

上海大学 ESI 高被引论文通告（第 6 期）

上海大学情报研究所 上海大学图书馆

二零一四年九月二十三日

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

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

本期信息来源说明如下：

检索数据库	ESI 数据库 Highly Cited Papers	ESI 数据库 Hot Papers
检索时间	2014 年 9 月 24 日	2014 年 9 月 24 日
检索词	Institution=Shanghai Univ	Institution=Shanghai Univ
检索结果	88 篇	1 篇

根据 ESI 数据库 2014 年 9 月 1 日更新数据，上海大学高被引论文篇数为 88 篇。与 2014 年 5 月 1 日更新数据相比，新进库论文 16 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 发表年份分布

年份	2004	2005	2006	2007	2009	2010	2011	2012	2013	2014
篇数	3	2	5	5	10	13	13	14	18	5
第一作者(篇)	2	2	0	3	8	7	8	11	13	2
通讯作者(篇)	2	2	0	3	8	8	8	9	14	1
第一作者及通讯作者合计(篇)	2	2	0	3	8	8	8	11	14	2

注：上表的年份指论文发表年份。

1.2 院系所分布

按照 ESI 数据库中第一作者和通讯作者论文所署地址统计。只要第一作者和通讯作者中至少有一个是上海大学的均列入下表。第一作者或通讯作者论文所署地址标有 2 个以上上海大学单位的做重复计数列入表格。“第一作者”一列中空白表示第一作者所署地址不是上海大学，“通讯作者”一列中空白表示通讯作者所署地址不是上海大学。

院系所名称	篇数	出版年	第一作者	通讯作者	期刊名	影响因子及分区(当年)
环境与化学工程学院/ 纳米化学与纳米生物学研究所 (Inst Nanochem & Biol; Inst Nanochem & Nanobiol)	9	2009	Pan DY	Pan DY	CHEM MATER	5.368/Q1
		2010	Pan DY	Pan DY	ADV MATER	10.880/Q1
		2010	Pan DY	Pan DY	CHEM COMMUN	5.787 /Q1
		2012	Pan DY	Pan DY	J MATER CHEM	6.108 /Q1
		2010	Yang ST	Wang HF	J COLLOID INTERF SCI	3.068 /Q2
		2011	Yang ST	Wang HF	J COLLOID INTERF SCI	3.070 /Q2
		2013	Yang ST	Cao AN	SMALL	7.514 /Q1
		2010	Cao AN	Cao AN	ADV MATER	10.880 /Q1
环境与化学工程学院 (Environm & Chem Engn)	10	2011	Chang YL	Cao AN	TOXICOL LETT	3.230 /Q1
		2012	Shu XY		CHEM COMMUN	6.378 /Q1
		2011	Zou YQ	Wang Y	NANOSCALE	5.914 /Q1
		2011	Zou YQ	Wang Y	ACS NANO	11.421 /Q1
		2011	Liu RL	Liu RL	J AM CHEM SOC	9.907 /Q1
		2012	Zhao B	Jiang Y	J POWER SOURCES	4.675 /Q1
		2013	Liu JY	Liu JY	CHEM ENG J	4.058 /Q1
		2010	Chen SQ	Wang Y	J MATER CHEM	5.101 /Q1
		2012	Chen SQ		J POWER SOURCES	4.675 /Q1
		2013	Chen P	Wang Y	J POWER SOURCES	5.211 /Q1
环境与化学工程学院/ 环境污染与健康研究所(Inst Environm Pollut & Hlth)	1	2009	Jiang YF	Wang XT	J HAZARD MATER	4.144 //Q1
理学院化学系 (Dept Chem)	8	2013	Zhao HB	Xu JQ	J POWER SOURCES	5.211 /Q1
		2010	Li CJ	Li CJ	ORG BIOMOL CHEM	3.451 /Q1
		2010	Li CJ	Li CJ	CHEM COMMUN	5.787 /Q1
		2012	Li CJ	Li CJ	ORG LETT	6.142 /Q1
		2013	Li CJ	Li CJ	CHEM COMMUN	6.718 /Q1
		2013	Wang XY	Jia XS	POLYM CHEM-UK	5.368 /Q1
		2009	Zhang Y	Xu JQ	J PHYS CHEM C	4.224 /Q1

		2012	Du XJ	Zhang DS	J PHYS CHEM C	4.814/Q1
系统生物研究所 (Inst Syst Biol)	5	2011	Hu LL	Hu LL	PLOS ONE	4.092 /Q1
		2012	Liu XP	Zhao XM	J AM MED INFORM ASSN	3.571 /Q1
		2013	Tu YS	Tu YS	NAT NANOTECHNOL	33.265 /Q1
		2010		Cai YD	BMC BIOINFORMATICS	3.029/Q1
		2013		Cai YD	CURR BIOINFORM	1.726/Q2
理学院数学系 (Dept Math)	16	2004	Wang QW	Wang QW	LINEAR ALGEBRA APPL	--
		2005	Wang QW	Wang QW	COMPUT MATH APPL	--
		2009	Wang QW	Wang QW	LINEAR ALGEBRA APPL	1.073 /Q2
		2009	Wang QW	Wang QW	LINEAR ALGEBRA APPL	1.073 /Q2
		2013	He ZH	Wang QW	LINEAR MULTILINEAR A	0.700/Q2
		2004	Li CP	Li CP	CHAOS SOLITON FRACT	--
		2007	Li CP	Li CP	APPL MATH COMPUT	--
		2009	Li CP	Li CP	COMPUT MATH APPL	1.192 /Q2
		2011	Li CP	Li CP	COMPUT MATH APPL	1.747 /Q1
		2012	Li CP	Li CP	INT J BIFURCAT CHAOS	0.921 /Q2
		2012	Li CP	Li CP	FRACT CALC APPL ANAL	--
		2013	Li CP	Li CP	NONLINEAR DYNAM	2.419 /Q1
		2013	Li CP	Li CP	NUMER FUNC ANAL OPT	0.542 /Q4
		2005	Deng WH	Li CP	PHYSICA A	--
2007	Deng WH	Li CP	NONLINEAR DYNAM	--		
2007	Deng WH	Deng WH	J COMPUT APPL MATH	--		
应用数学与力学所 (Inst Appl Math & Mech)	1	2012	Sun XJ	Huang DG	ENERGY	3.651 /Q1
通信与信息工程学院 (Sch Commun & Informat Engn)	2	2009	Feng GR	Feng GR	IEEE T NEURAL NETWOR	2.889/Q1
		2011	Ma DC	Ma DC	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)	2	2009	Zhang JH	Zhang JH	J ELECTRON PACKAGING	0.781 /Q2
		2013	Shen LQ	Shen LQ	IEEE T MULTIMEDIA	1.776/Q1
纳米中心(Res Ctr Nano Sci & Technol)	4	2012	Du XJ	Zhang DS	J PHYS CHEM C	4.814/Q1
		2012	Zhang DS	Zhang DS	DALTON T	3.806/Q1
		2013	Zhang DS	Zhang DS	NANOSCALE	6.739/Q1
		2014	Wei ZW	Sun LN	BIOMATERIALS	8.312/Q1
材料科学与工程学院(Sch Mat Sci & Engn)	1	2014	Liu P	GAO YL	J ALLOY COMPD	2.726/Q1
机电工程与自动化学院 (Sch Mech Engn & Automat)	1	2013	Peng C	Peng C	AUTOMATICA	3.132/Q1

注：上表的影响因子及分区为论文发表当年数据，2014年发表的论文的影响因子及分区为2013年数据。

1.3 来源出版物分布

期刊名称	影响因子及 分区(2013)	发文篇数	期刊名称	影响因子及 分区(2013)	发文篇数
CHEM COMMUN	6.718/Q1	6	ENERGY	4.159/Q1	1
COMPUT MATH APPL	1.996/Q1	3	ENG ANAL BOUND ELEM	1.437/Q1	1
J POWER SOURCES	5.211/Q1	4	ENVIRON SCI TECHNOL	5.481/Q1	1
J AM CHEM SOC	11.444/Q1	4	FRACT CALC APPL ANAL	2.974/Q1	1
PLOS ONE	3.534/Q1	4	IEEE T MULTIMEDIA	1.776/Q1	1
J PHYS CHEM C	4.835/Q1	3	IEEE T NEURAL NETWORK	--	1
LINEAR ALGEBRA APPL	0.983/Q2	3	J ALLOY COMPD	2.726/Q1	1
ACS NANO	12.033/Q1	2	J COMPUT APPL MATH	1.077/Q2	1
ADV MATER	15.409/Q1	2	J ELECTRON PACKAGING	0.645/Q3	1
BIOINFORMATICS	4.621/Q1	2	J HAZARD MATER	4.331/Q1	1
IEEE T CIRCUITS-I	2.303/Q1	2	J MATER CHEM B	--	1
INT J BIFURCAT CHAOS	1.017/Q2	2	J AM MED INFORM ASSN	3.932/Q1	1
J COLLOID INTERF SCI	3.552/Q2	2	LINEAR MULTILINEAR A	0.700/Q2	1
J MATER CHEM	6.626/Q1	2	NAT MATER	36.425/Q1	1
NANOSCALE	6.739/Q1	2	NAT NANOTECHNOL	33.265/Q1	1
NONLINEAR DYNAM	2.419/Q1	2	NUMER FUNC ANAL OPT	0.542/Q4	1
APPL MATH COMPUT	1.600/Q1	1	ORG BIOMOL CHEM	3.487/Q1	1
ADV FUNCT MATER	10.439/Q1	1	ORG LETT	6.324/Q1	1
ADV ATOM MOL OPT PHY	3.400/Q1	1	PART PART SYST CHAR	0.537/Q4	1
APPL CLAY SCI	2.703/Q1	1	PHYSICA A	1.722/Q2	1
AUTOMATICA	3.132/Q1	1	PHYS REV A	2.991/Q1	1
BIOMATERIALS	8.312/Q1	1	PHYS REV LETT	7.728/Q1	1
BMC BIOINFORMATICS	2.672/Q1	1	PLANT CELL	9.575/Q1	1
CARBON	6.160/Q1	1	PLANT PHYSIOL	7.394/Q1	1
CHAOS SOLITON FRACT	1.503/Q2	1	POLYM CHEM-UK	5.368/Q1	1
CHEM ENG J	4.058/Q1	1	PROG ELECTROMAGN RES	--	1
CHEM MATER	8.535/Q1	1	SMALL	7.514/Q1	1
COMPUT METHOD APPL M	2.626/Q1	1	TECHNOVATION	2.704/Q1	1
CURR BIOINFORM	1.726/Q2	1	TOXICOL LETT	3.355/Q1	1
DALTON T	4.097/Q1	1			

注：上表的影响因子及分区为 2013 年数据。

上表中列出的是我校所有 ESI 高被引论文的来源出版物。其中最多的是 CHEM COMMUN，有 6 篇，只刊有 1 篇的占了超过总数的 70%。

2 全校 ESI 热点论文

1 Citations: 18

Title: MICROWAVE HYDROTHERMAL SYNTHESIS OF HIGH PERFORMANCE TIN-GRAPHENE NANOCOMPOSITES FOR LITHIUM ION BATTERIES

Authors: CHEN SQ; WANG Y; AHN H; WANG GX

Source: J POWER SOURCES 216: 22-27 OCT 15 2012

Addresses: Univ Technol Sydney, Sch Chem & Forens Sci, Ctr Clean Energy Technol, Sydney, NSW 2007, Australia.

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

Gyeongsang Natl Univ, Sch Mat Sci & Engn, Jinju 660701, Gyeongnam, South Korea.

Field: ENGINEERING

3 全校 ESI 高被引论文详情 (红色字体内容为新进库论文)

1 Citations: 360

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

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

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

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

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

Field: MATERIALS SCIENCE

2 Citations: 268

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 Engn, Shanghai 201800, Peoples R China.

Field: MATERIALS SCIENCE

3 Citations: 257

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 Engn, Beijing 100871, Peoples R China.

Field: MATERIALS SCIENCE

4 Citations: 237

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

5 Citations: 236

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

6 Citations: 226

Title: CHAOS IN CHENS SYSTEM WITH A FRACTIONAL ORDER

Authors: LI CP; PENG GJ

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

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

Field: PHYSICS

7 Citations: 170

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

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

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

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

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

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

Field: CHEMISTRY

8 Citations: 168

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

9 Citations: 155

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 Engn, 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

10 Citations: 153

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

11 Citations: 152

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

12 Citations: 148

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, Guangzhou 510640, Peoples R China.

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

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

Field: ENVIRONMENT/ECOLOGY

13 Citations: 137

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

14 Citations: 135

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

Authors: CHEN GR; ZHOU J; LIU ZR

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

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

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

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

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

Field: MATHEMATICS

15 Citations: 134

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

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

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

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

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

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

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

SJTUSM, Shanghai, Peoples R China.

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

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

Gordon Life Sci Inst, San Diego, CA USA.

Field: BIOLOGY & BIOCHEMISTRY

16 Citations: 126

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

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

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

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

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

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

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

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

Penn State Univ, Dept Biol, University Pk, PA 16802 USA.

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

Field: PLANT & ANIMAL SCIENCE

17 Citations: 124

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

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

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

Addresses: **Shanghai Univ**, Dept Chem, Shanghai 200444, Peoples R China.
Chinese Acad Sci, Inst Chem, CAS Key Lab Mol Recognit & Funct, Beijing Natl Lab Mol Sci, Beijing 100190, Peoples R China.
Chinese Acad Sci, Shanghai Inst Organ Chem, Key Lab Synthet Chem Nat Subst, Shanghai 200032, Peoples R China.

Field: BIOLOGY & BIOCHEMISTRY

18 Citations: 118

Title: SELF-ASSEMBLY OF [2]PSEUDOROTAXANES BASED ON PILLAR[5]ARENE AND BIS(IMIDAZOLIUM) CATIONS

Authors: LI CJ; ZHAO L; LI JA; DING X; CHEN SH; ZHANG QL; YU YH; JIA XS

Source: CHEM COMMUN 46 (47): 9016-9018 2010

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

E China Normal Univ, Shanghai Key Lab Magnet Resonance, Dept Phys, Shanghai 200062, Peoples R China.

Field: CHEMISTRY

19 Citations: 115

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

20 Citations: 115

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 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, Inst Ind Sci, Tokyo 1538505, Japan.

Field: ENGINEERING

21 Citations: 114

Title: OBSERVATION OF PH-, SOLVENT-, SPIN-, AND EXCITATION-DEPENDENT BLUE PHOTOLUMINESCENCE FROM CARBON NANOPARTICLES

Authors: PAN DY; ZHANG JC; LI Z; WU C; YAN XM; WU MH

Source: CHEM COMMUN 46 (21): 3681-3683 2010

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

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

Field: CHEMISTRY

22 Citations: 114

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

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

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

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

Shanghai Ctr Bioinformat Technol, Shanghai, Peoples R China.

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

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

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

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

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

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

Gordon Life Sci Inst, San Diego, CA USA.
Field: BIOLOGY & BIOCHEMISTRY

23 Citations: 114

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

24 Citations: 111

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

25 Citations: 106

Title: PORPHYRINE 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

26 Citations: 105

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

Field: MATERIALS SCIENCE

27 Citations: 100

Title: IRIIDIUM(III) COMPLEX-COATED NANOSYSTEM FOR RATIO-METRIC UPCONVERSION LUMINESCENCE BIOIMAGING OF CYANIDE ANIONS

Authors: LIU JL; LIU Y; LIU Q; LI CY; SUN LN; LI FY

Source: J AM CHEM SOC 133 (39): 15276-15279 OCT 5 2011

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

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

Field: CHEMISTRY

28 Citations: 98

Title: FOLDING/AGGREGATION OF GRAPHENE OXIDE AND ITS APPLICATION IN CU²⁺ REMOVAL

Authors: YANG ST; CHANG YL; WANG HF; LIU GB; CHEN S; WANG YW; LIU YF; CAO AN

Source: J COLLOID INTERFACE SCI 351 (1): 122-127 NOV 1 2010

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

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

Field: CHEMISTRY

- 29 Citations: 97
Title: NIO NANOSHEETS GROWN ON GRAPHENE NANOSHEETS AS SUPERIOR ANODE MATERIALS FOR LI-ION BATTERIES
Authors: ZOU YQ; WANG Y
Source: NANOSCALE 3 (6): 2615-2620 2011
Addresses: **Shanghai Univ**, Sch Environm & Chem Engr, Shanghai 200444, Peoples R China.
Field: PHYSICS
- 30 Citations: 96
Title: BOTTOM-UP FABRICATION OF PHOTOLUMINESCENT GRAPHENE QUANTUM DOTS WITH UNIFORM MORPHOLOGY
Authors: LIU RL; WU DQ; FENG XL; MULLEN K
Source: J AM CHEM SOC 133 (39): 15221-15223 OCT 5 2011
Addresses: Max Planck Inst Polymer Res, D-55128 Mainz, Germany.
Shanghai Univ, Sch Environm & Chem Engr, Shanghai 200444, Peoples R China.
Field: CHEMISTRY
- 31 Citations: 91
Title: SIMULATION STUDY ON THE INFLUENCES OF THE BONDING PARAMETERS ON THE WARPAGE OF CHIP-ON-GLASS MODULE WITH NONCONDUCTIVE FILM
Authors: ZHANG JH; YUAN F; ZHANG JS
Source: J ELECTRON PACKAGING 131 (4): - DEC 2009
Addresses: **Shanghai Univ**, 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
- 32 Citations: 82
Title: FAST OPTIMAL FRICTIONLESS ATOM COOLING IN HARMONIC TRAPS: SHORTCUT TO ADIABATICITY
Authors: CHEN X; RUSCHHAUPT A; SCHMIDT S; DEL CAMPO A; GUERY-ODELIN D; MUGA JG
Source: PHYS REV LETT 104 (6): - FEB 12 2010
Addresses: Univ Basque Country, Dept Quim Fis, Bilbao 48080, Spain.
Shanghai Univ, Dept Phys, Shanghai 200444, Peoples R China.
Leibniz Univ Hannover, Inst Theoret Phys, D-30167 Hannover, Germany.
Univ London Imperial Coll Sci Technol & Med, Blackett Lab, QOLS, London SW7 2BW, England.
Univ Toulouse 3, CNRS, IRSAMC, Lab Collis Agregats React, UMR 5589, F-31062 Toulouse, France.
Field: PHYSICS
- 33 Citations: 81
Title: REMOVAL OF METHYLENE BLUE FROM AQUEOUS SOLUTION BY GRAPHENE OXIDE
Authors: YANG ST; CHEN S; CHANG YL; CAO AN; LIU YF; WANG HF
Source: J COLLOID INTERFACE SCI 359 (1): 24-29 JUL 1 2011
Addresses: **Shanghai Univ**, Inst Nanochem & Nanobiol, Shanghai 200444, Peoples R China.
Peking Univ, Coll Chem & Mol Engr, Beijing Natl Lab Mol Sci, Beijing 100871, Peoples R China.
Field: CHEMISTRY
- 34 Citations: 80
Title: ERROR MINIMIZED EXTREME LEARNING MACHINE WITH GROWTH OF HIDDEN NODES AND INCREMENTAL LEARNING
Authors: FENG GR; HUANG GB; LIN QP; GAY R
Source: IEEE TRANS NEURAL NETWORKS 20 (8): 1352-1357 AUG 2009
Addresses: **Shanghai Univ**, Sch Commun & Informat Engr, Shanghai 200072, Peoples R China.
Nanyang Technol Univ, Sch Elect & Elect Engr, Singapore 639798, Singapore.
Field: ENGINEERING
- 35 Citations: 78
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 Engn, Beijing 100871, Peoples R China.
Shanghai Univ, Sch Mat Sci & Engn, 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: 74
Title: PREDICTING FUNCTIONS OF PROTEINS IN MOUSE BASED ON WEIGHTED PROTEIN-PROTEIN INTERACTION NETWORK AND PROTEIN HYBRID PROPERTIES
Authors: HU LL; HUANG T; SHI XH; LU WC; CAI YD; CHOU KC
Source: PLOS ONE 6 (1): - JAN 19 2011
Addresses: **Shanghai Univ**, Inst Syst Biol, Shanghai, Peoples R China.
Shanghai Univ, 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: BIOLOGY & BIOCHEMISTRY

37 Citations: 74
Title: REMARKS ON FRACTIONAL DERIVATIVES
Authors: LI CP; DENG WH
Source: APPL MATH COMPUT 187 (2): 777-784 APR 15 2007
Addresses: **Shanghai Univ**, Dept Math, Shanghai 200444, Peoples R China.
Lanzhou Univ, Sch Math & Stat, Lanzhou 730000, Peoples R China.
Field: MATHEMATICS

38 Citations: 72
Title: HIGHLY EFFECTIVE BINDING OF NEUTRAL DINITRILES BY SIMPLE PILLAR[5]ARENES
Authors: SHU XY; CHEN SH; LI J; CHEN ZX; WENG LH; JIA XS; LI CJ
Source: CHEM COMMUN 48 (24): 2967-2969 2012
Addresses: **Shanghai Univ**, Coll Environm & Chem Engn, Shanghai 200444, Peoples R China.
Shanghai Univ, Dept Chem, Shanghai 200444, Peoples R China.
Fudan Univ, Dept Chem, Shanghai 200433, Peoples R China.
Field: CHEMISTRY

39 Citations: 71
Title: SN@CNT NANOSTRUCTURES ROOTED IN GRAPHENE WITH HIGH AND FAST LI-STORAGE CAPACITIES
Authors: ZOU YQ; WANG Y
Source: ACS NANO 5 (10): 8108-8114 OCT 2011
Addresses: **Shanghai Univ**, Sch Environm & Chem Engn, Dept Chem Engn, Shanghai 200444, Peoples R China.
Field: CHEMISTRY

40 Citations: 68
Title: HIGH-EFFICIENCY UPCONVERSION LUMINESCENT SENSING AND BIOIMAGING OF HG(II) BY CHROMOPHORIC RUTHENIUM COMPLEX-ASSEMBLED NANOPHOSPHORS
Authors: LIU Q; PENG JJ; SUN LN; LI FY
Source: ACS NANO 5 (10): 8040-8048 OCT 2011
Addresses: Fudan Univ, Dept Chem, Shanghai 200433, Peoples R China.
Shanghai Univ, Res Ctr Nano Sci & Technol, Shanghai 200444, Peoples R China.
Field: CHEMISTRY

41 Citations: 68
Title: BISYMMETRIC AND CENTROSYMMETRIC SOLUTIONS TO SYSTEMS OF REAL QUATERNION MATRIX EQUATIONS
Authors: WANG QW
Source: COMPUT MATH APPL 49 (5-6): 641-650 APR-MAY 2005
Addresses: **Shanghai Univ**, Dept Math, Shanghai 200444, Peoples R China.
Field: MATHEMATICS

- 42 Citations: 68
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
- 43 Citations: 59
Title: CATALYTIC APPLICATIONS OF LAYERED DOUBLE HYDROXIDES AND DERIVATIVES
Authors: XU ZP; ZHANG J; ADEBAJO MO; ZHANG H; ZHOU CH
Source: APPL CLAY SCI 53 (2): 139-150 SP. ISS. SI AUG 2011
Addresses: Univ Queensland, Australian Inst Bioengn & Nanotechnol, Australian Res Council, Ctr Excellence Funct Nanomat, Brisbane, Qld 4072, Australia.
Shanghai Univ, Sch Environm & Chem Engn, Shanghai 200072, Peoples R China.
Univ Queensland, Australian Inst Bioengn & Nanotechnol, Ctr Computat Mol Sci, Brisbane, Qld 4072, Australia.
Zhejiang Univ Technol, Coll Chem Engn & Mat Sci 6, Res Grp Adv Mat & Sustainable Catalysis, Breeding Base State Key Lab Green Chem Synth Tech, Hangzhou 310032, Zhejiang, Peoples R China.
Field: GEOSCIENCES
- 44 Citations: 59
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 Engn, Inst Environm Pollut & Hlth, Shanghai 200444, Peoples R China.
Chinese Acad Sci, Guangzhou Inst Geochem, Guangzhou 510640, Guangdong, Peoples R China.
Field: ENGINEERING
- 45 Citations: 55
Title: RELATIONSHIP BETWEEN COOPERATION NETWORKS AND INNOVATION PERFORMANCE OF SMES
Authors: ZENG SX; XIE XM; TAM CM
Source: TECHNOVATION 30 (3): 181-194 MAR 2010
Addresses: Shanghai Jiao Tong Univ, Antai Sch Management, Shanghai 200052, Peoples R China.
Shanghai Univ, Sch Management, Shanghai 200444, Peoples R China.
City Univ Hong Kong, Coll Sci & Engn, Hong Kong, Hong Kong, Peoples R China.
Field: ENGINEERING
- 46 Citations: 54
Title: SHORT MEMORY PRINCIPLE AND A PREDICTOR-CORRECTOR APPROACH FOR FRACTIONAL DIFFERENTIAL EQUATIONS
Authors: DENG WH
Source: J COMPUT APPL MATH 206 (1): 174-188 SEP 1 2007
Addresses: Lanzhou Univ, Sch Math & Stat, Lanzhou 730000, Peoples R China.
Shanghai Univ, Dept Math, Shanghai 200444, Peoples R China.
Field: MATHEMATICS
- 47 Citations: 53
Title: CUTTING SP(2) CLUSTERS IN GRAPHENE SHEETS INTO COLLOIDAL GRAPHENE QUANTUM DOTS WITH STRONG GREEN FLUORESCENCE
Authors: PAN DY; GUO L; ZHANG JC; XI C; XUE Q; HUANG H; LI JH; ZHANG ZW; YU WJ; CHEN ZW; LI Z; WU MH
Source: J MATER CHEM 22 (8): 3314-3318 2012
Addresses: **Shanghai Univ**, Inst Nanochem & Nanobiol, Shanghai 201800, Peoples R China.
Shanghai Univ, Shanghai Appl Radiat Inst, Shanghai 201800, Peoples R China.
Shanghai Univ, Microstruct **Shanghai Univ**, Shanghai 201800, Peoples R China.
Field: MATERIALS SCIENCE
- 48 Citations: 53

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

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

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

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

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

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

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

Field: CHEMISTRY

49 Citations: 51

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

50 Citations: 49

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

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

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

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

Shanghai Ctr Bioinformat Technol, Shanghai, Peoples R China.

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

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

Gordon Life Sci Inst, San Diego, CA USA.

Field: BIOLOGY & BIOCHEMISTRY

51 Citations: 48

Title: SUPERCAPACITOR PERFORMANCES OF THERMALLY REDUCED GRAPHENE OXIDE

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

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

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

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

Field: ENGINEERING

52 Citations: 48

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

Authors: WANG QW; LI CK

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

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

Field: MATHEMATICS

53 Citations: 46

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

Authors: NIXON S; GE LJ; YANG JK

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

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

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

Field: PHYSICS

54 Citations: 45

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

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

Source: BMC BIOINFORMATICS 11: - MAY 31 2010

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

Shanghai Maritime Univ, Coll Informat Engn, Shanghai 201306, Peoples R China.
Fudan Univ, Ctr Computat Syst Biol, Shanghai 200433, Peoples R China.
Univ Manchester, 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

55 Citations: 42

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

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

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

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

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

Field: CHEMISTRY

56 Citations: 39

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

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

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

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

Field: PHYSICS

57 Citations: 36

Title: CARBON QUANTUM DOTS FOR OPTICAL BIOIMAGING

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

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

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

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

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

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

Field: MATERIALS SCIENCE

58 Citations: 35

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

Authors: LI CP; WANG YH

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

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

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

Field: MATHEMATICS

59 Citations: 35

Title: A SYSTEM OF REAL QUATERNION MATRIX EQUATIONS WITH APPLICATIONS

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

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

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

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

Field: MATHEMATICS

60 Citations: 34

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

61 Citations: 34

Title: NUMERICAL APPROXIMATION OF NONLINEAR FRACTIONAL DIFFERENTIAL EQUATIONS WITH

SUBDIFFUSION AND SUPERDIFFUSION

Authors: LI CP; ZHAO ZG; CHEN YQ

Source: COMPUT MATH APPL 62 (3): 855-875 SP. ISS. SI AUG 2011

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

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

Field: MATHEMATICS

62 Citations: 32

Title: MOLECULAR SELECTIVE BINDING OF BASIC AMINO ACIDS BY A WATER-SOLUBLE PILLAR[5]ARENE

Authors: LI CJ; MA JW; ZHAO L; ZHANG YY; YU YH; SHU XY; LI J; JIA XS

Source: CHEM COMMUN 49 (19): 1924-1926 2013

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

Fudan Univ, State Key Lab Mol Engr Polymers, Shanghai 200433, Peoples R China.

E China Normal Univ, Shanghai Key Lab Magnet Resonance, Dept Phys, Shanghai 200062, Peoples R China.

Field: CHEMISTRY

63 Citations: 27

Title: SHORTCUTS TO ADIABATICITY

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

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

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

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

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Univ Toulouse 3, Lab Collis Agregats React, CNRS UMR 5589, IRSAMC, F-31062 Toulouse 4, France.

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

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

Field: PHYSICS

64 Citations: 22

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

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

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

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

Field: ENGINEERING

65 Citations: 22

Title: PILLAR[5]ARENE-NEUTRAL GUEST RECOGNITION BASED SUPRAMOLECULAR ALTERNATING COPOLYMER CONTAINING [C2] DAISY CHAIN AND BIS-PILLAR[5]ARENE UNITS

Authors: WANG XY; HAN K; LI J; JIA XS; LI CJ

Source: POLYM CHEM 4 (14): 3998-4003 JUL 21 2013

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

Beijing Natl Lab Mol Sci, Beijing, Peoples R China.

Field: CHEMISTRY

66 Citations: 21

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

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

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

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

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Nanjing Med Univ, Affiliated Hosp 2, Dept Oncol, Nanjing 210011, Jiangsu, Peoples R China.
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