

上海大学 ESI 高被引论文通告（第 4 期）

上海大学情报研究所 上海大学图书馆

二零一三年四月十五日

ESI(Essential Science IndicatorsSM, 基本科学指标)是基于 Web of Science (Science Citation Index Expanded 和 Social Sciences Citation Index) 数据建立的分析型数据库, 能够为科技政策制定者、科研管理人员、信息分析专家和研究人員提供多角度的学术成果分析。数据每两个月更新一次。

高被引论文 (Highly Cited Papers): 按照 22 个学科分类, 最近 10 年间各学科类别中被引频次排名位于全球前 1% 的论文。

本期信息来源如下:

检索数据库	ESI 数据库 Highly Cited Papers
检索时间	2013 年 3 月 1 日
检索词	Institution= Shanghai Univ
检索结果	66 篇

本期数据更新日期为 2013 年 3 月 1 日。上海大学高被引论文篇数为 66 篇。与上期相比, 新增高被引论文 10 篇, 见“2 全校 ESI 高被引论文详情”的红色字体内容。与 2012 年 3 月 1 日更新数据相比, 高被引论文数增加了 21 篇。

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1 上海大学 ESI 高被引论文概况

1.1 发表年代分布

年份	2001	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
篇数	1	1	2	1	8	5	4	8	13	16	10
第一作者及通讯作者(篇)	1	1	2	1	0	2	3	6	7	11	3

注：ESI 按入库时间统计论文，2001 年的 1 篇论文进库时间为 2002 年 1 月 1 日以后，因而收录在内。

1.2 资助基金分布

项目名称	总数（项）	第一作者及通讯作者（项）
国家自然科学基金	30	18
上海教委	10	9
上海重点学科建设项目	13	10
上海科委	7	3
国家基础研究项目(973)	7	3
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
启明星项目	1	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	2
教育部博士后基金	1	1
上海高校创新团队计划	1	0
上海大学创新项目	2	2

注：单篇论文有多个基金资助的情况，上表按基金资助项中所列基金出现一次计数一次

1.3 院系所分布

按照 ESI 数据库中作者论文所署地址统计。对于 66 篇论文中多学院合作的成果，在统计时按地址出现一次做一次计数，以反映各院系高被引论文情况。

院系所名称	篇数	第一作者	期刊名	影响因子及分区(2011)
环境与化学工程学院/纳米化学与纳米生物研究所 (Inst Nanochem & Biol; Inst Nanochem & Nanobiol)	10	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
		Pan DY	J MATER CHEM	5.968/Q1
环境与化学工程学院 (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/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)	17	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
		Wang HK	J MATER CHEM	5.968/Q1
		Peng Z	J MATER CHEM	5.968/Q1
		Li CJ	ORG BIOMOL CHEM	3.696/Q1
系统生物研究所 (Inst Syst Biol)	10	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	2.751/Q1
		CHEN L	BMC BIOINFORMATICS	4.092/Q1
		HU LL	PLOS ONE	0.898/Q4
		WAN SB	CURR BIOINFORM	
		Zhou J	NONLINEAR ANALYSIS-HYBRID SYSTEMS	

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 (Dept Math)	9	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
		Wu ZY	COMMUN NONLINEAR SCI	2.806/Q1
		Li CP	COMPUT MATH APPL	1.747/Q1
		Deng WH	PHYSICA A	1.373/Q2
应用数学与力学所 (Inst Appl Math & Mech)	7	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		
		HE JH	INT J NONLINEAR SCI NUMER SIM	1.484/Q1
Zhou J	NONLINEAR ANALYSIS-HYBRID SYSTEMS			
理学院物理系 (Dept Phys)	5	ZHANG Y	J PHYS CHEM C	4.805/Q1
		NIXON S	PHYS REV A	2.878/Q1
		Zhou J	NONLINEAR ANALYSIS-HYBRID SYSTEMS	
		Chen X	PHYS REV LETT	7.370/Q1
		Zhang CF	CARBON	5.378/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
通信与信息工程学院 (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
材料所(Inst Mat)	2	XU JQ	SENSOR ACTUATOR B-CHEM	3.898/Q1
		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
特种光纤及光纤接入网重点实 验室(Key Lab Specialty Fiber Opt)	2	MA DC	PROG ELECTROMAGN RES	5.298/Q1
		HU JP	J ELECTROMAGNET WAVE APPLICATIONS	2.965/ Q1
材料科学与工程学院(Sch Mat Sci & Engn)	1	CHOU KC	INT J HYDROGEN ENERG	4.054/Q1
管理学院(Sch Management)	1	ZENG SX	TECHNOVATION	3.287/Q1
机电工程与自动化学院(Sch Mechatronics Engn & Automat)	1	ZHANG JH	J ELECTRON PACKAGING	0.694/Q3
纳米科学技术研究中心(Res Ctr Nano Sci & Technol)	1	Peng Z	J MATER CHEM	5.968/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
力学能源工程重点实验室 (Shanghai Key Lab Mech Energy Engn)	1	Zhou J	NONLINEAR ANALYSIS-HYBRID SYSTEMS	--

1.4 第一及通讯作者院系所

66 篇 ESI 高被引论文中，第一作者所署单位为上海大学的论文有 40 篇，通讯作者单位为上海大学的论文有 36 篇，两者合计共 42 篇，下表为第一作者单位地址统计结果。

院系所名称	第一作者/ 通信作者	出版 年	来源出版物	期刊影响 因子及分 区(2011)
Dept Chem	Xiang Q	2010	SENSORS AND ACTUATORS B-CHEMICAL	3.898/Q1
	Li CJ	2012	ORGANIC LETTERS	5.862/Q1
	Zhang Y	2009	JOURNAL OF PHYSICAL CHEMISTRY C	4.805/Q1
	Xu JQ	2008	SENSORS AND ACTUATORS B-CHEMICAL	3.898/Q1
	Xu PC	2008	SENSORS AND ACTUATORS B-CHEMICAL	3.898/Q1
	Cao XM	2008	SENSORS AND ACTUATORS B-CHEMICAL	3.898/Q1
	Peng Z	2012	JOURNAL OF MATERIALS CHEMISTRY	5.968/Q1
Dept Math	Li CJ	2010	ORGANIC & BIOMOLECULAR CHEMISTRY	3.696/Q1
	Li CP	2011	DISCRETE DYNAMICS IN NATURE AND SOCIETY	0.688/Q2
	Wang QW	2009	LINEAR ALGEBRA AND ITS APPLICATIONS	0.974/Q2
	Li C	2007	PHYSICAL REVIEW E	2.255/Q1
	Deng WH	2007	NONLINEAR DYNAMICS	1.247/Q1
	Li CP	2004	CHAOS SOLITONS & FRACTALS	1.222/Q2
	Wang QW	2004	LINEAR ALGEBRA AND ITS APPLICATIONS	0.974/Q2
Dept Phys	Li CP	2011	COMPUTERS & MATHEMATICS WITH APPLICATIONS	1.747/Q1
	Deng WH	2005	PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS	2.878./Q1
Dept Phys	Chen X	2012	PHYSICAL REVIEW LETTERS	7.370/Q1
Inst Appl Math & MECh	Zhou J	2006	IEEE TRANSACTIONS ON CIRCUITS AND SYSTEMS I-REGULAR PAPERS	1.970/Q1
	Zhou Q	2011	PHYSICS OF FLUIDS	1.926/Q1
	He JH	2002	APPLIED MATHEMATICS AND COMPUTATION	1.317/Q1
	He JH	2001	INTERNATIONAL JOURNAL OF NONLINEAR SCIENCES AND NUMERICAL SIMULATION	1.484/Q1
	Zhou J	2011	NONLINEAR ANALYSIS-HYBRID SYSTEMS	
	Zhou Q	2010	JOURNAL OF FLUID MECHANICS	2.459/Q1
Inst Mat	Xu JQ	2006	SENSORS AND ACTUATORS B-CHEMICAL	3.898/Q1

院系所名称	第一作者/ 通信作者	出版 年	来源出版物	期刊影响 因子及分 区(2011)
Inst Nanochem & Nanobiol	Chang YL	2011	TOXICOLOGY LETTERS	3.230/Q1
	Pan DY	2010	ADVANCED MATERIALS	13.877/Q1
	Cao AN	2010	ADVANCED MATERIALS	13.877/Q1
	Pan DY	2009	CHEMISTRY OF MATERIALS	7.286/Q1
	Zhao B	2009	JOURNAL OF POWER SOURCES	4.951/Q1
	Pan DY	2012	JOURNAL OF MATERIALS CHEMISTRY	5.968/Q1
Sch Environm & Chem Engn; Coll Environm & Chem Engn	Zou YQ	2011	NANOSCALE	5.914/Q1
	Chen SQ	2010	JOURNAL OF MATERIALS CHEMISTRY	5.968/Q1
	Shu XY	2012	CHEMICAL COMMUNICATIONS	6.169/Q1
Inst Syst Biol	Hu LL	2011	PLOS ONE	4.092/Q1
	Hu LL	2011	PLOS ONE	4.092/Q1
	Chen L	2010	BMC BIOINFORMATICS	2.751/Q1
Key Lab Adv Display & Syst Applicat	Zhang JH	2009	JOURNAL OF ELECTRONIC PACKAGING	0.694/Q3
Key Lab Specialty Fiber Opt	Hu JP	2011	JOURNAL OF ELECTROMAGNETIC WAVES AND APPLICATIONS	2.965/ Q1
Sch Commun & Informat Engn	Ma DC	2011	PROGRESS IN ELECTROMAGNETICS RESEARCH-PIER	5.298/Q1
	Feng GR	2009	IEEE TRANSACTIONS ON NEURAL NETWORKS	2.952/ Q1
Sch Life Sci	Wan SB	2011	CURRENT BIOINFORMATICS	0.898/Q4
Sch Mat Sci & Engn	Yang WG	2011	CHEMICAL COMMUNICATIONS	6.169/Q1

1.5 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	6	PLOS ONE	4.092/Q1	5
J MATER CHEM	5.968/Q1	4	J AM CHEM SOC	9.907/Q1	2
CHEM COMMUN	6.169/Q1	3	J PHYS CHEM C	4.805/Q1	3
ADVAN MATER	13.877/Q1	2	PROG ELECTROMAGN RES	5.298/Q1	2
PHYS REV E	2.255/Q1	2	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
ORG BIOMOL CHEM	3.696/Q1	1	COMMUN NONLINEAR SCI	2.806/Q1	1
PLANT CELL	8.987/Q1	1	PHYS REV LETT	7.370/Q1	1
CHEM MATER	7.286/Q1	1	PLANT PHYSIOL	6.535/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
CARBON	5.378/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	COMPUT MATH APPL	1.747/Q1	1
PHYSICA A	1.373/Q2	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 50%。

2 上海大学 ESI 高被引论文详情

1 Citations: 410

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: 182

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: 151

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: 145

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: 137

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: 131

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

7 Citations: 125

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, Ghangzhou 510640, Peoples R China.

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

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

Field: ENVIRONMENT/ECOLOGY

8 Citations: 115

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

9 Citations: 112

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

10 Citations: 101

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

11 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

12 Citations: 96

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

13 Citations: 90

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

14 Citations: 90
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

15 Citations: 89
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

16 Citations: 88
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

17 Citations: 87
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

18 Citations: 86
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: 84

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: 80

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

21 Citations: 80

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: 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 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

23 Citations: 77

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: 72

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

25 Citations: 58

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

26 Citations: 58

Title: HYDROTHERMAL SYNTHESIS OF IN₂O₃ FOR DETECTING H₂S 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

27 Citations: 57

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.
Shanghai Univ, Sch Environm & Chem Engn, Dept Chem Engn, Shanghai 200444, Peoples R China.
Field: MATERIALS SCIENCE

28 Citations: 56

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

29 Citations: 55

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: CHEMISTRY

30 Citations: 52

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.
Field: ENGINEERING

31 Citations: 50

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

32 Citations: 45

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 Engr, Beijing 100871, Peoples R China.

Field: PHARMACOLOGY & TOXICOLOGY

33 Citations: 43

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): art. no.-063002 FEB 12 2010

Addresses: UPV EHU, Dept Quim Fis, Apartado 644, Bilbao 48080, Spain.

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Univ Toulouse 3, CNRS, IRSAMC, Lab Collis Agregats React, UMR 5589, F-31062 Toulouse, France.

Field: PHYSICS

34 Citations: 42

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 Engr, Shanghai 200072, Peoples R China.

Nanyang Technol Univ, Sch Elect & Elect Engr, Singapore 639798, Singapore.

Field: ENGINEERING

35 Citations: 38

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

36 Citations: 37

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

37 Citations: 37

Title: HIERARCHICAL STRUCTURES OF SINGLE-CRYSTALLINE ANATASE TiO₂ 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 & Engr, Minist Educ, Key Lab Ultrafine Mat, Shanghai 200237, Peoples R China.

Shanghai Univ, Coll Environm & Chem Engr, Dept Environm Engr, 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

38 Citations: 37

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

39 Citations: 36

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

40 Citations: 33

Title: MORPHOLOGY AND ELECTRICAL PROPERTIES OF CARBON COATED LiFePO₄ 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 Engr, Shanghai 200444, Peoples R China.

Field: ENGINEERING

41 Citations: 33

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**, Sch Environm & Chem Engr, Inst Environm Pollut & Hlth, 333 Nanchen Rd, Shanghai 200444, Peoples R China.

Shanghai Univ, Sch Environm & Chem Engr, Inst Environm Pollut & Hlth, Shanghai 200444, Peoples R China.

Chinese Acad Sci, Guangzhou Inst Geochem, Guangzhou 510640, Guangdong, Peoples R China.

Field: ENGINEERING

42 Citations: 32

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

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

43 Citations: 30

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

44 Citations: 28

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

45 Citations: 27

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; 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

46 Citations: 27

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

47 Citations: 27

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

48 Citations: 27

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

49 Citations: 24

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

50 Citations: 21

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 Engn, Shanghai 200444, Peoples R China.

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

Field: CHEMISTRY

51 Citations: 19

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

52 Citations: 14

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.

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

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

Field: ENGINEERING

53 Citations: 13

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

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Authors: LI CP; ZHAO ZG; CHEN YQ
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Authors: STEVENS RJAM; ZHOU Q; GROSSMANN S; VERZICCO R; XIA KQ; LOHSE D
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Univ Roma Tor Vergata, Dept Mech Eng, I-00133 Rome, Italy.
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Authors: WU ZY; FU XC
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Authors: LIU J; ESSELLE KP; HAY SG; ZHONG SS
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Addresses: Macquarie Univ, Ctr Microwave & Wireless Applicat Elect Engr, Sydney, NSW 2109, Australia.

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

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