

上海大学 ESI 高被引论文通告（第 2 期）

上海大学图书馆

上海大学情报研究所

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	2012 年 9 月 3 日	2012 年 9 月 3 日
检索词	Institution= Shanghai Univ	Institution= Shanghai Univ
检索结果	47 篇	1 篇

本期数据为 2012 年 9 月 1 日更新数据, 上海大学高被引论文篇数为 47 篇, 热点论文 1 篇。与上期的 41 篇相比, 有 1 篇论文不在本次的高被引论文之列; 新进库论文 7 篇, 见“3 全校 ESI 高被引论文详情”的红色字体内容。

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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)
材料科学学院(Sch Mat Sci)	1	CHOU KC	INT J HYDROGEN ENERG	4.054/Q1
材料所(Inst Mat)	1	XU JQ	SENSOR ACTUATOR B-CHEM	3.898/Q1
分析测试中心 (Instrumental Anal & Res Ctr)	2	XU PC	SENSOR ACTUATOR B-CHEM	3.898/Q1
		XIANG Q	SENSOR ACTUATOR B-CHEM	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 (Environm & Chem Engn)	6	BI XH	ENVIRON POLLUT	3.746/Q1
		BI XH	ENVIRON SCI TECHNOL	5.228/Q1
		PAN DY	CHEM MATER	7.286/Q1
		CHEN SQ	J MATER CHEM	5.968/Q1
		FANG WQ	CHEM-EUR J	5.925/Q1
		SHU XY	CHEM COMMUN	6.169/Q1
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)	7	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
		CHANG YL	TOXICOL LETT	3.230/Q1
		YANG ST	J PHYS CHEM C	4.805/Q1
环境与化学工程学院/上海射线应用所 (Shanghai Appl Radiat Inst)	1	PAN DY	ADVAN MATER	13.877/Q1
理学院化学系 (Dept Chem)	14	ZHANG Y	J PHYS CHEM C	4.805/Q1
		WEN YQ	CHEM COMMUN	6.169/Q1
		HU LL	PLOS ONE	4.092/Q1
		XU JQ	SENSOR ACTUATOR B-CHEM	3.898/Q1
		CAO XM	SENSOR ACTUATOR B-CHEM	3.898/Q1
		XU PC	SENSOR ACTUATOR B-CHEM	3.898/Q1
		XIANG Q	SENSOR ACTUATOR B-CHEM	3.898/Q1
		MA DW	ANGEW CHEM INT ED	13.455/Q1
		LOVELL JF	NAT MATER	32.841/Q1
		WAN SB	CURR BIOINFORM	0.898/Q4
		WANG P	PLOS ONE	4.092/Q1
		HU LL	PLOS ONE	4.092/Q1
		LI CJ	ORG LETT	5.862/Q1
		SHU XY	CHEM COMMUN	6.169/Q1
理学院数学系 (Dept Math)	4	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
理学院物理系(Dept Phys)	1	ZHANG Y	J PHYS CHEM C;	4.805/Q1
生命科学学院 (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(Key Lab Specialty Fiber Opt & Opt Access Networks)	1	MA DC	PROG ELECTROMAGN RES	5.298/Q1
通信与信息工程学院(Sch Commun & Informat Engn)	2	FENG GR MA DC	IEEE TRANS NEURAL NETW LEARN 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(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(Sch Mechatron Engn & Automat)	1	ZHANG JH	J ELECTRON PACKAGING	0.694/Q3
系统生物研究所 (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
		CHEN L	BMC BIOINFORMATICS	2.751/Q1
		WANG P	PLOS ONE	4.092/Q1
		HU LL	PLOS ONE	4.092/Q1
		WAN SB	CURR BIOINFORM	0.898/Q4
应用数学与力学所 (Inst Appl Math & Mech)	5	HE JH	INT J NONLINEAR SCI NUMER SIM	1.484/Q1
		ZHOU J	IEEE TRANS CIRCUIT SYST-I	1.970/Q1
		HE JH	APPL MATH COMPUT	1.317/Q1
		HE JH	INT J NONLINEAR SCI NUMER SIM	1.484/Q1
		ZHOU QA	J FLUID MECH	2.459/Q1

*按照 ESI 数据库中作者论文所署地址统计；我校 47 篇论文中有多个学院的人员合作成果，统计时按照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	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
篇数	2	1	1	1	7	4	3	7	10	9	2

1.3 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 篇数	期刊名称	影响因子及 分区(2011)	发文 篇数
SENSOR ACTUATOR B-CHEM	3.898/Q1	5	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	2	J PHYS CHEM C	4.805/Q1	2
IEEE TRANS CIRCUIT SYST-I	1.970/Q1	2	INT J NONLINEAR SCI NUMER SIM	1.484/Q1	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	ORG LETT	5.862/Q1	1

BIOINFORMATICS	5.468/Q1	1	PROG ELECTROMAGN RES	5.298/Q1	1
ENVIRON SCI TECHNOL	5.228/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	BMC BIOINFORMATICS	2.751/Q1	1
J FLUID MECH	2.459/Q1	1	PHYS REV E	2.255/Q1	1
APPL MATH COMPUT	1.317/Q1	1	NONLINEAR DYNAMICS	1.247/Q1	1
CHAOS SOLITON FRACTAL	1.222/Q2	1	LINEAR ALGEBRA APPL	0.974/Q2	1
CURR BIOINFORM	0.898/Q4	1	J ELECTRON PACKAGING	0.694/Q3	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 5 篇, PLOS ONE 有 5 篇, 只刊有 1 篇的占了总数的 47%。

2 全校 ESI 热点论文

1 Citations: 28

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

3 全校 ESI 高被引论文详情

1 Citations: 390

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: 170

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: 125

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: 116

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

5 Citations: 110

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

6 Citations: 109

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

7 Citations: 108

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 Engr, Inst Environm Pollut & Hlth, Shanghai 200072, Peoples R China.

Field: ENVIRONMENT/ECOLOGY

8 Citations: 96

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

9 Citations: 89

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

10 Citations: 85

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

11 Citations: 84

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

12 Citations: 82

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, Indian Inst Sci, Tokyo 1538505, Japan.

Field: ENGINEERING

13 Citations: 82

Title: VARIATIONAL THEORY FOR LINEAR MAGNETO-ELECTRO-ELASTICITY

Authors: HE JH

Source: INT J NONLINEAR SCI NUMER SIM 2 (4): 309-316 2001

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

Field: ENGINEERING

14 Citations: 79

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

15 Citations: 76

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

16 Citations: 75

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 Engr, 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

17 Citations: 72

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 Engr, Shanghai 200237, Peoples R China.

Field: CHEMISTRY

18 Citations: 71

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

19 Citations: 69

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: 69

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 Engr, 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

21 Citations: 68

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

22 Citations: 65

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: 62

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

24 Citations: 62
Title: KINETICS OF ABSORPTION AND DESORPTION OF HYDROGEN IN ALLOY POWDER
Authors: CHOU KC; LI Q; LIN Q; JIANG LJ; XU KD
Source: INT J HYDROGEN ENERG 30 (3): 301-309 MAR 2005
Addresses: Univ Sci & Technol Beijing, Dept Phys Chem, Beijing 100083, Peoples R China.
Shanghai Univ, Sch Mat Sci, Shanghai 200072, Peoples R China.
Gen Res Inst NonFerrous Met, Beijing 100088, Peoples R China.
Field: ENGINEERING

25 Citations: 52
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
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Clemson Univ, Lab Emerging Mat & Technol, Clemson, SC 29634 USA.
Shanghai Univ, Inst Nanochem & Nanobiol, Shanghai 200444, Peoples R China.
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Field: PHYSICS

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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 Engr, Zhengzhou 450002, Peoples R China.
Field: ENGINEERING

27 Citations: 44
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
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Title: HIGH ASPECT RATIO IN2O3 NANOWIRES: SYNTHESIS, MECHANISM AND NO2 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.
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- 29 Citations: 41
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**, Sch Environm & Chem Engn, Dept Chem Engn, Shangda Rd 99, Shanghai 200444, Peoples R China.
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Field: MATERIALS SCIENCE
- 30 Citations: 28
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
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Addresses: **Shanghai Univ**, Inst Nanochem & Nanobiol, Shanghai 200444, Peoples R China.
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Field: PHARMACOLOGY & TOXICOLOGY
- 31 Citations: 27
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 LEARN 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
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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.
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Shanghai Univ, Sch Mechatron Engn & Automat, Shanghai 200072, Peoples R China.
Field: ENGINEERING
- 33 Citations: 25
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
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Addresses: **Shanghai Univ**, Inst Syst Biol, Shanghai, Peoples R China.
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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.

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Shanghai Univ, Coll Environm & Chem Engr, Dept Environm Engr, Shanghai 200072, Peoples R China.

Univ Queensland, Ctr Microscopy & Microanal, Brisbane, Qld 4072, Australia.

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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

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Field: COMPUTER SCIENCE

36 Citations: 23

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

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Field: ENGINEERING

37 Citations: 21

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

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Field: CHEMISTRY

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Title: RELATIONSHIP BETWEEN COOPERATION NETWORKS AND INNOVATION PERFORMANCE OF SMES

Authors: ZENG SX; XIE XM; TAM CM

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Field: ENGINEERING

39 Citations: 20

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.
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Shanghai Univ, Coll Sci, Dept Chem, Shanghai, Peoples R China.
 Univ Calif Los Angeles, Dept Human Genet, Los Angeles, CA USA.
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 Authors: WANG QW; LI CK
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 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.
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 Hosp Sick Children, Res Inst, Toronto, ON M5G 1X8, Canada.
Shanghai Univ, Dept Chem, Shanghai 200444, Peoples R China.
 Field: MATERIALS SCIENCE

42 Citations: 15
 Title: PREDICTION OF BODY FLUIDS WHERE PROTEINS ARE SECRETED INTO BASED ON PROTEIN INTERACTION NETWORK
 Authors: HU LL; HUANG T; CAI YD; CHOU KC
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 Fudan Univ, Ctr Computat Syst Biol, Shanghai 200433, Peoples R China.
 Gordon Life Sci Inst, San Diego, CA USA.
 Field: CLINICAL MEDICINE

43 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.
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 Gordon Life Sci Inst, San Diego, CA 92130 USA.
 Field: COMPUTER SCIENCE

44 Citations: 7
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 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.

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45 Citations: 7

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

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Univ Tokyo, Sch Engr, Dept Mech Engr, Bukyo Ku, Tokyo 1138756, Japan.

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

Field: ENGINEERING

46 Citations: 4

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.

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47 Citations: 4

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

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