XIA KQ  
Source: J FLUID MECH 664: 297-312 DEC 2010  
Addresses: Chinese Univ Hong Kong, Dept Phys, Sha Tin, Hong Kong, Peoples R China.  
**Shanghai Univ**, Shanghai Inst Appl Math & Mech, Shanghai 200072, Peoples R China.  
Univ Twente, Dept Sci & Technol, JM Burgers Ctr Fluid Dynam, Phys Fluids Grp, NL-7500 AE Enschede, Netherlands.  
Univ Twente, Impact Inst, NL-7500 AE Enschede, Netherlands.  
Univ Tokyo, Sch Engr, Dept Mech Engr, Bukyo Ku, Tokyo 1138756, Japan.  
Univ Marburg, Fachbereich Phys, D-35032 Marburg, Germany.  
Field: ENGINEERING

49 Citations: 11  
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: Fudan Univ, Dept Chem, Shanghai 200433, Peoples R China.  
**Shanghai Univ**, Coll Environm & Chem Engr, Shanghai 200444, Peoples R China.  
**Shanghai Univ**, Dept Chem, Shanghai 200444, Peoples R China.  
Field: CHEMISTRY

50 Citations: 9  
Title: THERMAL BOUNDARY LAYER PROFILES IN TURBULENT RAYLEIGH-BENARD CONVECTION IN A CYLINDRICAL SAMPLE  
Authors: STEVENS RJAM; ZHOU Q; GROSSMANN S; VERZICCO R; XIA KQ; LOHSE D  
Source: PHYS REV E 85 (2): art. no.-027301 Part 2 FEB 7 2012  
Addresses: Univ Twente, Dept Sci & Technol, Phys Fluids Grp, POB 217, NL-7500 AE Enschede, Netherlands.  
Univ Twente, Dept Sci & Technol, Phys Fluids Grp, NL-7500 AE Enschede, Netherlands.  
Univ Twente, JM Burgers Ctr Fluid Dynam, NL-7500 AE Enschede, Netherlands.  
**Shanghai Univ**, Shanghai Inst Appl Math & Mech, Shanghai 200072, Peoples R China.  
Univ Marburg, Fachbereich Phys, D-35032 Marburg, Germany.  
Univ Roma Tor Vergata, Dept Mech Eng, I-00133 Rome, Italy.  
Chinese Univ Hong Kong, Dept Phys, Shatin, Hong Kong, Peoples R China.  
Field: PHYSICS

51 Citations: 9  
Title: IDENTIFICATION OF MULTIPLE SUBCELLULAR LOCATIONS FOR PROTEINS IN BUDDING YEAST  
Authors: WAN SB; HU LL; NIU S; WANG K; CAI YD; LU WC; CHOU KC  
Source: CURR BIOINFORM 6 (1): 71-80 MAR 2011  
Addresses: **Shanghai Univ**, Inst Syst Biol, Shanghai 200444, Peoples R China.  
**Shanghai Univ**, Sch Life Sci, Shanghai Key Lab Bioenergy Crops, Shanghai 200444, Peoples R China.  
**Shanghai Univ**, Coll Sci, Dept Chem, Shanghai 200444, Peoples R China.  
Chinese Acad Sci, Key Lab Syst Biol, Shanghai Inst Biol Sci, Shanghai 200031, Peoples R China.  
Gordon Life Sci Inst, San Diego, CA 92130 USA.  
Field: COMPUTER SCIENCE

52 Citations: 8  
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

53 Citations: 6

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Authors: NIXON S; GE LJ; YANG JK

Source: PHYS REV A 85 (2): art. no.-023822 FEB 21 2012

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

**Shanghai Univ**, Dept Phys, Shanghai 200041, Peoples R China.

Field: PHYSICS

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Title: HORIZONTAL STRUCTURES OF VELOCITY AND TEMPERATURE BOUNDARY LAYERS IN TWO-DIMENSIONAL NUMERICAL TURBULENT RAYLEIGH-BENARD CONVECTION

Authors: ZHOU Q; SUGIYAMA K; STEVENS RJAM; GROSSMANN S; LOHSE D; XIA KQ

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

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Univ Marburg, Fachbereich Phys, D-35032 Marburg, Germany.

Chinese Univ Hong Kong, Dept Phys, Shatin, Hong Kong, Peoples R China.

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Authors: LI CP; QIAN DL; CHEN YQ

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

Zhongyuan Univ Technol, Dept Math, Zhengzhou 450007, Peoples R China.

Utah State Univ, Dept Elect & Comp Engn, Logan, UT 84322 USA.

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Authors: HU JP; LI GH; HU HP; ZANG H

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Addresses: **Shanghai Univ**, Key Lab Specialty Fiber Opt, Shanghai 200072, Peoples R China.

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Field: ENGINEERING

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Authors: LIU J; ESSELLE KP; HAY SG; ZHONG SS

Source: PROG ELECTROMAGN RES 123: 143-158 2012

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Field: ENGINEERING