

# 上海大学 ESI 高被引论文通告（第 14 期）

上海大学情报研究所 上海大学图书馆

二零一六年六月十三日

ESI(Essential Science Indicators<sup>SM</sup>)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	2016 年 5 月 30 日	2016 年 5 月 30 日
检索词	Institution= <b>Shanghai Univ</b>	Institution= <b>Shanghai Univ</b>
检索结果	105 篇	2 篇

根据 ESI 数据库 2016 年 5 月更新数据，上海大学高被引论文篇数为 105 篇。与 2015 年 3 月更新数据相比，新进库论文 4 篇，见“2 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	2006	2007	2009	2010	2011	2012	2013	2014	2015
篇数	5	5	9	11	11	17	22	11	14
第一作者(篇)	2	3	7	8	6	12	17	7	4
通讯作者(篇)	1	3	7	8	6	11	16	7	5
第一作者及通讯作者合计(篇)	2	3	7	8	6	12	17	7	6

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。作者名后标\*号的表示该作者论文所署地址是上海大学但不是所列院系所。“第一作者”一列中空表示第一作者所署地址不是上海大学，“通讯作者”一列中空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)
理学院数学系 (Dept Math)	14	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
		2007	Li CP	Li CP	APPL MATH COMPUT	--
		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	NUMER FUNC ANAL OPT	0.542/Q4
		2007	Deng WH	Li CP	NONLINEAR DYNAM	--
		2007	Deng WH	Deng WH	J COMPUT APPL MATH	--
		2013	Zeng FH	Li CP	SIAM J SCI COMPUT	1.940/Q1
		2015	Zeng FH	Li CP	SIAM J SCI COMPUT	1.854/Q1
		2014	Zeng FH	Zeng FH	SIAM J NUMER ANAL	1.788/Q1
		2015	Yang YS	Cai WC	DESIGN CODE CRYPTOGR	0.958/Q2
理学院化学系 (Dept Chem)	12	2013	Zhao HB	Xu JQ	J POWER SOURCES	5.211/Q1
		2014	Zhao HB	Zhao HB	J POWER SOURCES	6.217/Q1
		2010	Li CJ	Li CJ	ORG BIOMOL CHEM	3.451/Q1
		2010	Li CJ	Li CJ	CHEM COMMUN	5.787/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
		2013	Zhang DS	Zhang DS	NANOSCALE	6.739/Q1
		2012	Zhang DS	Zhang DS	J MATER CHEM	6.108/Q1
		2014	Li CJ	Li CJ	CHEM COMMUN	6.834/Q1
		2015	Chen HQ	Li CJ	CHEM SCI	9.211/Q1
环境与化学工程学院 (Environm & Chem Engn)	15	2012	Shu XY		CHEM COMMUN	6.378/Q1
		2011	Zou YQ	Wang Y	NANOSCALE	5.914/Q1
		2011	Zou YQ	Wang Y	J PHYS CHEM C	4.805/Q1
		2011	Zhao B	Jiang Y	J MATER CHEM	5.968/Q1

		2012	Zhao B	Jiang Y	J POWER SOURCES	4.675/Q1
		2010	Chen SQ	Wang Y	J MATER CHEM	5.101/Q1
		2012	Chen SQ	Wang Y	J POWER SOURCES	4.675/Q1
		2013	Chen P	Wang Y	J POWER SOURCES	5.211/Q1
		2009	Jiang YF	Wang XT	J HAZARD MATER	4.144/Q1
		2013	Gu Y	Wang Y	ACS APPL MATER INTER	5.900/Q1
		2013	Wang XT	Wang XT	SCI TOTAL ENVIRON	3.163/Q1
		2014	Sun WW	Wang Y	NANOSCALE	7.394/Q1
		2015	Liu RL	Liu RL	ADV FUNCT MATER	11.805/Q1
		2012	Zhang HJ	Zhang HJ	CRYSTENGCOMM	3.879/Q1
		2013	Shang Y		ENVIRON INT	5.664/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)	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
		2010	Cao AN	Cao AN	ADV MATER	10.880/Q1
		2011	Chang YL	Cao AN	TOXICOL LETT	3.230/Q1
		2012	Zhang HJ	Zhang HJ	CRYSTENGCOMM	3.879/Q1
理学院/系统生物技术 研究所 (Inst Syst Biol)	2	2013	Tu YS	Tu YS	NAT NANOTECHNOL	33.265/Q1
		2012	Liu XP	Zhao XM	J AM MED INFORM ASSN	3.571/Q1
纳米中心(Res Ctr Nano Sci & Technol)	8	2012	Du XJ	Zhang DS	J PHYS CHEM C	4.814/Q1
		2013	Wen XR	Zhang DS	J MATER CHEM A	--
		2013	Wang H	Wang H	J MATER CHEM A	--
		2014	Wang H	Zhang DS	J MATER CHEM A	7.443/Q1
		2013	Zhang DS	Zhang DS	NANOSCALE	6.739/Q1
		2012	Zhang DS	Zhang DS	J MATER CHEM	6.108/Q1
		2012	Zhang DS	Zhang DS	DALTON T	3.806/Q1
		2012	Zhang DS	Zhang DS	NANOSCALE	6.233/Q1
通信与信息工程学院 (Sch Commun & Informat Engn)	2	2009	Feng GR	Feng GR	IEEE T NEURAL NETWORK	2.889/Q1
		2012	Liu XP	Zhao XM*	J AM MED INFORM ASSN	3.571/Q1
材料科学与工程学院 (Sch Mat Sci & Engn)	2	2013	Wang H	Wang H	J MATER CHEM A	--
		2014	Wang H	Zhang DS	J MATER CHEM A	7.443/Q1
应用数学与力学所 (Inst Appl Math & Mech)	3	2006	Zhou J	Zhou J	IEEE T CIRCUITS-I	--
		2014	Peng MJ*	Cheng YM	ENG ANAL BOUND ELEM	1.392/Q2
		2014	Jiang JW	Jiang JW	NAT COMMUN	11.47/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)	3	2009	Zhang JH	Zhang JH	J ELECTRON PACKAGING	0.781/Q2
		2013	Shen LQ	Shen LQ	IEEE T MULTIMEDIA	1.776/Q1
		2013	Shen LQ	Shen LQ	IEEE T CONSUM ELECTR	1.157/Q2
机电工程与自动化学 院(Sch Mech Engn & Automat)	1	2013	Peng C	Peng C	AUTOMATICA	3.132/Q1
环境与化学工程学院/ 环境污染与健康研究 所(Inst Environm Pollut & Hlth)	3	2009	Jiang YF	Wang XT	J HAZARD MATER	4.144/Q1
		2013	Wang XT	Wang XT	SCI TOTAL ENVIRON	3.163/Q1
		2013	Shang Y		ENVIRON INT	5.664/Q1
理学院物理系 (Dept Phys)	1	2010	Chen X	Chen X	PHYS REV LETT	7.622/Q1
土木工程系(Dept Civil Engn)	1	2014	Peng MJ	Cheng YM*	ENG ANAL BOUND ELEM	1.392/Q2
生命科学学院(College of Life Science)	1	2006	Li N		PLANT CELL	--

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上海市力学在能源工程中的应用重点实验室(Shanghai Key Lab Mech Energy Engn)	1	2014	Jiang JW	Jiang JW	NAT COMMUN	11.47/Q1
理学院力学系 (Dept Mech)	1	2015		Chu HJ	J MECH PHYS SOLIDS	3.598/Q1

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注：上表的影响因子及分区为论文发表当年数据，2015年发表的论文的影响因子及分区为2014年数据。

## 1.3 来源出版物分布

期刊名称	影响因子及 分区(2014)	发文篇数	期刊名称	影响因子及 分区(2014)	发文篇数
CHEM COMMUN	6.834/Q1	7	ENVIRON INT	5.559/Q1	1
J POWER SOURCES	6.217/Q1	6	ENVIRON SCI TECHNOL	5.33/Q1	1
J AM CHEM SOC	12.113/Q1	5	EXP MECH	1.548/Q1	1
J MATER CHEM	--	4	FRACT CALC APPL ANAL	2.245/Q1	1
J PHYS CHEM C	4.772/Q1	4	FUTURE GENER COMP SY	2.786/Q1	1
NANOSCALE	7.394/Q1	4	IEEE T CONSUM ELECTR	1.045/Q2	1
PLOS ONE	3.234/Q1	4	IEEE T MULTIMEDIA	2.303/Q1	1
J HAZARD MATER	4.529/Q1	3	IEEE T NEURAL NETWOR	--	1
J MATER CHEM A	7.443/Q1	3	INT J BIFURCAT CHAOS	1.078/Q2	1
ADV MATER	17.493/Q1	2	J AM MED INFORM ASSN	3.504/Q1	1
ENG ANAL BOUND ELEM	1.392/Q2	2	J COMPUT APPL MATH	1.266/Q1	1
IEEE T CIRCUITS-I	2.403/Q1	2	J ELECTRON PACKAGING	0.856/Q3	1
J COLLOID INTERF SCI	3.368/Q2	2	J MATER CHEM B	4.726/Q1	1
LINEAR ALGEBRA APPL	0.939/Q1	2	J MECH PHYS SOLIDS	3.598/Q1	1
NAT COMMUN	11.47/Q1	2	KNOWL-BASED SYST	2.947/Q1	1
PHYS REV LETT	7.512/Q1	2	LINEAR MULTILINEAR A	0.738/Q2	1
SIAM J SCI COMPUT	1.854/Q1	2	NAT MATER	36.503/Q1	1
ACS APPL MATER INTER	6.723/Q1	1	NAT NANOTECHNOL	34.048/Q1	1
ADV ATOM MOL OPT PHY	5.875/Q1	1	NAT PHOTONICS	32.386/Q1	1
ADV FUNCT MATER	11.805/Q1	1	NONLINEAR DYNAM	2.849/Q1	1
APPL CLAY SCI	2.467/Q1	1	NUMER FUNC ANAL OPT	0.591/Q3	1
APPL MATH COMPUT	1.551/Q1	1	ORG BIOMOL CHEM	3.562/Q1	1
AUTOMATICA	3.02/Q1	1	ORG LETT	6.364/Q1	1
BIOINFORMATICS	4.981/Q1	1	PHYS REV A	2.808/Q1	1
BIOSENS BIOELECTRON	6.409/Q1	1	PHYS REV D	4.643/Q1	1
CARBON	6.196/Q1	1	PLANT CELL	9.338/Q1	1
CHEM MATER	8.354/Q1	1	PLANT PHYSIOL	6.841/Q1	1
CHEM SCI	9.211/Q1	1	POLYM CHEM-UK	5.52/Q1	1
COMPUT MATH APPL	1.697/Q1	1	SCI TOTAL ENVIRON	4.099/Q1	1
COMPUT METHOD APPL M	2.959/Q1	1	SIAM J NUMER ANAL	1.788/Q1	1
CRYSTENGCOMM	4.034/Q1	1	SMALL	8.368/Q1	1
DALTON T	4.197/Q1	1	TECHNOVATION	2.526/Q1	1
DESIGN CODE CRYPTOGR	0.958/Q2	1	TOXICOL LETT	3.262/Q1	1

注：上表的影响因子及分区为 2014 年数据。

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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 7 篇，只刊有 1 篇的占了总数的 70%多。

## 2 全校 ESI 高被引论文详情 (红色字体内容为新进库论文)

### 1 HYDROTHERMAL ROUTE FOR CUTTING GRAPHENE SHEETS INTO BLUE-LUMINESCENT GRAPHENE QUANTUM DOTS

Authors: PAN, DY; ZHANG, JC; LI, Z; et.alPAN, DY; ZHANG, JC; LI, Z; WU, MH; Collapse  
Addresses : SHANGHAI UNIV, INST NANOCHEM & NANOBIOLOG, SHANGHAI 201800, PEOPLES R CHINA;SHANGHAI UNIV, SHANGHAI APPL RADIAT INST, SHANGHAI 201800, PEOPLES R CHINA; SHANGHAI UNIV, INST NANOCHEM & NANOBIOLOG, SHANGHAI 201800, PEOPLES R CHINA;SHANGHAI UNIV, SHANGHAI APPL RADIAT INST, SHANGHAI 201800, PEOPLES R CHINA;

Collapse

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

Research Fields: MATERIALS SCIENCE

Times Cited: 700

### 2 CARBON DOTS FOR OPTICAL IMAGING IN VIVO

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

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 & NANOBIOLOG, SHANGHAI 200444, PEOPLES R CHINA;

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 & NANOBIOLOG, SHANGHAI 200444, PEOPLES R CHINA;

Collapse

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

Research Fields: CHEMISTRY

Times Cited: 438

### 3 LI STORAGE PROPERTIES OF DISORDERED GRAPHENE NANOSHEETS

Authors: PAN, DY; WANG, S; ZHAO, B; et.alPAN, DY; WANG, S; ZHAO, B; WU, MH; ZHANG, HJ; WANG, Y; JIAO, Z; Collapse

Addresses : SHANGHAI UNIV, INST NANOCHEM & NANOBIOLOG, SHANGHAI 201800, PEOPLES R CHINA;SHANGHAI UNIV, SCH ENVIRONM & CHEM ENGN, SHANGHAI 201800, PEOPLES R CHINA; SHANGHAI UNIV, INST NANOCHEM & NANOBIOLOG, SHANGHAI 201800, PEOPLES R CHINA;SHANGHAI UNIV, SCH ENVIRONM & CHEM ENGN, SHANGHAI 201800, PEOPLES R CHINA;

Collapse

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

Research Fields: MATERIALS SCIENCE

Times Cited: 416

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

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

Addresses : SHANGHAI UNIV, INST NANOCHEM & NANOBIOLOG, 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;

SHANGHAI UNIV, INST NANOCHEM & NANOBIOLOG, 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;

Collapse

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

Research Fields: MATERIALS SCIENCE

Times Cited: 374

### 5 IN VITRO TOXICITY EVALUATION OF GRAPHENE OXIDE ON A549 CELLS

Authors: CHANG, YL; YANG, ST; LIU, JH; et.alCHANG, YL; YANG, ST; LIU, JH; DONG, E; WANG, YW; CAO, AN; LIU, YF; WANG, HF; Collapse

Addresses : SHANGHAI UNIV, INST NANOCHEM & NANOBIOLOG, 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;

SHANGHAI UNIV, INST NANOCHEM & NANOBIOLOG, 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;

Collapse

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

Research Fields: PHARMACOLOGY & TOXICOLOGY

Times Cited: 335

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

Authors: GAO, DM; ZHANG, ZP; WU, MH; et.alGAO, DM; ZHANG, ZP; WU, MH; XIE, CG; GUAN, GJ; WANG, DP; Collapse

Addresses : CHINESE ACAD SCI, INST INTELLENT 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;

CHINESE ACAD SCI, INST INTELLENT 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;

Collapse

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

Research Fields: CHEMISTRY

Times Cited: 314

#### 7 PORPHYRIN NANOVESICLES GENERATED BY PORPHYRIN BILAYERS FOR USE AS MULTIMODAL BIOPHOTONIC CONTRAST AGENTS

Authors: LOVELL, JF; JIN, CS; HUYNH, E; et.alLOVELL, JF; JIN, CS; HUYNH, E; JIN, HL; KIM, C; RUBINSTEIN, JL; CHAN, WCW; CAO, WG; WANG, LV; ZHENG, G; Collapse

Addresses : UNIV TORONTO, INST BIOMAT & BIOMED ENGN, 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 ENGN, ST LOUIS, MO 63130 USA;HOSP SICK CHILDREN, RES INST, TORONTO, ON M5G 1X8, CANADA;SHANGHAI UNIV, DEPT CHEM, SHANGHAI 200444, PEOPLES R CHINA;

UNIV TORONTO, INST BIOMAT & BIOMED ENGN, 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 ENGN, ST LOUIS, MO 63130 USA;HOSP SICK CHILDREN, RES INST, TORONTO, ON M5G 1X8, CANADA;SHANGHAI UNIV, DEPT CHEM, SHANGHAI 200444, PEOPLES R CHINA;

Collapse

Source: NAT MATER 10 (4): 324-332 APR 2011

Research Fields: MATERIALS SCIENCE

Times Cited: 259

#### 8 CARBON DOTS AS NONTOXIC AND HIGH-PERFORMANCE FLUORESCENCE IMAGING AGENTS

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

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 & NANOBIOLOG, SHANGHAI 200444, PEOPLES R CHINA;XIAMEN UNIV, LAB MASS SPECTROMETRY, DEPT OCEANOLOG, XIAMEN 361005, PEOPLES R CHINA;

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 & NANOBIOLOG, SHANGHAI 200444, PEOPLES R CHINA;XIAMEN UNIV, LAB MASS SPECTROMETRY, DEPT OCEANOLOG, XIAMEN 361005, PEOPLES R CHINA;

Collapse

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



Research Fields: PHYSICS  
Times Cited: 258

9 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; et.alWEN, YQ; XING, FF; HE, SJ; SONG, SP; WANG, LH; LONG, YT; LI, D; FAN, CH; Collapse

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;  
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;

Collapse

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

Research Fields: CHEMISTRY

Times Cited: 232

10 BOTTOM-UP FABRICATION OF PHOTOLUMINESCENT GRAPHENE QUANTUM DOTS WITH UNIFORM MORPHOLOGY

Authors: LIU, RL; WU, DQ; FENG, XL; et.alLIU, RL; WU, DQ; FENG, XL; MULLEN, K; Collapse

Addresses : MAX PLANCK INST POLYMER RES, D-55128 MAINZ, GERMANY;SHANGHAI UNIV, SCH ENVIRONM & CHEM ENGN, SHANGHAI 200444, PEOPLES R CHINA;

MAX PLANCK INST POLYMER RES, D-55128 MAINZ, GERMANY;SHANGHAI UNIV, SCH ENVIRONM & CHEM ENGN, SHANGHAI 200444, PEOPLES R CHINA;

Collapse

Source: J AM CHEM SOC 133 (39): 15221-15223 OCT 5 2011

Research Fields: CHEMISTRY

Times Cited: 212

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

Authors: ZHANG, Y; XU, JQ; XIANG, Q; et.alZHANG, Y; XU, JQ; XIANG, Q; LI, H; PAN, QY; XU, PC; Collapse

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;

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;

Collapse

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

Research Fields: PHYSICS

Times Cited: 207

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

Authors: PAN, DY; ZHANG, JC; LI, Z; et.alPAN, DY; ZHANG, JC; LI, Z; WU, C; YAN, XM; WU, MH; Collapse

Addresses : SHANGHAI UNIV, INST NANOCHEM & NANOBIOLOG, SHANGHAI 201800, PEOPLES R CHINA;SHANGHAI UNIV, SHANGHAI APPL RADIAT INST, SHANGHAI 201800, PEOPLES R CHINA;

SHANGHAI UNIV, INST NANOCHEM & NANOBIOLOG, SHANGHAI 201800, PEOPLES R CHINA;SHANGHAI UNIV, SHANGHAI APPL RADIAT INST, SHANGHAI 201800, PEOPLES R CHINA;

Collapse

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

Research Fields: CHEMISTRY

Times Cited: 200

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

Authors: BI, XH; THOMAS, GO; JONES, KC; et.alBI, XH; THOMAS, GO; JONES, KC; QU, WY; SHENG, GY; MARTIN, FL; FU, JM; Collapse

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;

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;

Collapse

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

Research Fields: ENVIRONMENT/ECOLOGY

Times Cited: 190

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

Authors: LI, N; ZHANG, DS; LIU, HS; et.alLI, 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; Collapse

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 16082 USA;

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 16082 USA;

Collapse

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

Research Fields: PLANT & ANIMAL SCIENCE

Times Cited: 185

15 IRIDIUM(III) COMPLEX-COATED NANOSYSTEM FOR RATIO-METRIC UPCONVERSION LUMINESCENCE BIOIMAGING OF CYANIDE ANIONS

Authors: LIU, JL; LIU, Y; LIU, Q; et.alLIU, JL; LIU, Y; LIU, Q; LI, CY; SUN, LN; LI, FY; Collapse

Addresses : FUDAN UNIV, DEPT CHEM, SHANGHAI 200433, PEOPLES R CHINA;SHANGHAI UNIV, RES CTR NANO SCI & TECHNOL, SHANGHAI 200444, PEOPLES R CHINA;

FUDAN UNIV, DEPT CHEM, SHANGHAI 200433, PEOPLES R CHINA;SHANGHAI UNIV, RES CTR NANO SCI & TECHNOL, SHANGHAI 200444, PEOPLES R CHINA;

Collapse

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

Research Fields: CHEMISTRY

Times Cited: 183

16 FOLDING/AGGREGATION OF GRAPHENE OXIDE AND ITS APPLICATION IN CU<sup>2+</sup> REMOVAL

Authors: YANG, ST; CHANG, YL; WANG, HF; et.alYANG, ST; CHANG, YL; WANG, HF; LIU, GB; CHEN, S; WANG, YW; LIU, YF; CAO, AN; Collapse

Addresses : SHANGHAI UNIV, INST NANOCHEM & NANOBIOLOG, SHANGHAI 200444, PEOPLES R CHINA;PEKING UNIV, BEIJING NATL LAB MOL SCI, COLL CHEM & MOL ENGN, BEIJING 100871, PEOPLES R CHINA;

SHANGHAI UNIV, INST NANOCHEM & NANOBIOLOG, SHANGHAI 200444, PEOPLES R CHINA;PEKING UNIV, BEIJING NATL LAB MOL SCI, COLL CHEM & MOL ENGN, BEIJING 100871, PEOPLES R CHINA;

Collapse

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

Research Fields: CHEMISTRY

Times Cited: 176

17 REMOVAL OF METHYLENE BLUE FROM AQUEOUS SOLUTION BY GRAPHENE OXIDE

Authors: YANG, ST; CHEN, S; CHANG, YL; et.al YANG, ST; CHEN, S; CHANG, YL; CAO, AN; LIU, YF; WANG, HF; Collapse

Addresses : SHANGHAI UNIV, INST NANOCHEM & NANOBIOLOGICAL, SHANGHAI 200444, PEOPLES R CHINA; PEKING UNIV, COLL CHEM & MOL ENGN, BEIJING NATL LAB MOL SCI, BEIJING 100871, PEOPLES R CHINA;

SHANGHAI UNIV, INST NANOCHEM & NANOBIOLOGICAL, SHANGHAI 200444, PEOPLES R CHINA; PEKING UNIV, COLL CHEM & MOL ENGN, BEIJING NATL LAB MOL SCI, BEIJING 100871, PEOPLES R CHINA;

Collapse

Source: J COLLOID INTERFACE SCI 359 (1): 24-29 JUL 1 2011

Research Fields: CHEMISTRY

Times Cited: 172

18 MICROWAVE-ASSISTED SYNTHESIS OF A CO<sub>3</sub>O<sub>4</sub>-GRAPHENE SHEET-ON-SHEET NANOCOMPOSITE AS A SUPERIOR ANODE MATERIAL FOR LI-ION BATTERIES

Authors: CHEN, SQ; WANG, Y; CHEN, SQ; WANG, Y; Collapse

Addresses : SHANGHAI UNIV, SCH ENVIRONM & CHEM ENGN, DEPT CHEM ENGN, SHANGHAI 200444, PEOPLES R CHINA;

SHANGHAI UNIV, SCH ENVIRONM & CHEM ENGN, DEPT CHEM ENGN, SHANGHAI 200444, PEOPLES R CHINA;

Collapse

Source: J MATER CHEM 20 (43): 9735-9739 2010

Research Fields: MATERIALS SCIENCE

Times Cited: 166

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

Authors: LI, CJ; XU, QQ; LI, J; et.al LI, CJ; XU, QQ; LI, J; YAO, FN; JIA, XS; Collapse

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;

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;

Collapse

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

Research Fields: BIOLOGY & BIOCHEMISTRY

Times Cited: 165

20 NIO NANOSHEETS GROWN ON GRAPHENE NANOSHEETS AS SUPERIOR ANODE MATERIALS FOR LI-ION BATTERIES

Authors: ZOU, YQ; WANG, Y; ZOU, YQ; WANG, Y; Collapse

Addresses : SHANGHAI UNIV, SCH ENVIRONM & CHEM ENGN, SHANGHAI 200444, PEOPLES R CHINA;

SHANGHAI UNIV, SCH ENVIRONM & CHEM ENGN, SHANGHAI 200444, PEOPLES R CHINA;

Collapse

Source: NANOSCALE 3 (6): 2615-2620 2011

Research Fields: PHYSICS

Times Cited: 164

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

Authors: LI, XX; DUAN, XP; JIANG, HX; et.al 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; Collapse

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;

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;

Collapse

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

Research Fields: PLANT & ANIMAL SCIENCE

Times Cited: 163

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

Authors: LI, CJ; ZHAO, L; LI, JA; et.alLI, CJ; ZHAO, L; LI, JA; DING, X; CHEN, SH; ZHANG, QL; YU, YH; JIA, XS; Collapse

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; 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;

Collapse

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

Research Fields: CHEMISTRY

Times Cited: 162

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

Authors: HE, ZS; ZHANG, J; SHI, XH; et.alHE, ZS; ZHANG, J; SHI, XH; HU, LL; KONG, XY; CAI, YD; CHOU, KC; Collapse

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;

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;

Collapse

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

Research Fields: BIOLOGY & BIOCHEMISTRY

Times Cited: 161

24 STABILITY ANALYSIS OF LINEAR FRACTIONAL DIFFERENTIAL SYSTEM WITH MULTIPLE TIME DELAYS

Authors: DENG, WH; LI, CP; LU, JH; DENG, WH; LI, CP; LU, JH; Collapse

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;

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;

## Collapse

Source: NONLINEAR DYNAMICS 48 (4): 409-416 JUN 2007

Research Fields: ENGINEERING

Times Cited: 158

25 ERROR MINIMIZED EXTREME LEARNING MACHINE WITH GROWTH OF HIDDEN NODES AND INCREMENTAL LEARNING

Authors: FENG, GR; HUANG, GB; LIN, QP; et.alFENG, GR; HUANG, GB; LIN, QP; GAY, R; Collapse  
Addresses : SHANGHAI UNIV, SCH COMMUN & INFORMAT ENGN, SHANGHAI 200072, PEOPLES R CHINA;NANYANG TECHNOL UNIV, SCH ELECT & ELECT ENGN, SINGAPORE 639798, SINGAPORE; SHANGHAI UNIV, SCH COMMUN & INFORMAT ENGN, SHANGHAI 200072, PEOPLES R CHINA;NANYANG TECHNOL UNIV, SCH ELECT & ELECT ENGN, SINGAPORE 639798, SINGAPORE;

## Collapse

Source: IEEE TRANS NEURAL NETWORKS 20 (8): 1352-1357 AUG 2009

Research Fields: ENGINEERING

Times Cited: 147

26 CARBON QUANTUM DOTS FOR OPTICAL BIOIMAGING

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

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 & NANOBIOLOG, SHANGHAI 200444, PEOPLES R CHINA;

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 & NANOBIOLOG, SHANGHAI 200444, PEOPLES R CHINA;

## Collapse

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

Research Fields: MATERIALS SCIENCE

Times Cited: 146

27 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; ZHANG, JH; YUAN, F; ZHANG, JS; Collapse

Addresses : SHANGHAI UNIV, MINIST EDUC, KEY LAB ADV DISPLAY & SYST APPLICAT, SHANGHAI 200072, PEOPLES R CHINA;SHANGHAI UNIV, SCH MECHATRON ENGN & AUTOMAT, SHANGHAI 200072, PEOPLES R CHINA;

SHANGHAI UNIV, MINIST EDUC, KEY LAB ADV DISPLAY & SYST APPLICAT, SHANGHAI 200072, PEOPLES R CHINA;SHANGHAI UNIV, SCH MECHATRON ENGN & AUTOMAT, SHANGHAI 200072, PEOPLES R CHINA;

## Collapse

Source: J ELECTRON PACKAGING 131 (4): - DEC 2009

Research Fields: ENGINEERING

Times Cited: 139

28 DESTRUCTIVE EXTRACTION OF PHOSPHOLIPIDS FROM ESCHERICHIA COLI MEMBRANES BY GRAPHENE NANOSHEETS

Authors: TU, YS; LV, M; XIU, P; et.alTU, YS; LV, M; XIU, P; HUYNH, T; ZHANG, M; CASTELLI, M; LIU, ZR; HUANG, Q; FAN, CH; FANG, HP; ZHOU, RH; Collapse

Addresses : SHANGHAI UNIV, INST SYST BIOL, SHANGHAI 200444, PEOPLES R CHINA;CHINESE ACAD SCI, DIV INTERFACIAL WATER, SHANGHAI 201800, PEOPLES R CHINA;CHINESE ACAD SCI, SHANGHAI INST APPL PHYS, KEY LAB INTERFACIAL PHYS & TECHNOL, SHANGHAI 201800, PEOPLES R CHINA;ZHEJIANG UNIV, DEPT ENGN MECH, HANGZHOU 310027, ZHEJIANG, PEOPLES R CHINA;ZHEJIANG UNIV, SOFT MATTER RES CTR, HANGZHOU 310027, ZHEJIANG, PEOPLES R CHINA;IBM CORP, THOMAS J WATSON RES CTR, YORKTOWN HTS, NY 10598 USA;COLUMBIA UNIV, DEPT CHEM, NEW YORK, NY 10027 USA;

SHANGHAI UNIV, INST SYST BIOL, SHANGHAI 200444, PEOPLES R CHINA;CHINESE ACAD SCI, DIV INTERFACIAL WATER, SHANGHAI 201800, PEOPLES R CHINA;CHINESE ACAD SCI, SHANGHAI INST APPL PHYS, KEY LAB INTERFACIAL PHYS & TECHNOL, SHANGHAI 201800, PEOPLES R CHINA;ZHEJIANG UNIV, DEPT ENGN MECH, HANGZHOU 310027, ZHEJIANG, PEOPLES R

CHINA;ZHEJIANG UNIV, SOFT MATTER RES CTR, HANGZHOU 310027, ZHEJIANG, PEOPLES R CHINA;IBM CORP, THOMAS J WATSON RES CTR, YORKTOWN HTS, NY 10598 USA;COLUMBIA UNIV, DEPT CHEM, NEW YORK, NY 10027 USA;

Collapse

Source: NAT NANOTECHNOL 8 (8): 594-601 AUG 2013

Research Fields: MATERIALS SCIENCE

Times Cited: 138

### 29 INFERRING GENE REGULATORY NETWORKS FROM MULTIPLE MICROARRAY DATASETS

Authors: WANG, Y; JOSHI, T; ZHANG, XS; et.alWANG, Y; JOSHI, T; ZHANG, XS; XU, D; CHEN, LN; Collapse

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;

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;

Collapse

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

Research Fields: COMPUTER SCIENCE

Times Cited: 136

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

Authors: LI, CG; CHEN, LN; AIHARA, K; LI, CG; CHEN, LN; AIHARA, K; Collapse

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;

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;

Collapse

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

Research Fields: ENGINEERING

Times Cited: 130

### 31 SYNCHRONIZATION IN GENERAL COMPLEX DELAYED DYNAMICAL NETWORKS

Authors: ZHOU, J; CHEN, TP; ZHOU, J; CHEN, TP; Collapse

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;

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;

Collapse

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

Research Fields: ENGINEERING

Times Cited: 129

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

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

Addresses : SHANGHAI UNIV, INST NANOCHEM & NANOBIOLOG, 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; SHANGHAI UNIV, INST NANO CHEM & NANOBIOLOG, 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;

Collapse

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

Research Fields: MATERIALS SCIENCE

Times Cited: 129

### 33 FAST OPTIMAL FRICTIONLESS ATOM COOLING IN HARMONIC TRAPS: SHORTCUT TO ADIABATICITY

Authors: CHEN, X; RUSCHHAUPT, A; SCHMIDT, S; et.al CHEN, X; RUSCHHAUPT, A; SCHMIDT, S; DEL CAMPO, A; GUERY-ODELIN, D; MUGA, JG; Collapse

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;

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;

Collapse

Source: PHYS REV LETT 104 (6): - FEB 12 2010

Research Fields: PHYSICS

Times Cited: 127

### 34 MONOLAYER GRAPHENE/NIO NANOSHEETS WITH TWO-DIMENSION STRUCTURE FOR SUPERCAPACITORS

Authors: ZHAO, B; SONG, JS; LIU, P; et.al ZHAO, B; SONG, JS; LIU, P; XU, WW; FANG, T; JIAO, Z; ZHANG, HJ; JIANG, Y; Collapse

Addresses : SHANGHAI UNIV, SCH ENVIRONM & CHEM ENGN, SHANGHAI 200444, PEOPLES R CHINA; SHANGHAI UNIV, SCH ENVIRONM & CHEM ENGN, SHANGHAI 200444, PEOPLES R CHINA;

Collapse

Source: J MATER CHEM 21 (46): 18792-18798 2011

Research Fields: MATERIALS SCIENCE

Times Cited: 126

### 35 ANALYSIS AND PREDICTION OF TRANSLATION RATE BASED ON SEQUENCE AND FUNCTIONAL FEATURES OF THE MRNA

Authors: HUANG, T; WAN, SB; XU, ZP; et.al HUANG, T; WAN, SB; XU, ZP; ZHENG, YF; FENG, KY; LI, HP; KONG, XY; CAI, YD; Collapse

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, SCH LIFE SCI, SHANGHAI KEY LAB BIOENERGY CROPS, 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, SCH LIFE SCI, DEPT PHYSIOL & BIOPHYS, SHANGHAI 200433, 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;SHANGHAI UNIV, INST SYST BIOL, SHANGHAI, PEOPLES R CHINA;FUDAN UNIV, CTR COMPUTAT SYST BIOL, SHANGHAI 200433, PEOPLES R CHINA;

CHINESE ACAD SCI, SHANGHAI INST BIOL SCI, KEY LAB SYST BIOL, SHANGHAI, PEOPLES R CHINA;SHANGHAI CTR BIOINFORMAT TECHNOL, SHANGHAI, PEOPLES R CHINA;SHANGHAI UNIV, SCH LIFE SCI, SHANGHAI KEY LAB BIOENERGY CROPS, 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, SCH LIFE SCI, DEPT PHYSIOL & BIOPHYS, SHANGHAI 200433, 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;SHANGHAI

UNIV, INST SYST BIOL, SHANGHAI, PEOPLES R CHINA; FUDAN UNIV, CTR COMPUTAT SYST BIOL, SHANGHAI 200433, PEOPLES R CHINA;

Collapse

Source: PLOS ONE 6 (1): - JAN 6 2011

Research Fields: BIOLOGY & BIOCHEMISTRY

Times Cited: 116

36 CARBON-COATED SnO<sub>2</sub>/GRAPHENE NANOSHEETS AS HIGHLY REVERSIBLE ANODE MATERIALS FOR LITHIUM ION BATTERIES

Authors: ZHANG, CF; PENG, X; GUO, ZP; et.al ZHANG, CF; PENG, X; GUO, ZP; CAI, CB; CHEN, ZX; WEXLER, D; LI, S; LIU, HK; Collapse

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;

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;

Collapse

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

Research Fields: CHEMISTRY

Times Cited: 116

37 CATALYTIC APPLICATIONS OF LAYERED DOUBLE HYDROXIDES AND DERIVATIVES

Authors: XU, ZP; ZHANG, J; ADEBAJO, MO; et.al XU, ZP; ZHANG, J; ADEBAJO, MO; ZHANG, H; ZHOU, CH; Collapse

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;

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;

Collapse

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

Research Fields: GEOSCIENCES

Times Cited: 113

38 HIGHLY EFFECTIVE BINDING OF NEUTRAL DINITRILES BY SIMPLE PILLAR[5]ARENES

Authors: SHU, XY; CHEN, SH; LI, J; et.al SHU, XY; CHEN, SH; LI, J; CHEN, ZX; WENG, LH; JIA, XS; LI, CJ; Collapse

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;

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;

Collapse

Source: CHEM COMMUN 48 (24): 2967-2969 2012

Research Fields: CHEMISTRY

Times Cited: 112



39 ENHANCED CAPACITIVE DEIONIZATION PERFORMANCE OF GRAPHENE/CARBON NANOTUBE COMPOSITES

Authors: ZHANG, DS; YAN, TT; SHI, LY; et.alZHANG, DS; YAN, TT; SHI, LY; PENG, Z; WEN, XR; ZHANG, JP; Collapse

Addresses : SHANGHAI UNIV, RES CTR NANOSCI & TECHNOL, SHANGHAI 200444, PEOPLES R CHINA;SHANGHAI UNIV, DEPT CHEM, SHANGHAI 200444, PEOPLES R CHINA; SHANGHAI UNIV, RES CTR NANOSCI & TECHNOL, SHANGHAI 200444, PEOPLES R CHINA;SHANGHAI UNIV, DEPT CHEM, SHANGHAI 200444, PEOPLES R CHINA;

Collapse

Source: J MATER CHEM 22 (29): 14696-14704 2012

Research Fields: MATERIALS SCIENCE

Times Cited: 108

40 HOPPING TRANSPORT THROUGH DEFECT-INDUCED LOCALIZED STATES IN MOLYBDENUM DISULPHIDE

Authors: QIU, H; XU, T; WANG, ZL; et.alQIU, H; XU, T; WANG, ZL; REN, W; NAN, HY; NI, ZH; CHEN, Q; YUAN, SJ; MIAO, F; SONG, FQ; LONG, G; SHI, Y; SUN, LT; WANG, JL; WANG, XR; Collapse

Addresses : NANJING UNIV, SCH ELECT SCI & ENGN, NATL LAB SOLID STATE MICROSTRUCT, NATL CTR MICROSTRUCT & QUANTUM MANIPULAT, NANJING 210093, JIANGSU, PEOPLES R CHINA;SOUTHEAST UNIV, MINIST EDUC, KEY LAB MEMS, SEU FEI NANO PICO CTR, NANJING 210096, JIANGSU, PEOPLES R CHINA;SOUTHEAST UNIV, DEPT PHYS, NANJING 211189, JIANGSU, PEOPLES R CHINA;SHANGHAI UNIV, DEPT PHYS, SHANGHAI 200444, PEOPLES R CHINA;NANJING UNIV, SCH PHYS, NANJING 210093, JIANGSU, PEOPLES R CHINA;

NANJING UNIV, SCH ELECT SCI & ENGN, NATL LAB SOLID STATE MICROSTRUCT, NATL CTR MICROSTRUCT & QUANTUM MANIPULAT, NANJING 210093, JIANGSU, PEOPLES R CHINA;SOUTHEAST UNIV, MINIST EDUC, KEY LAB MEMS, SEU FEI NANO PICO CTR, NANJING 210096, JIANGSU, PEOPLES R CHINA;SOUTHEAST UNIV, DEPT PHYS, NANJING 211189, JIANGSU, PEOPLES R CHINA;SHANGHAI UNIV, DEPT PHYS, SHANGHAI 200444, PEOPLES R CHINA;NANJING UNIV, SCH PHYS, NANJING 210093, JIANGSU, PEOPLES R CHINA;

Collapse

Source: NAT COMMUN 4: - OCT 2013

Research Fields: PHYSICS

Times Cited: 106

41 REMARKS ON FRACTIONAL DERIVATIVES

Authors: LI, CP; DENG, WH; LI, CP; DENG, WH; Collapse

Addresses : SHANGHAI UNIV, DEPT MATH, SHANGHAI 200444, PEOPLES R CHINA;LANZHOU UNIV, SCH MATH & STAT, LANZHOU 730000, PEOPLES R CHINA; SHANGHAI UNIV, DEPT MATH, SHANGHAI 200444, PEOPLES R CHINA;LANZHOU UNIV, SCH MATH & STAT, LANZHOU 730000, PEOPLES R CHINA;

Collapse

Source: APPL MATH COMPUT 187 (2): 777-784 APR 15 2007

Research Fields: MATHEMATICS

Times Cited: 105

42 STABILITY ANALYSIS FOR SOLITONS IN PT-SYMMETRIC OPTICAL LATTICES

Authors: NIXON, S; GE, LJ; YANG, JK; NIXON, S; GE, LJ; YANG, JK; Collapse

Addresses : UNIV VERMONT, DEPT MATH & STAT, BURLINGTON, VT 05401 USA;SHANGHAI UNIV, DEPT PHYS, SHANGHAI 200444, PEOPLES R CHINA; UNIV VERMONT, DEPT MATH & STAT, BURLINGTON, VT 05401 USA;SHANGHAI UNIV, DEPT PHYS, SHANGHAI 200444, PEOPLES R CHINA;

Collapse

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

Research Fields: PHYSICS

Times Cited: 105

43 SHORTCUTS TO ADIABATICITY

Authors: TORRONTEGUI, E; IBANEZ, S; MARTINEZ-GARAOT, S; et.alTORRONTEGUI, E; IBANEZ, S; MARTINEZ-GARAOT, S; MODUGNO, M; DEL CAMPO, A; GUERY-ODELIN, D; RUSCHHAUPT, A; CHEN, X; MUGA, JG; Collapse

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;BASQUE FDN SCI, IKERBASQUE, BILBAO 48011, SPAIN;LOS ALAMOS NATL LAB, DIV THEORET, LOS ALAMOS, NM USA;LOS ALAMOS NATL LAB, CTR NONLINEAR STUDIES, LOS ALAMOS, NM 87545 USA;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;

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;BASQUE FDN SCI, IKERBASQUE, BILBAO 48011, SPAIN;LOS ALAMOS NATL LAB, DIV THEORET, LOS ALAMOS, NM USA;LOS ALAMOS NATL LAB, CTR NONLINEAR STUDIES, LOS ALAMOS, NM 87545 USA;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;

Collapse

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

Research Fields: PHYSICS

Times Cited: 98

44 MORPHOLOGY DEPENDENCE OF CATALYTIC PROPERTIES OF NI/CO<sub>2</sub> NANOSTRUCTURES FOR CARBON DIOXIDE REFORMING OF METHANE

Authors: DU, XJ; ZHANG, DS; SHI, LY; et.alDU, XJ; ZHANG, DS; SHI, LY; GAO, RH; ZHANG, JP;

Collapse

Addresses : SHANGHAI UNIV, DEPT CHEM, RES CTR NANO SCI & TECHNOL, SHANGHAI 200444, PEOPLES R CHINA;

SHANGHAI UNIV, DEPT CHEM, RES CTR NANO SCI & TECHNOL, SHANGHAI 200444, PEOPLES R CHINA;

Collapse

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

Research Fields: PHYSICS

Times Cited: 97

45 SUPERCAPACITOR PERFORMANCES OF THERMALLY REDUCED GRAPHENE OXIDE

Authors: ZHAO, B; LIU, P; JIANG, Y; et.alZHAO, B; LIU, P; JIANG, Y; PAN, DY; TAO, HH; SONG, JS; FANG, T; XU, WW; Collapse

Addresses : SHANGHAI UNIV, SCH ENVIRONM & CHEM ENGN, SHANGHAI 200444, PEOPLES R CHINA;SHANGHAI ENTRY EXIT INSPECT & QUARANTINE BUR, SHANGHAI 200135, PEOPLES R CHINA;

SHANGHAI UNIV, SCH ENVIRONM & CHEM ENGN, SHANGHAI 200444, PEOPLES R CHINA;SHANGHAI ENTRY EXIT INSPECT & QUARANTINE BUR, SHANGHAI 200135, PEOPLES R CHINA;

Collapse

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

Research Fields: ENGINEERING

Times Cited: 96

46 SHAPE-CONTROLLED SYNTHESIS AND CATALYTIC APPLICATION OF CERIA NANOMATERIALS

Authors: ZHANG, DS; DU, XJ; SHI, LY; et.alZHANG, DS; DU, XJ; SHI, LY; GAO, RH; Collapse

Addresses : SHANGHAI UNIV, RES CTR NANO SCI & TECHNOL, SHANGHAI 200444, PEOPLES R CHINA;SHANGHAI UNIV, DEPT CHEM, SHANGHAI 200444, PEOPLES R CHINA;

SHANGHAI UNIV, RES CTR NANO SCI & TECHNOL, SHANGHAI 200444, PEOPLES R CHINA;SHANGHAI UNIV, DEPT CHEM, SHANGHAI 200444, PEOPLES R CHINA;

Collapse

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

Research Fields: CHEMISTRY

Times Cited: 94

47 FE<sub>2</sub>O<sub>3</sub>-GRAPHENE RICE-ON-SHEET NANOCOMPOSITE FOR HIGH AND FAST LITHIUM ION STORAGE

Authors: ZOU, YQ; KAN, J; WANG, Y; ZOU, YQ; KAN, J; WANG, Y; Collapse

Addresses : SHANGHAI UNIV, DEPT CHEM ENGN, SCH ENVIRONM & CHEM ENGN, SHANGHAI 200444, PEOPLES R CHINA;

SHANGHAI UNIV, DEPT CHEM ENGN, SCH ENVIRONM & CHEM ENGN, SHANGHAI 200444, PEOPLES R CHINA;

Collapse

Source: J PHYS CHEM C 115 (42): 20747-20753 OCT 27 2011

Research Fields: PHYSICS  
Times Cited: 93

48 SELF-ASSEMBLY FABRICATION OF 3D FLOWER-LIKE ZNO HIERARCHICAL NANOSTRUCTURES AND THEIR GAS SENSING PROPERTIES

Authors: ZHANG, HJ; WU, RF; CHEN, ZW; et.alZHANG, HJ; WU, RF; CHEN, ZW; LIU, G; ZHANG, ZN; JIAO, Z; Collapse

Addresses : SHANGHAI UNIV, SCH ENVIRONM & CHEM ENGN, INST NANOCHEM & NANOBIOLOG, SHANGHAI 200444, PEOPLES R CHINA;  
SHANGHAI UNIV, SCH ENVIRONM & CHEM ENGN, INST NANOCHEM & NANOBIOLOG, SHANGHAI 200444, PEOPLES R CHINA;

Collapse

Source: CRYSTENGCOMM 14 (5): 1775-1782 2012

Research Fields: CHEMISTRY

Times Cited: 92

49 OCCURRENCE, DISTRIBUTION AND POSSIBLE SOURCES OF ORGANOCHLORINE PESTICIDES IN AGRICULTURAL SOIL OF SHANGHAI, CHINA

Authors: JIANG, YF; WANG, XT; JIA, Y; et.alJIANG, YF; WANG, XT; JIA, Y; WANG, F; WU, MH; SHENG, GY; FU, JM; Collapse

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;

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;

Collapse

Source: J HAZARD MATER 170 (2-3): 989-997 OCT 30 2009

Research Fields: ENGINEERING

Times Cited: 89

50 PREDICTING ANATOMICAL THERAPEUTIC CHEMICAL (ATC) CLASSIFICATION OF DRUGS BY INTEGRATING CHEMICAL-CHEMICAL INTERACTIONS AND SIMILARITIES

Authors: CHEN, L; ZENG, WM; CAI, YD; et.alCHEN, L; ZENG, WM; CAI, YD; FENG, KY; CHOU, KC; Collapse

Addresses : SHANGHAI MARITIME UNIV, COLL INFORMAT ENGN, SHANGHAI, PEOPLES R CHINA;SHANGHAI UNIV, INST SYST BIOL, SHANGHAI, PEOPLES R CHINA;SHANGHAI CTR BIOINFORMAT TECHNOL, SHANGHAI, PEOPLES R CHINA;CHINESE ACAD SCI, SHANGHAI INST BIOL SCI, KEY LAB SYST BIOL, SHANGHAI, PEOPLES R CHINA;GORDON LIFE SCI INST, SAN DIEGO, CA USA;  
SHANGHAI MARITIME UNIV, COLL INFORMAT ENGN, SHANGHAI, PEOPLES R CHINA;SHANGHAI UNIV, INST SYST BIOL, SHANGHAI, PEOPLES R CHINA;SHANGHAI CTR BIOINFORMAT TECHNOL, SHANGHAI, PEOPLES R CHINA;CHINESE ACAD SCI, SHANGHAI INST BIOL SCI, KEY LAB SYST BIOL, SHANGHAI, PEOPLES R CHINA;GORDON LIFE SCI INST, SAN DIEGO, CA USA;

Collapse

Source: PLOS ONE 7 (4): - APR 13 2012

Research Fields: BIOLOGY & BIOCHEMISTRY

Times Cited: 86

51 RELATIONSHIP BETWEEN COOPERATION NETWORKS AND INNOVATION PERFORMANCE OF SMES

Authors: ZENG, SX; XIE, XM; TAM, CM; ZENG, SX; XIE, XM; TAM, CM; Collapse

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;

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;

Collapse

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

Research Fields: ENGINEERING

Times Cited: 85

52 ENHANCED CAPACITIVE DEIONIZATION OF GRAPHENE/MESOPOROUS CARBON COMPOSITES

Authors: ZHANG, DS; WEN, XR; SHI, LY; et.alZHANG, DS; WEN, XR; SHI, LY; YAN, TT; ZHANG, JP; Collapse

Addresses : SHANGHAI UNIV, RES CTR NANO SCI & TECHNOL, SHANGHAI 200444, PEOPLES R CHINA;SHANGHAI UNIV, DEPT CHEM, SHANGHAI 200444, PEOPLES R CHINA; SHANGHAI UNIV, RES CTR NANO SCI & TECHNOL, SHANGHAI 200444, PEOPLES R CHINA;SHANGHAI UNIV, DEPT CHEM, SHANGHAI 200444, PEOPLES R CHINA;

Collapse

Source: NANOSCALE 4 (17): 5440-5446 2012

Research Fields: PHYSICS

Times Cited: 81

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

Authors: LI, BQ; HUANG, T; LIU, L; et.alLI, BQ; HUANG, T; LIU, L; CAI, YD; CHOU, KC; Collapse

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;

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;

Collapse

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

Research Fields: BIOLOGY & BIOCHEMISTRY

Times Cited: 79

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

Authors: LI, CJ; MA, JW; ZHAO, L; et.alLI, CJ; MA, JW; ZHAO, L; ZHANG, YY; YU, YH; SHU, XY; LI, J; JIA, XS; Collapse

Addresses : SHANGHAI UNIV, DEPT CHEM, SHANGHAI 200444, PEOPLES R CHINA;FUDAN UNIV, STATE KEY LAB MOL ENGN POLYMERS, SHANGHAI 200433, PEOPLES R CHINA;E CHINA NORMAL UNIV, SHANGHAI KEY LAB MAGNET RESONANCE, DEPT PHYS, SHANGHAI 200062, PEOPLES R CHINA; SHANGHAI UNIV, DEPT CHEM, SHANGHAI 200444, PEOPLES R CHINA;FUDAN UNIV, STATE KEY LAB MOL ENGN POLYMERS, SHANGHAI 200433, PEOPLES R CHINA;E CHINA NORMAL UNIV, SHANGHAI KEY LAB MAGNET RESONANCE, DEPT PHYS, SHANGHAI 200062, PEOPLES R CHINA;

Collapse

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

Research Fields: CHEMISTRY

Times Cited: 79

55 GRAPHENE-WRAPPED COS NANOPARTICLES FOR HIGH-CAPACITY LITHIUM-ION STORAGE

Authors: GU, Y; XU, Y; WANG, Y; GU, Y; XU, Y; WANG, Y; Collapse

Addresses : SHANGHAI UNIV, SCH ENVIRONM & CHEM ENGN, DEPT CHEM ENGN, SHANGHAI 200444, PEOPLES R CHINA;

SHANGHAI UNIV, SCH ENVIRONM & CHEM ENGN, DEPT CHEM ENGN, SHANGHAI 200444, PEOPLES R CHINA;

Collapse

Source: ACS APPL MATER INTERFACES 5 (3): 801-806 FEB 13 2013

Research Fields: MATERIALS SCIENCE

Times Cited: 76

56 CROSS-LINKED G-C3N4/RGO NANOCOMPOSITES WITH TUNABLE BAND STRUCTURE AND ENHANCED VISIBLE LIGHT PHOTOCATALYTIC ACTIVITY

Authors: LI, YB; ZHANG, HM; LIU, PR; et.alLI, YB; ZHANG, HM; LIU, PR; WANG, D; LI, Y; ZHAO, HJ; Collapse

Addresses : GRIFFITH UNIV, GRIFFITH SCH ENVIRONM, CTR CLEAN ENVIRONM & ENERGY, NATHAN, QLD 4222, AUSTRALIA;CHINESE ACAD SCI, INST PROC ENGN, STATE KEY LAB MULTIPHASE COMPLEX SYST, BEIJING 100190, PEOPLES R CHINA;SHANGHAI UNIV, SCH MAT SCI & ENGN, SHANGHAI 200072, PEOPLES R CHINA;

GRIFFITH UNIV, GRIFFITH SCH ENVIRONM, CTR CLEAN ENVIRONM & ENERGY, NATHAN, QLD 4222, AUSTRALIA;CHINESE ACAD SCI, INST PROC ENGN, STATE KEY LAB MULTIPHASE COMPLEX SYST, BEIJING 100190, PEOPLES R CHINA;SHANGHAI UNIV, SCH MAT SCI & ENGN, SHANGHAI 200072, PEOPLES R CHINA;

Collapse

Source: SMALL 9 (19): 3336-3344 OCT 11 2013

Research Fields: MATERIALS SCIENCE

Times Cited: 73

57 NUMERICAL APPROXIMATION OF NONLINEAR FRACTIONAL DIFFERENTIAL EQUATIONS WITH SUBDIFFUSION AND SUPERDIFFUSION

Authors: LI, CP; ZHAO, ZG; CHEN, YQ; LI, CP; ZHAO, ZG; CHEN, YQ; Collapse

Addresses : SHANGHAI UNIV, DEPT MATH, SHANGHAI 200444, PEOPLES R CHINA;UTAH STATE UNIV, DEPT ELECT & COMP ENGN, LOGAN, UT 84322 USA;

SHANGHAI UNIV, DEPT MATH, SHANGHAI 200444, PEOPLES R CHINA;UTAH STATE UNIV, DEPT ELECT & COMP ENGN, LOGAN, UT 84322 USA;

Collapse

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

Research Fields: MATHEMATICS

Times Cited: 73

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

Authors: WANG, QW; LI, CK; WANG, QW; LI, CK; Collapse

Addresses : SHANGHAI UNIV, DEPT MATH, SHANGHAI 200444, PEOPLES R CHINA;

SHANGHAI UNIV, DEPT MATH, SHANGHAI 200444, PEOPLES R CHINA;

Collapse

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

Research Fields: MATHEMATICS

Times Cited: 71

59 DESIGN OF GRAPHENE-COATED HOLLOW MESOPOROUS CARBON SPHERES AS HIGH PERFORMANCE ELECTRODES FOR CAPACITIVE DEIONIZATION

Authors: WANG, H; SHI, LY; YAN, TT; et.alWANG, H; SHI, LY; YAN, TT; ZHANG, JP; ZHONG, QD; ZHANG, DS; Collapse

Addresses : SHANGHAI UNIV, SCH MAT SCI & ENGN, RES CTR NANO SCI & TECHNOL, SHANGHAI 200444, PEOPLES R CHINA;

SHANGHAI UNIV, SCH MAT SCI & ENGN, RES CTR NANO SCI & TECHNOL, SHANGHAI 200444, PEOPLES R CHINA;

Collapse

Source: J MATER CHEM A 2 (13): 4739-4750 2014

Research Fields: MATERIALS SCIENCE

Times Cited: 69

60 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; et.alWANG, XY; HAN, K; LI, J; JIA, XS; LI, CJ; Collapse

Addresses : SHANGHAI UNIV, DEPT CHEM, SHANGHAI 200444, PEOPLES R CHINA;BEIJING NATL LAB MOL SCI, BEIJING, PEOPLES R CHINA;

SHANGHAI UNIV, DEPT CHEM, SHANGHAI 200444, PEOPLES R CHINA;BEIJING NATL LAB MOL SCI, BEIJING, PEOPLES R CHINA;

Collapse

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

Research Fields: CHEMISTRY

Times Cited: 67

61 NEGATIVE POISSONS RATIO IN SINGLE-LAYER BLACK PHOSPHORUS

Authors: JIANG, JW; PARK, HS; JIANG, JW; PARK, HS; Collapse

Addresses : SHANGHAI UNIV, SHANGHAI KEY LAB MECH ENERGY ENGN, SHANGHAI INST APPL MATH & MECH, SHANGHAI 200072, PEOPLES R CHINA;BOSTON UNIV, DEPT MECH ENGN, BOSTON, MA 02215 USA;

SHANGHAI UNIV, SHANGHAI KEY LAB MECH ENERGY ENGN, SHANGHAI INST APPL MATH & MECH,

SHANGHAI 200072, PEOPLES R CHINA; BOSTON UNIV, DEPT MECH ENGN, BOSTON, MA 02215 USA;

Collapse

Source: NAT COMMUN 5: - AUG 2014

Research Fields: PHYSICS

Times Cited: 67

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

Authors: DENG, WH; DENG, WH; Collapse

Addresses : LANZHOU UNIV, SCH MATH & STAT, LANZHOU 730000, PEOPLES R CHINA; SHANGHAI UNIV, DEPT MATH, SHANGHAI 200444, PEOPLES R CHINA;

LANZHOU UNIV, SCH MATH & STAT, LANZHOU 730000, PEOPLES R CHINA; SHANGHAI UNIV, DEPT MATH, SHANGHAI 200444, PEOPLES R CHINA;

Collapse

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

Research Fields: MATHEMATICS

Times Cited: 64

63 PILLARARENE-BASED SUPRAMOLECULAR POLYMERS: FROM MOLECULAR RECOGNITION TO POLYMERIC AGGREGATES

Authors: LI, CJ; LI, CJ; Collapse

Addresses : SHANGHAI UNIV, DEPT CHEM, SHANGHAI 200444, PEOPLES R CHINA;

SHANGHAI UNIV, DEPT CHEM, SHANGHAI 200444, PEOPLES R CHINA;

Collapse

Source: CHEM COMMUN 50 (83): 12420-12433 2014

Research Fields: CHEMISTRY

Times Cited: 63

64 THREE-DIMENSIONAL GRAPHENE-BASED HIERARCHICALLY POROUS CARBON COMPOSITES PREPARED BY A DUAL-TEMPLATE STRATEGY FOR CAPACITIVE DEIONIZATION

Authors: WEN, XR; ZHANG, DS; YAN, TT; et.al WEN, XR; ZHANG, DS; YAN, TT; ZHANG, JP; SHI, LY; Collapse

Addresses : SHANGHAI UNIV, RES CTR NANO SCI & TECHNOL, SHANGHAI 200444, PEOPLES R CHINA; SHANGHAI UNIV, DEPT CHEM, SHANGHAI 200444, PEOPLES R CHINA;

SHANGHAI UNIV, RES CTR NANO SCI & TECHNOL, SHANGHAI 200444, PEOPLES R CHINA; SHANGHAI UNIV, DEPT CHEM, SHANGHAI 200444, PEOPLES R CHINA;

Collapse

Source: J MATER CHEM A 1 (39): 12334-12344 2013

Research Fields: MATERIALS SCIENCE

Times Cited: 62

65 THREE-DIMENSIONAL MACROPOROUS GRAPHENE ARCHITECTURES AS HIGH PERFORMANCE ELECTRODES FOR CAPACITIVE DEIONIZATION

Authors: WANG, H; ZHANG, DS; YAN, TT; et.al WANG, H; ZHANG, DS; YAN, TT; WEN, XR; ZHANG, JP; SHI, LY; ZHONG, QD; Collapse

Addresses : SHANGHAI UNIV, RES CTR NANO SCI & TECHNOL, SHANGHAI 200444, PEOPLES R CHINA; SHANGHAI UNIV, SCH MAT SCI & ENGN, SHANGHAI 200072, PEOPLES R CHINA;

SHANGHAI UNIV, RES CTR NANO SCI & TECHNOL, SHANGHAI 200444, PEOPLES R CHINA; SHANGHAI UNIV, SCH MAT SCI & ENGN, SHANGHAI 200072, PEOPLES R CHINA;

Collapse

Source: J MATER CHEM A 1 (38): 11778-11789 2013

Research Fields: MATERIALS SCIENCE

Times Cited: 60

66 IN SITU SUPPORTED MNOX-CEOX ON CARBON NANOTUBES FOR THE LOW-TEMPERATURE SELECTIVE CATALYTIC REDUCTION OF NO WITH NH<sub>3</sub>

Authors: ZHANG, DS; ZHANG, L; SHI, LY; et.al ZHANG, DS; ZHANG, L; SHI, LY; FANG, C; LI, HR; GAO, RH; HUANG, L; ZHANG, JP; Collapse

Addresses : SHANGHAI UNIV, RES CTR NANO SCI & TECHNOL, SHANGHAI 200444, PEOPLES R CHINA; SHANGHAI UNIV, DEPT CHEM, SHANGHAI 200444, PEOPLES R CHINA; SHANGHAI UNIV, SCH MAT SCI & ENGN, SHANGHAI 200072, PEOPLES R CHINA;

SHANGHAI UNIV, RES CTR NANO SCI & TECHNOL, SHANGHAI 200444, PEOPLES R CHINA; SHANGHAI

UNIV, DEPT CHEM, SHANGHAI 200444, PEOPLES R CHINA;SHANGHAI UNIV, SCH MAT SCI & ENGN, SHANGHAI 200072, PEOPLES R CHINA;

Collapse

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

Research Fields: PHYSICS

Times Cited: 59

67 A SYSTEM OF REAL QUATERNION MATRIX EQUATIONS WITH APPLICATIONS

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

Addresses : SHANGHAI UNIV, DEPT MATH, SHANGHAI 200444, PEOPLES R CHINA;DELFT UNIV TECHNOL, FAC ELECT ENGN MATH & COMP SCI, NL-2628 CD DELFT, NETHERLANDS;

SHANGHAI UNIV, DEPT MATH, SHANGHAI 200444, PEOPLES R CHINA;DELFT UNIV TECHNOL, FAC ELECT ENGN MATH & COMP SCI, NL-2628 CD DELFT, NETHERLANDS;

Collapse

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

Research Fields: MATHEMATICS

Times Cited: 53

68 CU(II)-MEDIATED ORTHO C-H ALKYNYLATION OF (HETERO)ARENES WITH TERMINAL ALKYNES

Authors: SHANG, M; WANG, HL; SUN, SZ; et.alSHANG, M; WANG, HL; SUN, SZ; DAI, HX; YU, JQ; Collapse

Addresses : CHINESE ACAD SCI, SHANGHAI INST ORGAN CHEM, STATE KEY LAB ORGANOMETALL CHEM, SHANGHAI 200032, PEOPLES R CHINA;SCRIPPS RES INST, DEPT CHEM, LA JOLLA, CA 92037 USA;SHANGHAI UNIV, DEPT CHEM, INNOVAT DRUG RES CTR, SHANGHAI 200444, PEOPLES R CHINA;

CHINESE ACAD SCI, SHANGHAI INST ORGAN CHEM, STATE KEY LAB ORGANOMETALL CHEM, SHANGHAI 200032, PEOPLES R CHINA;SCRIPPS RES INST, DEPT CHEM, LA JOLLA, CA 92037 USA;SHANGHAI UNIV, DEPT CHEM, INNOVAT DRUG RES CTR, SHANGHAI 200444, PEOPLES R CHINA;

SHANGHAI UNIV, DEPT CHEM, INNOVAT DRUG RES CTR, SHANGHAI 200444, PEOPLES R CHINA;

Collapse

Source: J AM CHEM SOC 136 (33): 11590-11593 AUG 20 2014

Research Fields: CHEMISTRY

Times Cited: 53

69 QUANTUM ANOMALOUS HALL EFFECT IN GRAPHENE PROXIMITY COUPLED TO AN ANTIFERROMAGNETIC INSULATOR

Authors: QIAO, ZH; REN, W; CHEN, H; et.alQIAO, ZH; REN, W; CHEN, H; BELLAICHE, L; ZHANG, ZY; MACDONALD, AH; NIU, Q; Collapse

Addresses : UNIV SCI & TECHNOL CHINA, DEPT PHYS, HEFEI 230026, ANHUI, PEOPLES R CHINA;UNIV SCI & TECHNOL CHINA, HEFEI NATL LAB PHYS SCI MICROSCALE, ICQD, HEFEI 230026, ANHUI, PEOPLES R CHINA;UNIV TEXAS AUSTIN, DEPT PHYS, AUSTIN, TX 78712 USA;SHANGHAI UNIV, DEPT PHYS, SHANGHAI 200444, PEOPLES R CHINA;UNIV ARKANSAS, DEPT PHYS, FAYETTEVILLE, AR 72701 USA;UNIV SCI & TECHNOL CHINA, SYNERGET INNOVAT CTR QUANTUM INFORMAT & QUANTUM P, HEFEI 230026, ANHUI, PEOPLES R CHINA;PEKING UNIV, INT CTR QUANTUM MAT, BEIJING 100871, PEOPLES R CHINA;

UNIV SCI & TECHNOL CHINA, DEPT PHYS, HEFEI 230026, ANHUI, PEOPLES R CHINA;UNIV SCI & TECHNOL CHINA, HEFEI NATL LAB PHYS SCI MICROSCALE, ICQD, HEFEI 230026, ANHUI, PEOPLES R CHINA;UNIV TEXAS AUSTIN, DEPT PHYS, AUSTIN, TX 78712 USA;SHANGHAI UNIV, DEPT PHYS, SHANGHAI 200444, PEOPLES R CHINA;UNIV ARKANSAS, DEPT PHYS, FAYETTEVILLE, AR 72701 USA;UNIV SCI & TECHNOL CHINA, SYNERGET INNOVAT CTR QUANTUM INFORMAT & QUANTUM P, HEFEI 230026, ANHUI, PEOPLES R CHINA;PEKING UNIV, INT CTR QUANTUM MAT, BEIJING 100871, PEOPLES R CHINA;

UNIV SCI & TECHNOL CHINA, DEPT PHYS, HEFEI 230026, ANHUI, PEOPLES R CHINA;UNIV SCI & TECHNOL CHINA, HEFEI NATL LAB PHYS SCI MICROSCALE, ICQD, HEFEI 230026, ANHUI, PEOPLES R CHINA;UNIV TEXAS AUSTIN, DEPT PHYS, AUSTIN, TX 78712 USA;SHANGHAI UNIV, DEPT PHYS, SHANGHAI 200444, PEOPLES R CHINA;UNIV ARKANSAS, DEPT PHYS, FAYETTEVILLE, AR 72701 USA;UNIV SCI & TECHNOL CHINA, SYNERGET INNOVAT CTR QUANTUM INFORMAT & QUANTUM P, HEFEI 230026, ANHUI, PEOPLES R CHINA;PEKING UNIV, INT CTR QUANTUM MAT, BEIJING 100871, PEOPLES R CHINA;

UNIV SCI & TECHNOL CHINA, DEPT PHYS, HEFEI 230026, ANHUI, PEOPLES R CHINA;UNIV SCI & TECHNOL CHINA, HEFEI NATL LAB PHYS SCI MICROSCALE, ICQD, HEFEI 230026, ANHUI, PEOPLES R CHINA;UNIV TEXAS AUSTIN, DEPT PHYS, AUSTIN, TX 78712 USA;SHANGHAI UNIV, DEPT PHYS, SHANGHAI 200444, PEOPLES R CHINA;UNIV ARKANSAS, DEPT PHYS, FAYETTEVILLE, AR 72701 USA;UNIV SCI & TECHNOL CHINA, SYNERGET INNOVAT CTR QUANTUM INFORMAT & QUANTUM P, HEFEI 230026, ANHUI, PEOPLES R CHINA;PEKING UNIV, INT CTR QUANTUM MAT, BEIJING 100871, PEOPLES R CHINA;

UNIV SCI & TECHNOL CHINA, DEPT PHYS, HEFEI 230026, ANHUI, PEOPLES R CHINA;UNIV SCI & TECHNOL CHINA, HEFEI NATL LAB PHYS SCI MICROSCALE, ICQD, HEFEI 230026, ANHUI, PEOPLES R CHINA;UNIV TEXAS AUSTIN, DEPT PHYS, AUSTIN, TX 78712 USA;SHANGHAI UNIV, DEPT PHYS, SHANGHAI 200444, PEOPLES R CHINA;UNIV ARKANSAS, DEPT PHYS, FAYETTEVILLE, AR 72701 USA;UNIV SCI & TECHNOL CHINA, SYNERGET INNOVAT CTR QUANTUM INFORMAT & QUANTUM P, HEFEI 230026, ANHUI, PEOPLES R CHINA;PEKING UNIV, INT CTR QUANTUM MAT, BEIJING 100871, PEOPLES R CHINA;

UNIV SCI & TECHNOL CHINA, DEPT PHYS, HEFEI 230026, ANHUI, PEOPLES R CHINA;UNIV SCI & TECHNOL CHINA, HEFEI NATL LAB PHYS SCI MICROSCALE, ICQD, HEFEI 230026, ANHUI, PEOPLES R CHINA;UNIV TEXAS AUSTIN, DEPT PHYS, AUSTIN, TX 78712 USA;SHANGHAI UNIV, DEPT PHYS, SHANGHAI 200444, PEOPLES R CHINA;UNIV ARKANSAS, DEPT PHYS, FAYETTEVILLE, AR 72701 USA;UNIV SCI & TECHNOL CHINA, SYNERGET INNOVAT CTR QUANTUM INFORMAT & QUANTUM P, HEFEI 230026, ANHUI, PEOPLES R CHINA;PEKING UNIV, INT CTR QUANTUM MAT, BEIJING 100871, PEOPLES R CHINA;

UNIV SCI & TECHNOL CHINA, DEPT PHYS, HEFEI 230026, ANHUI, PEOPLES R CHINA;UNIV SCI & TECHNOL CHINA, HEFEI NATL LAB PHYS SCI MICROSCALE, ICQD, HEFEI 230026, ANHUI, PEOPLES R CHINA;UNIV TEXAS AUSTIN, DEPT PHYS, AUSTIN, TX 78712 USA;SHANGHAI UNIV, DEPT PHYS, SHANGHAI 200444, PEOPLES R CHINA;UNIV ARKANSAS, DEPT PHYS, FAYETTEVILLE, AR 72701 USA;UNIV SCI & TECHNOL CHINA, SYNERGET INNOVAT CTR QUANTUM INFORMAT & QUANTUM P, HEFEI 230026, ANHUI, PEOPLES R CHINA;PEKING UNIV, INT CTR QUANTUM MAT, BEIJING 100871, PEOPLES R CHINA;

UNIV SCI & TECHNOL CHINA, DEPT PHYS, HEFEI 230026, ANHUI, PEOPLES R CHINA;UNIV SCI & TECHNOL CHINA, HEFEI NATL LAB PHYS SCI MICROSCALE, ICQD, HEFEI 230026, ANHUI, PEOPLES R CHINA;UNIV TEXAS AUSTIN, DEPT PHYS, AUSTIN, TX 78712 USA;SHANGHAI UNIV, DEPT PHYS, SHANGHAI 200444, PEOPLES R CHINA;UNIV ARKANSAS, DEPT PHYS, FAYETTEVILLE, AR 72701 USA;UNIV SCI & TECHNOL CHINA, SYNERGET INNOVAT CTR QUANTUM INFORMAT & QUANTUM P, HEFEI 230026, ANHUI, PEOPLES R CHINA;PEKING UNIV, INT CTR QUANTUM MAT, BEIJING 100871, PEOPLES R CHINA;

UNIV SCI & TECHNOL CHINA, DEPT PHYS, HEFEI 230026, ANHUI, PEOPLES R CHINA;UNIV SCI & TECHNOL CHINA, HEFEI NATL LAB PHYS SCI MICROSCALE, ICQD, HEFEI 230026, ANHUI, PEOPLES R CHINA;UNIV TEXAS AUSTIN, DEPT PHYS, AUSTIN, TX 78712 USA;SHANGHAI UNIV, DEPT PHYS, SHANGHAI 200444, PEOPLES R CHINA;UNIV ARKANSAS, DEPT PHYS, FAYETTEVILLE, AR 72701 USA;UNIV SCI & TECHNOL CHINA, SYNERGET INNOVAT CTR QUANTUM INFORMAT & QUANTUM P, HEFEI 230026, ANHUI, PEOPLES R CHINA;PEKING UNIV, INT CTR QUANTUM MAT, BEIJING 100871, PEOPLES R CHINA;

UNIV SCI & TECHNOL CHINA, DEPT PHYS, HEFEI 230026, ANHUI, PEOPLES R CHINA;UNIV SCI & TECHNOL CHINA, HEFEI NATL LAB PHYS SCI MICROSCALE, ICQD, HEFEI 230026, ANHUI, PEOPLES R CHINA;UNIV TEXAS AUSTIN, DEPT PHYS, AUSTIN, TX 78712 USA;SHANGHAI UNIV, DEPT PHYS, SHANGHAI 200444, PEOPLES R CHINA;UNIV ARKANSAS, DEPT PHYS, FAYETTEVILLE, AR 72701 USA;UNIV SCI & TECHNOL CHINA, SYNERGET INNOVAT CTR QUANTUM INFORMAT & QUANTUM P, HEFEI 230026, ANHUI, PEOPLES R CHINA;PEKING UNIV, INT CTR QUANTUM MAT, BEIJING 100871, PEOPLES R CHINA;

UNIV SCI & TECHNOL CHINA, DEPT PHYS, HEFEI 230026, ANHUI, PEOPLES R CHINA;UNIV SCI & TECHNOL CHINA, HEFEI NATL LAB PHYS SCI MICROSCALE, ICQD, HEFEI 230026, ANHUI, PEOPLES R CHINA;UNIV TEXAS AUSTIN, DEPT PHYS, AUSTIN, TX 78712 USA;SHANGHAI UNIV, DEPT PHYS, SHANGHAI 200444, PEOPLES R CHINA;UNIV ARKANSAS, DEPT PHYS, FAYETTEVILLE, AR 72701 USA;UNIV SCI & TECHNOL CHINA, SYNERGET INNOVAT CTR QUANTUM INFORMAT & QUANTUM P, HEFEI 230026, ANHUI, PEOPLES R CHINA;PEKING UNIV, INT CTR QUANTUM MAT, BEIJING 100871, PEOPLES R CHINA;

UNIV SCI & TECHNOL CHINA, DEPT PHYS, HEFEI 230026, ANHUI, PEOPLES R CHINA;UNIV SCI & TECHNOL CHINA, HEFEI NATL LAB PHYS SCI MICROSCALE, ICQD, HEFEI 230026, ANHUI, PEOPLES R CHINA;UNIV TEXAS AUSTIN, DEPT PHYS, AUSTIN, TX 78712 USA;SHANGHAI UNIV, DEPT PHYS, SHANGHAI 200444, PEOPLES R CHINA;UNIV ARKANSAS, DEPT PHYS, FAYETTEVILLE, AR 72701 USA;UNIV SCI & TECHNOL CHINA, SYNERGET INNOVAT CTR QUANTUM INFORMAT & QUANTUM P, HEFEI 230026, ANHUI, PEOPLES R CHINA;PEKING UNIV, INT CTR QUANTUM MAT, BEIJING 100871, PEOPLES R CHINA;

UNIV SCI & TECHNOL CHINA, DEPT PHYS, HEFEI 230026, ANHUI, PEOPLES R CHINA;UNIV SCI & TECHNOL CHINA, HEFEI NATL LAB PHYS SCI MICROSCALE, ICQD, HEFEI 230026, ANHUI, PEOPLES R CHINA;UNIV TEXAS AUSTIN, DEPT PHYS, AUSTIN, TX 78712 USA;SHANGHAI UNIV, DEPT PHYS, SHANGHAI 200444, PEOPLES R CHINA;UNIV ARKANSAS, DEPT PHYS, FAYETTEVILLE, AR 72701 USA;UNIV SCI & TECHNOL CHINA, SYNERGET INNOVAT CTR QUANTUM INFORMAT & QUANTUM P, HEFEI 230026, ANHUI, PEOPLES R CHINA;PEKING UNIV, INT CTR QUANTUM MAT, BEIJING 100871, PEOPLES R CHINA;

UNIV SCI & TECHNOL CHINA, DEPT PHYS, HEFEI 230026, ANHUI, PEOPLES R CHINA;UNIV SCI & TECHNOL CHINA, HEFEI NATL LAB PHYS SCI MICROSCALE, ICQD, HEFEI 230026, ANHUI, PEOPLES R CHINA;UNIV TEXAS AUSTIN, DEPT PHYS, AUSTIN, TX 78712 USA;SHANGHAI UNIV, DEPT PHYS, SHANGHAI 200444, PEOPLES R CHINA;UNIV ARKANSAS, DEPT PHYS, FAYETTEVILLE, AR 72701 USA;UNIV SCI & TECHNOL CHINA, SYNERGET INNOVAT CTR QUANTUM INFORMAT & QUANTUM P, HEFEI 230026, ANHUI, PEOPLES R CHINA;PEKING UNIV, INT CTR QUANTUM MAT, BEIJING 100871, PEOPLES R CHINA;

Collapse

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

Research Fields: ENGINEERING

Times Cited: 51

71 POLYCYCLIC AROMATIC HYDROCARBONS (PAHS) IN URBAN SOILS OF THE MEGACITY SHANGHAI: OCCURRENCE, SOURCE APPORTIONMENT AND POTENTIAL HUMAN HEALTH RISK

Authors: WANG, XT; MIAO, Y; ZHANG, Y; et.alWANG, XT; MIAO, Y; ZHANG, Y; LI, YC; WU, MH; YU, G; Collapse

Addresses : SHANGHAI UNIV, SCH ENVIRONM & CHEM ENGN, INST ENVIRONM POLLUT & HLTH, SHANGHAI 200444, PEOPLES R CHINA;TSINGHUA UNIV, SCH ENVIRONM, BEIJING 100084, PEOPLES R CHINA;

SHANGHAI UNIV, SCH ENVIRONM & CHEM ENGN, INST ENVIRONM POLLUT & HLTH, SHANGHAI 200444, PEOPLES R CHINA;TSINGHUA UNIV, SCH ENVIRONM, BEIJING 100084, PEOPLES R CHINA;

Collapse

Source: SCI TOTAL ENVIR 447: 80-89 MAR 1 2013

Research Fields: ENVIRONMENT/ECOLOGY

Times Cited: 50

72 AN EFFECTIVE CU SIZE DECISION METHOD FOR HEVC ENCODERS

Authors: SHEN, LQ; LIU, Z; ZHANG, XP; et.alSHEN, LQ; LIU, Z; ZHANG, XP; ZHAO, WQ; ZHANG, ZY; Collapse

Addresses : SHANGHAI UNIV, MINIST EDUC, KEY LAB ADV DISPLAY & SYST APPLICAT, SHANGHAI 200072, PEOPLES R CHINA;SHANGHAI UNIV, SCH COMMUN & INFORMAT ENGN, SHANGHAI 200072, PEOPLES R CHINA;

SHANGHAI UNIV, MINIST EDUC, KEY LAB ADV DISPLAY & SYST APPLICAT, SHANGHAI 200072, PEOPLES R CHINA;SHANGHAI UNIV, SCH COMMUN & INFORMAT ENGN, SHANGHAI 200072, PEOPLES R CHINA;

Collapse

Source: IEEE TRANS MULTIMEDIA 15 (2): 465-470 FEB 2013

Research Fields: COMPUTER SCIENCE

Times Cited: 49

73 ANTIBIOTIC RESISTANCE GENE ABUNDANCES ASSOCIATED WITH ANTIBIOTICS AND HEAVY METALS IN ANIMAL MANURES AND AGRICULTURAL SOILS ADJACENT TO FEEDLOTS IN SHANGHAI, CHINA

Authors: JI, XL; SHEN, QH; LIU, F; et.alJI, XL; SHEN, QH; LIU, F; MA, J; XU, G; WANG, YL; WU, MH; Collapse

Addresses : DONGHUA UNIV, SCH ENVIRONM SCI & ENGN, SHANGHAI 201620, PEOPLES R CHINA;SHANGHAI UNIV, SCH ENVIRONM & CHEM ENGN, SHANGHAI 200444, PEOPLES R CHINA;SHANGHAI JIAO TONG UNIV, INSTRUMENTAL ANAL CTR, SHANGHAI 200240, PEOPLES R CHINA;

DONGHUA UNIV, SCH ENVIRONM SCI & ENGN, SHANGHAI 201620, PEOPLES R CHINA;SHANGHAI UNIV, SCH ENVIRONM & CHEM ENGN, SHANGHAI 200444, PEOPLES R CHINA;SHANGHAI JIAO TONG UNIV, INSTRUMENTAL ANAL CTR, SHANGHAI 200240, PEOPLES R CHINA;

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Source: J HAZARD MATER 235: 178-185 OCT 15 2012

Research Fields: ENGINEERING

Times Cited: 49

74 EVENT-TRIGGERED COMMUNICATION AND H-INFINITY CONTROL CO-DESIGN FOR NETWORKED CONTROL SYSTEMS

Authors: PENG, C; YANG, TC; PENG, C; YANG, TC; Collapse

Addresses : SHANGHAI UNIV, SCH MECH ENGN & AUTOMAT, SHANGHAI 200072, PEOPLES R CHINA;UNIV SUSSEX, DEPT ENGN & DESIGN, BRIGHTON BN1 9QT, E SUSSEX, ENGLAND;

SHANGHAI UNIV, SCH MECH ENGN & AUTOMAT, SHANGHAI 200072, PEOPLES R CHINA;UNIV SUSSEX, DEPT ENGN & DESIGN, BRIGHTON BN1 9QT, E SUSSEX, ENGLAND;

Collapse

Source: AUTOMATICA 49 (5): 1326-1332 MAY 2013

Research Fields: ENGINEERING

Times Cited: 47



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

Authors: CHEN, SQ; WANG, Y; AHN, H; et.alCHEN, SQ; WANG, Y; AHN, H; WANG, GX; Collapse  
Addresses : SHANGHAI UNIV, SCH ENVIRONM & CHEM ENGN, SHANGHAI 200444, PEOPLES R CHINA;UNIV TECHNOL SYDNEY, SCH CHEM & FORENS SCI, CTR CLEAN ENERGY TECHNOL, SYDNEY, NSW 2007, AUSTRALIA;GYEONGSANG NATL UNIV, SCH MAT SCI & ENGN, JINJU 660701, GYEONGNAM, SOUTH KOREA;  
SHANGHAI UNIV, SCH ENVIRONM & CHEM ENGN, SHANGHAI 200444, PEOPLES R CHINA;UNIV TECHNOL SYDNEY, SCH CHEM & FORENS SCI, CTR CLEAN ENERGY TECHNOL, SYDNEY, NSW 2007, AUSTRALIA;GYEONGSANG NATL UNIV, SCH MAT SCI & ENGN, JINJU 660701, GYEONGNAM, SOUTH KOREA;  
Collapse  
Source: J POWER SOURCES 216: 22-27 OCT 15 2012  
Research Fields: ENGINEERING  
Times Cited: 43

76 SYSTEMATIC REVIEW OF CHINESE STUDIES OF SHORT-TERM EXPOSURE TO AIR POLLUTION AND DAILY MORTALITY

Authors: SHANG, Y; SUN, ZW; CAO, JJ; et.alSHANG, Y; SUN, ZW; CAO, JJ; WANG, XM; ZHONG, LJ; BI, XH; LI, H; LIU, WX; ZHU, T; HUANG, W; Collapse  
Addresses : SHANGHAI UNIV, SCH ENVIRONM & CHEM ENGN, INST ENVIRONM POLLUT & HLTH, SHANGHAI 200444, PEOPLES R CHINA;CAPITAL MED UNIV, SCH PUBL HLTH & FAMILY MED, BEIJING 100069, PEOPLES R CHINA;CHINESE ACAD SCI, INST EARTH ENVIRONM, XIAN 710075, SHANXI PROVINCE, PEOPLES R CHINA;CHINESE ACAD SCI, GUANGZHOU INST GEOCHEM, GUANGZHOU 510640, GUANGDONG, PEOPLES R CHINA;GUANGDONG ENVIRONM MONITORING CTR, GUANGZHOU 510308, GUANGDONG, PEOPLES R CHINA;CHINESE RES INST ENVIRONM SCI, STATE KEY LAB ENVIRONM CRITERIA & RISK ASSESSMENT, BEIJING 200012, PEOPLES R CHINA;PEKING UNIV, COLL URBAN & ENVIRONM SCI, BEIJING 100871, PEOPLES R CHINA;PEKING UNIV, CTR ENVIRONM & HLTH, BEIJING 100871, PEOPLES R CHINA;PEKING UNIV, COLL ENVIRONM SCI & ENGN, BEIJING 100871, PEOPLES R CHINA;PEKING UNIV, SCH PUBL HLTH, HLTH SCI CTR, BEIJING 100871, PEOPLES R CHINA;  
SHANGHAI UNIV, SCH ENVIRONM & CHEM ENGN, INST ENVIRONM POLLUT & HLTH, SHANGHAI 200444, PEOPLES R CHINA;CAPITAL MED UNIV, SCH PUBL HLTH & FAMILY MED, BEIJING 100069, PEOPLES R CHINA;CHINESE ACAD SCI, INST EARTH ENVIRONM, XIAN 710075, SHANXI PROVINCE, PEOPLES R CHINA;CHINESE ACAD SCI, GUANGZHOU INST GEOCHEM, GUANGZHOU 510640, GUANGDONG, PEOPLES R CHINA;GUANGDONG ENVIRONM MONITORING CTR, GUANGZHOU 510308, GUANGDONG, PEOPLES R CHINA;CHINESE RES INST ENVIRONM SCI, STATE KEY LAB ENVIRONM CRITERIA & RISK ASSESSMENT, BEIJING 200012, PEOPLES R CHINA;PEKING UNIV, COLL URBAN & ENVIRONM SCI, BEIJING 100871, PEOPLES R CHINA;PEKING UNIV, CTR ENVIRONM & HLTH, BEIJING 100871, PEOPLES R CHINA;PEKING UNIV, COLL ENVIRONM SCI & ENGN, BEIJING 100871, PEOPLES R CHINA;PEKING UNIV, SCH PUBL HLTH, HLTH SCI CTR, BEIJING 100871, PEOPLES R CHINA;  
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Source: ENVIRON INT 54: 100-111 APR 2013  
Research Fields: ENVIRONMENT/ECOLOGY  
Times Cited: 43

77 IDENTIFYING DISEASE GENES AND MODULE BIOMARKERS BY DIFFERENTIAL INTERACTIONS

Authors: LIU, XP; LIU, ZP; ZHAO, XM; et.alLIU, XP; LIU, ZP; ZHAO, XM; CHEN, LN; Collapse  
Addresses : SHANGHAI UNIV, INST SYST BIOL, SHANGHAI 200444, PEOPLES R CHINA;SHANGHAI UNIV, SCH COMMUN & INFORMAT ENGN, SHANGHAI 200444, PEOPLES R CHINA;CHINESE ACAD SCI, SHANGHAI INST BIOL SCI, KEY LAB SYST BIOL, SIBS NOVO NORDISK TRANSLAT RES CTR PREDIABETES, SHANGHAI, PEOPLES R CHINA;UNIV TOKYO, INST IND SCI, COLLABORAT RES CTR INNOVAT MATH MODELLING, TOKYO, JAPAN;  
SHANGHAI UNIV, INST SYST BIOL, SHANGHAI 200444, PEOPLES R CHINA;SHANGHAI UNIV, SCH COMMUN & INFORMAT ENGN, SHANGHAI 200444, PEOPLES R CHINA;CHINESE ACAD SCI, SHANGHAI INST BIOL SCI, KEY LAB SYST BIOL, SIBS NOVO NORDISK TRANSLAT RES CTR PREDIABETES, SHANGHAI, PEOPLES R CHINA;UNIV TOKYO, INST IND SCI, COLLABORAT RES CTR INNOVAT MATH MODELLING, TOKYO, JAPAN;  
Collapse  
Source: J AMER MED INFORM ASSOC 19 (2): 241-248 MAR 2012  
Research Fields: SOCIAL SCIENCES, GENERAL  
Times Cited: 42

78 AN IMPROVED ELEMENT-FREE GALERKIN METHOD FOR NUMERICAL MODELING OF THE BIOLOGICAL POPULATION PROBLEMS

Authors: ZHANG, LW; DENG, YJ; LIEW, KM; ZHANG, LW; DENG, YJ; LIEW, KM; Collapse  
Addresses : SHANGHAI OCEAN UNIV, COLL INFORMAT TECHNOL, SHANGHAI 201306, PEOPLES R CHINA;CITY UNIV HONG KONG, DEPT CIVIL & ARCHITECTURAL ENGN, KOWLOON, HONG KONG, PEOPLES R CHINA;SHANGHAI UNIV, SHANGHAI INST APPL MATH & MECH, SHANGHAI 200072, PEOPLES R CHINA;CITY UNIV HONG KONG, SHENZHEN, PEOPLES R CHINA;  
SHANGHAI OCEAN UNIV, COLL INFORMAT TECHNOL, SHANGHAI 201306, PEOPLES R CHINA;CITY UNIV HONG KONG, DEPT CIVIL & ARCHITECTURAL ENGN, KOWLOON, HONG KONG, PEOPLES R CHINA;SHANGHAI UNIV, SHANGHAI INST APPL MATH & MECH, SHANGHAI 200072, PEOPLES R CHINA;CITY UNIV HONG KONG, SHENZHEN, PEOPLES R CHINA;  
Collapse  
Source: ENG ANAL BOUND ELEM 40: 181-188 MAR 2014  
Research Fields: ENGINEERING  
Times Cited: 40

79 GRAPHENE-BASED NANOCOMPOSITE ANODES FOR LITHIUM-ION BATTERIES

Authors: SUN, WW; WANG, Y; SUN, WW; WANG, Y; Collapse  
Addresses : SHANGHAI UNIV, SCH ENVIRONM & CHEM ENGN, DEPT CHEM ENGN, SHANGHAI 200444, PEOPLES R CHINA;  
SHANGHAI UNIV, SCH ENVIRONM & CHEM ENGN, DEPT CHEM ENGN, SHANGHAI 200444, PEOPLES R CHINA;  
Collapse  
Source: NANOSCALE 6 (20): 11528-11552 2014  
Research Fields: PHYSICS  
Times Cited: 35

80 SPECTRAL APPROXIMATIONS TO THE FRACTIONAL INTEGRAL AND DERIVATIVE

Authors: LI, CP; ZENG, FH; LIU, FW; LI, CP; ZENG, FH; LIU, FW; Collapse  
Addresses : SHANGHAI UNIV, DEPT MATH, SHANGHAI 200444, PEOPLES R CHINA;QUEENSLAND UNIV TECHNOL, SCH MATH SCI, BRISBANE, QLD 4001, AUSTRALIA;  
SHANGHAI UNIV, DEPT MATH, SHANGHAI 200444, PEOPLES R CHINA;QUEENSLAND UNIV TECHNOL, SCH MATH SCI, BRISBANE, QLD 4001, AUSTRALIA;  
Collapse  
Source: FRACT CALC APPL ANAL 15 (3): 383-406 SEP 2012  
Research Fields: MATHEMATICS  
Times Cited: 33

81 FAST CU SIZE DECISION AND MODE DECISION ALGORITHM FOR HEVC INTRA CODING

Authors: SHEN, LQ; ZHANG, ZY; AN, P; SHEN, LQ; ZHANG, ZY; AN, P; Collapse  
Addresses : SHANGHAI UNIV, KEY LAB ADV DISPLAY & SYST APPLICAT, MINIST EDUC, SHANGHAI 200072, PEOPLES R CHINA;SHANGHAI UNIV, SCH COMMUN & INFORMAT ENGN, SHANGHAI 200072, PEOPLES R CHINA;  
SHANGHAI UNIV, KEY LAB ADV DISPLAY & SYST APPLICAT, MINIST EDUC, SHANGHAI 200072, PEOPLES R CHINA;SHANGHAI UNIV, SCH COMMUN & INFORMAT ENGN, SHANGHAI 200072, PEOPLES R CHINA;  
Collapse  
Source: IEEE TRANS CONSUM ELECTRON 59 (1): 207-213 FEB 2013  
Research Fields: ENGINEERING  
Times Cited: 32

82 FINITE DIFFERENCE METHODS FOR FRACTIONAL DIFFERENTIAL EQUATIONS

Authors: LI, CP; ZENG, FH; LI, CP; ZENG, FH; Collapse  
Addresses : SHANGHAI UNIV, DEPT MATH, SHANGHAI 200444, PEOPLES R CHINA;  
SHANGHAI UNIV, DEPT MATH, SHANGHAI 200444, PEOPLES R CHINA;  
Collapse  
Source: INT J BIFURCATION CHAOS 22 (4): - APR 2012  
Research Fields: MATHEMATICS  
Times Cited: 32

83 FAST, ROBUST AND ACCURATE DIGITAL IMAGE CORRELATION CALCULATION WITHOUT REDUNDANT COMPUTATIONS

Authors: PAN, B; LI, K; TONG, W; PAN, B; LI, K; TONG, W; Collapse  
Addresses : BEIJING UNIV AERONAUT & ASTRONAUT, INST SOLID MECH, BEIJING 100191, PEOPLES R CHINA;SHANGHAI UNIV, DEPT MECH ENGN, SHANGHAI 200444, PEOPLES R CHINA;SO METHODIST UNIV, DEPT MECH ENGN, DALLAS, TX 75275 USA;  
BEIJING UNIV AERONAUT & ASTRONAUT, INST SOLID MECH, BEIJING 100191, PEOPLES R CHINA;SHANGHAI UNIV, DEPT MECH ENGN, SHANGHAI 200444, PEOPLES R CHINA;SO METHODIST UNIV, DEPT MECH ENGN, DALLAS, TX 75275 USA;  
Collapse  
Source: EXP MECH 53 (7): 1277-1289 SEP 2013  
Research Fields: ENGINEERING  
Times Cited: 31

## 84 BIPHEN[N]ARENES

Authors: CHEN, HQ; FAN, JZ; HU, XS; et.alCHEN, HQ; FAN, JZ; HU, XS; MA, JW; WANG, SL; LI, J; YU, YH; JIA, XS; LI, CJ; Collapse  
Addresses : SHANGHAI UNIV, DEPT CHEM, SHANGHAI 200444, PEOPLES R CHINA;E CHINA NORMAL UNIV, DEPT PHYS, SHANGHAI KEY LAB MAGNET RESONANCE, SHANGHAI 200062, PEOPLES R CHINA;BEIJING NATL LAB MOL SCI, BEIJING 100190, PEOPLES R CHINA;  
SHANGHAI UNIV, DEPT CHEM, SHANGHAI 200444, PEOPLES R CHINA;E CHINA NORMAL UNIV, DEPT PHYS, SHANGHAI KEY LAB MAGNET RESONANCE, SHANGHAI 200062, PEOPLES R CHINA;BEIJING NATL LAB MOL SCI, BEIJING 100190, PEOPLES R CHINA;  
Collapse  
Source: CHEM SCI 6 (1): 197-202 2015  
Research Fields: CHEMISTRY  
Times Cited: 30

## 85 GRAPHENE WRAPPED SNCO NANOPARTICLES FOR HIGH-CAPACITY LITHIUM ION STORAGE

Authors: CHEN, P; GUO, L; WANG, Y; CHEN, P; GUO, L; WANG, Y; Collapse  
Addresses : SHANGHAI UNIV, SCH ENVIRONM & CHEM ENGN, DEPT CHEM ENGN, SHANGHAI 200444, PEOPLES R CHINA;  
SHANGHAI UNIV, SCH ENVIRONM & CHEM ENGN, DEPT CHEM ENGN, SHANGHAI 200444, PEOPLES R CHINA;  
Collapse  
Source: J POWER SOURCES 222: 526-532 JAN 15 2013  
Research Fields: ENGINEERING  
Times Cited: 29

## 86 REDUCED GRAPHENE OXIDE WITH ULTRAHIGH CONDUCTIVITY AS CARBON COATING LAYER FOR HIGH PERFORMANCE SULFUR@REDUCED GRAPHENE OXIDE CATHODE

Authors: ZHAO, HB; PENG, ZH; WANG, WJ; et.alZHAO, HB; PENG, ZH; WANG, WJ; CHEN, XK; FANG, JH; XU, JQ; Collapse  
Addresses : SHANGHAI UNIV, COLL SCI, SHANGHAI 200444, PEOPLES R CHINA;SCH MECHATRON ENGN & AUTOMAT, SHANGHAI 200444, PEOPLES R CHINA;SHANGHAI INST MICROSYST & INFORMAT TECHNOL, STATE KEY LAB TRANSDUCER TECHNOL, SHANGHAI 200050, PEOPLES R CHINA;  
SHANGHAI UNIV, COLL SCI, SHANGHAI 200444, PEOPLES R CHINA;SCH MECHATRON ENGN & AUTOMAT, SHANGHAI 200444, PEOPLES R CHINA;SHANGHAI INST MICROSYST & INFORMAT TECHNOL, STATE KEY LAB TRANSDUCER TECHNOL, SHANGHAI 200050, PEOPLES R CHINA;  
Collapse  
Source: J POWER SOURCES 245: 529-536 JAN 1 2014  
Research Fields: ENGINEERING  
Times Cited: 26

## 87 THE USE OF FINITE DIFFERENCE/ELEMENT APPROACHES FOR SOLVING THE TIME-FRACTIONAL SUBDIFFUSION EQUATION

Authors: ZENG, FH; LI, CP; LIU, FW; et.alZENG, FH; LI, CP; LIU, FW; TURNER, I; Collapse  
Addresses : SHANGHAI UNIV, DEPT MATH, SHANGHAI 200444, PEOPLES R CHINA;QUEENSLAND UNIV TECHNOL, SCH MATH SCI, BRISBANE, QLD 4001, AUSTRALIA;  
SHANGHAI UNIV, DEPT MATH, SHANGHAI 200444, PEOPLES R CHINA;QUEENSLAND UNIV TECHNOL, SCH MATH SCI, BRISBANE, QLD 4001, AUSTRALIA;  
Collapse  
Source: SIAM J SCI COMPUT 35 (6): A2976-A3000 2013  
Research Fields: MATHEMATICS

Times Cited: 25

88 SPACETIME SYMMETRIES OF THE QUANTUM HALL EFFECT  
Authors: GERACIE, M; SON, DT; WU, CL; et.alGERACIE, M; SON, DT; WU, CL; WU, SF; Collapse  
Addresses : UNIV CHICAGO, KADANOFF CTR THEORET PHYS, CHICAGO, IL 60637 USA;SHANGHAI UNIV, DEPT PHYS, SHANGHAI 200444, PEOPLES R CHINA;  
UNIV CHICAGO, KADANOFF CTR THEORET PHYS, CHICAGO, IL 60637 USA;SHANGHAI UNIV, DEPT PHYS, SHANGHAI 200444, PEOPLES R CHINA;  
Collapse  
Source: PHYS REV D 91 (4): - FEB 23 2015  
Research Fields: PHYSICS  
Times Cited: 25

89 ANALYZING THREE-DIMENSIONAL VISCOELASTICITY PROBLEMS VIA THE IMPROVED ELEMENT-FREE GALERKIN (IEFG) METHOD  
Authors: PENG, MJ; LI, RX; CHENG, YM; PENG, MJ; LI, RX; CHENG, YM; Collapse  
Addresses : SHANGHAI UNIV, DEPT CIVIL ENGN, SHANGHAI 200072, PEOPLES R CHINA;SHANGHAI UNIV, SHANGHAI INST APPL MATH & MECH, SHANGHAI 200072, PEOPLES R CHINA;  
SHANGHAI UNIV, DEPT CIVIL ENGN, SHANGHAI 200072, PEOPLES R CHINA;SHANGHAI UNIV, SHANGHAI INST APPL MATH & MECH, SHANGHAI 200072, PEOPLES R CHINA;  
Collapse  
Source: ENG ANAL BOUND ELEM 40: 104-113 MAR 2014  
Research Fields: ENGINEERING  
Times Cited: 20

90 A COLOUR-TUNABLE, WEAVABLE FIBRE-SHAPED POLYMER LIGHT-EMITTING ELECTROCHEMICAL CELL  
Authors: ZHANG, ZT; GUO, KP; LI, YM; et.alZHANG, ZT; GUO, KP; LI, YM; LI, XY; GUAN, GZ; LI, HP; LUO, YF; ZHAO, FY; ZHANG, Q; WEI, B; PEI, QB; PENG, HS; Collapse  
Addresses : FUDAN UNIV, COLLABORAT INNOVAT CTR POLYMERS & POLYMER COMPOSI, DEPT MACROMOL SCI, STATE KEY LAB MOL ENGN POLYMERS, SHANGHAI 200438, PEOPLES R CHINA;FUDAN UNIV, ADV MAT LAB, SHANGHAI 200438, PEOPLES R CHINA;SHANGHAI UNIV, MINIST EDUC, KEY LAB ADV DISPLAY & SYST APPLICAT, SHANGHAI 200072, PEOPLES R CHINA;UNIV CALIF LOS ANGELES, HENRY SAMUELI SCH ENGN & APPL SCI, DEPT MAT SCI & ENGN, LOS ANGELES, CA 90095 USA;  
FUDAN UNIV, COLLABORAT INNOVAT CTR POLYMERS & POLYMER COMPOSI, DEPT MACROMOL SCI, STATE KEY LAB MOL ENGN POLYMERS, SHANGHAI 200438, PEOPLES R CHINA;FUDAN UNIV, ADV MAT LAB, SHANGHAI 200438, PEOPLES R CHINA;SHANGHAI UNIV, MINIST EDUC, KEY LAB ADV DISPLAY & SYST APPLICAT, SHANGHAI 200072, PEOPLES R CHINA;UNIV CALIF LOS ANGELES, HENRY SAMUELI SCH ENGN & APPL SCI, DEPT MAT SCI & ENGN, LOS ANGELES, CA 90095 USA;  
Collapse  
Source: NAT PHOTONICS 9 (4): 233-238 APR 2015  
Research Fields: PHYSICS  
Times Cited: 18

91 AN IMPROVED COMPLEX VARIABLE ELEMENT-FREE GALERKIN METHOD FOR TWO-DIMENSIONAL LARGE DEFORMATION ELASTOPLASTICITY PROBLEMS  
Authors: LI, DM; LIEW, KM; CHENG, YM; LI, DM; LIEW, KM; CHENG, YM; Collapse  
Addresses : CITY UNIV HONG KONG, DEPT CIVIL & ARCHITECTURAL ENGN, KOWLOON, HONG KONG, PEOPLES R CHINA;SHANGHAI UNIV, SHANGHAI INST APPL MATH & MECH, SHANGHAI 200072, PEOPLES R CHINA;  
CITY UNIV HONG KONG, DEPT CIVIL & ARCHITECTURAL ENGN, KOWLOON, HONG KONG, PEOPLES R CHINA;SHANGHAI UNIV, SHANGHAI INST APPL MATH & MECH, SHANGHAI 200072, PEOPLES R CHINA;  
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Source: COMPUT METHOD APPL MECH ENG 269: 72-86 FEB 1 2014  
Research Fields: COMPUTER SCIENCE  
Times Cited: 18

92 A REAL QUATERNION MATRIX EQUATION WITH APPLICATIONS  
Authors: HE, ZH; WANG, QW; HE, ZH; WANG, QW; Collapse  
Addresses : SHANGHAI UNIV, DEPT MATH, SHANGHAI 200444, PEOPLES R CHINA;  
SHANGHAI UNIV, DEPT MATH, SHANGHAI 200444, PEOPLES R CHINA;

Collapse

Source: LINEAR MULTILINEAR ALGEBRA 61 (6): 725-740 JUN 1 2013

Research Fields: MATHEMATICS

Times Cited: 17

93 THE FINITE DIFFERENCE METHODS FOR FRACTIONAL ORDINARY DIFFERENTIAL EQUATIONS

Authors: LI, CP; ZENG, FH; LI, CP; ZENG, FH; Collapse

Addresses : SHANGHAI UNIV, DEPT MATH, SHANGHAI 200444, PEOPLES R CHINA;

SHANGHAI UNIV, DEPT MATH, SHANGHAI 200444, PEOPLES R CHINA;

Collapse

Source: NUMER FUNC ANAL OPTIMIZ 34 (2): 149-179 FEB 1 2013

Research Fields: MATHEMATICS

Times Cited: 16

94 INTRAMOLECULAR ANNULATION OF AROMATIC RINGS WITH N-SULFONYL 1,2,3-TRIAZOLES: DIVERGENT SYNTHESIS OF 3-METHYLENE-2,3-DIHYDROBENZOFURANS AND 3-METHYLENE-2,3-DIHYDROINDOLES

Authors: TANG, XY; ZHANG, YS; HE, L; et.alTANG, XY; ZHANG, YS; HE, L; WEI, Y; SHI, M; Collapse

Collapse

Addresses : CHINESE ACAD SCI, SHANGHAI INST ORGAN CHEM, STATE KEY LAB ORGANOMETALL CHEM, SHANGHAI 200032, PEOPLES R CHINA;SHANGHAI UNIV, DEPT CHEM, SHANGHAI 200436, PEOPLES R CHINA;

CHINESE ACAD SCI, SHANGHAI INST ORGAN CHEM, STATE KEY LAB ORGANOMETALL CHEM, SHANGHAI 200032, PEOPLES R CHINA;SHANGHAI UNIV, DEPT CHEM, SHANGHAI 200436, PEOPLES R CHINA;

Collapse

Source: CHEM COMMUN 51 (1): 133-136 2015

Research Fields: CHEMISTRY

Times Cited: 16

95 CU(II)-CATALYZED COUPLING OF AROMATIC C-H BONDS WITH MALONATES

Authors: WANG, HL; SHANG, M; SUN, SZ; et.alWANG, HL; SHANG, M; SUN, SZ; ZHOU, ZL; LAFORTEZA, BN; DAI, HX; YU, JQ; Collapse

Addresses : CHINESE ACAD SCI, SHANGHAI INST ORGAN CHEM, STATE KEY LAB ORGANOMETALL CHEM, SHANGHAI 200032, PEOPLES R CHINA;SCRIPPS RES INST, DEPT CHEM, LA JOLLA, CA 92037 USA;SHANGHAI UNIV, INNOVAT DRUG RES CTR, DEPT CHEM, SHANGHAI 200444, PEOPLES R CHINA;

CHINESE ACAD SCI, SHANGHAI INST ORGAN CHEM, STATE KEY LAB ORGANOMETALL CHEM, SHANGHAI 200032, PEOPLES R CHINA;SCRIPPS RES INST, DEPT CHEM, LA JOLLA, CA 92037 USA;SHANGHAI UNIV, INNOVAT DRUG RES CTR, DEPT CHEM, SHANGHAI 200444, PEOPLES R CHINA;

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Source: ORG LETT 17 (5): 1228-1231 MAR 6 2015

Research Fields: CHEMISTRY

Times Cited: 15

96 ULTRASENSITIVE ELECTROCHEMICAL DETECTION OF MICRORNA WITH STAR TRIGON STRUCTURE AND ENDONUCLEASE MEDIATED SIGNAL AMPLIFICATION

Authors: MIAO, P; WANG, BD; YU, ZQ; et.alMIAO, P; WANG, BD; YU, ZQ; ZHAO, J; TANG, YG; Collapse

Collapse

Addresses : CHINESE ACAD SCI, SUZHOU INST BIOMED ENGN & TECHNOL, CAS KEY LAB BIOMED DIAGNOST, SUZHOU 215163, PEOPLES R CHINA;UNIV CHINESE ACAD SCI, BEIJING 100049, PEOPLES R CHINA;ARIZONA STATE UNIV, BIODESIGN INST, CTR BIOENERGET, TEMPE, AZ 85287 USA;ARIZONA STATE UNIV, DEPT CHEM & BIOCHEM, TEMPE, AZ 85287 USA;SHANGHAI UNIV, SCH LIFE SCI, LAB BIOSENSING TECHNOL, SHANGHAI 200444, PEOPLES R CHINA;

CHINESE ACAD SCI, SUZHOU INST BIOMED ENGN & TECHNOL, CAS KEY LAB BIOMED DIAGNOST, SUZHOU 215163, PEOPLES R CHINA;UNIV CHINESE ACAD SCI, BEIJING 100049, PEOPLES R CHINA;ARIZONA STATE UNIV, BIODESIGN INST, CTR BIOENERGET, TEMPE, AZ 85287 USA;ARIZONA STATE UNIV, DEPT CHEM & BIOCHEM, TEMPE, AZ 85287 USA;SHANGHAI UNIV, SCH LIFE SCI, LAB BIOSENSING TECHNOL, SHANGHAI 200444, PEOPLES R CHINA;

Collapse

Source: BIOSENS BIOELECTRON 63: 365-370 JAN 15 2015

Research Fields: CHEMISTRY

Times Cited: 14

97 AN INTERFACE-INDUCED CO-ASSEMBLY APPROACH TOWARDS ORDERED MESOPOROUS CARBON/GRAPHENE AEROGEL FOR HIGH-PERFORMANCE SUPERCAPACITORS

Authors: LIU, RL; WAN, L; LIU, SQ; et.al LIU, RL; WAN, L; LIU, SQ; PAN, LX; WU, DQ; ZHAO, DY; Collapse

Addresses : SHANGHAI UNIV, SCH ENVIRONM & CHEM ENGN, DEPT CHEM ENGN, SHANGHAI 200444, PEOPLES R CHINA; SHANGHAI JIAO TONG UNIV, SCH CHEM & CHEM ENGN, SHANGHAI 200240, PEOPLES R CHINA; FUDAN UNIV, DEPT CHEM, ADV MAT LAB, SHANGHAI 200433, PEOPLES R CHINA; FUDAN UNIV, SHANGHAI KEY LAB MOL CATALYSIS & INNOVAT MAT, SHANGHAI 200433, PEOPLES R CHINA;

SHANGHAI UNIV, SCH ENVIRONM & CHEM ENGN, DEPT CHEM ENGN, SHANGHAI 200444, PEOPLES R CHINA; SHANGHAI JIAO TONG UNIV, SCH CHEM & CHEM ENGN, SHANGHAI 200240, PEOPLES R CHINA; FUDAN UNIV, DEPT CHEM, ADV MAT LAB, SHANGHAI 200433, PEOPLES R CHINA; FUDAN UNIV, SHANGHAI KEY LAB MOL CATALYSIS & INNOVAT MAT, SHANGHAI 200433, PEOPLES R CHINA;

Collapse

Source: ADV FUNCT MATER 25 (4): 526-533 JAN 28 2015

Research Fields: MATERIALS SCIENCE

Times Cited: 13

98 A CRANK-NICOLSON ADI SPECTRAL METHOD FOR A TWO-DIMENSIONAL RIESZ SPACE FRACTIONAL NONLINEAR REACTION-DIFFUSION EQUATION

Authors: ZENG, FH; LIU, FW; LI, CP; et.al ZENG, FH; LIU, FW; LI, CP; BURRAGE, K; TURNER, I; ANH, V; Collapse

Addresses : SHANGHAI UNIV, DEPT MATH, SHANGHAI 200444, PEOPLES R CHINA; TONGJI UNIV, DEPT MATH, SHANGHAI 200092, PEOPLES R CHINA; QUEENSLAND UNIV TECHNOL, SCH MATH SCI, BRISBANE, QLD 4001, AUSTRALIA; UNIV OXFORD, OCISB, DEPT COMP SCI, OXFORD OXI 3QD, ENGLAND;

SHANGHAI UNIV, DEPT MATH, SHANGHAI 200444, PEOPLES R CHINA; TONGJI UNIV, DEPT MATH, SHANGHAI 200092, PEOPLES R CHINA; QUEENSLAND UNIV TECHNOL, SCH MATH SCI, BRISBANE, QLD 4001, AUSTRALIA; UNIV OXFORD, OCISB, DEPT COMP SCI, OXFORD OXI 3QD, ENGLAND;

Collapse

Source: SIAM J NUMER ANAL 52 (6): 2599-2622 2014

Research Fields: MATHEMATICS

Times Cited: 13

99 ENHANCED PARAMAGNETIC CU<sup>2+</sup> IONS REMOVAL BY COUPLING A WEAK MAGNETIC FIELD WITH ZERO VALENT IRON

Authors: JIANG, X; QIAO, JL; LO, IMC; et.al JIANG, X; QIAO, JL; LO, IMC; WANG, L; GUAN, XH; LU, ZP; ZHOU, GM; XU, CH; Collapse

Addresses : TONGJI UNIV, COLL ENVIRONM SCI & ENGN, STATE KEY LAB POLLUT CONTROL & RESOURCES REUSE, SHANGHAI 200092, PEOPLES R CHINA; HONG KONG UNIV SCI & TECHNOL, DEPT CIVIL & ENVIRONM ENGN, HONG KONG, HONG KONG, PEOPLES R CHINA; SHANGHAI UNIV, SCH MAT SCI & ENGN, INST MAT SCI, SHANGHAI, PEOPLES R CHINA; SHANDONG UNIV, SCH ENVIRONM SCI & ENGN, JINAN 250100, SHANDONG, PEOPLES R CHINA;

TONGJI UNIV, COLL ENVIRONM SCI & ENGN, STATE KEY LAB POLLUT CONTROL & RESOURCES REUSE, SHANGHAI 200092, PEOPLES R CHINA; HONG KONG UNIV SCI & TECHNOL, DEPT CIVIL & ENVIRONM ENGN, HONG KONG, HONG KONG, PEOPLES R CHINA; SHANGHAI UNIV, SCH MAT SCI & ENGN, INST MAT SCI, SHANGHAI, PEOPLES R CHINA; SHANDONG UNIV, SCH ENVIRONM SCI & ENGN, JINAN 250100, SHANDONG, PEOPLES R CHINA;

Collapse

Source: J HAZARD MATER 283: 880-887 FEB 11 2015

Research Fields: ENGINEERING

Times Cited: 9

100 HIERARCHICAL ATTRIBUTE REDUCTION ALGORITHMS FOR BIG DATA USING MAPREDUCE

Authors: QIAN, J; LV, P; YUE, XD; et.al QIAN, J; LV, P; YUE, XD; LIU, CH; JING, ZJ; Collapse

Addresses : JIANGSU UNIV TECHNOL, KEY LAB CLOUD COMP & INTELLIGENT INFORMAT PROC CH, CHANGZHOU 213001, PEOPLES R CHINA; JIANGSU UNIV TECHNOL, SCH COMP ENGN, CHANGZHOU 213001, PEOPLES R CHINA; SHANGHAI UNIV, SCH ENGN & COMP SCI, SHANGHAI 200444, PEOPLES R CHINA; GANNAN NORMAL UNIV, DEPT MATH & COMP SCI, GANZHOU 341000, PEOPLES R CHINA;

JIANGSU UNIV TECHNOL, KEY LAB CLOUD COMP & INTELLIGENT INFORMAT PROC CH, CHANGZHOU 213001, PEOPLES R CHINA; JIANGSU UNIV TECHNOL, SCH COMP ENGN, CHANGZHOU 213001, PEOPLES R CHINA;

R CHINA;SHANGHAI UNIV, SCH ENGN & COMP SCI, SHANGHAI 200444, PEOPLES R CHINA;GANNAN NORMAL UNIV, DEPT MATH & COMP SCI, GANZHOU 341000, PEOPLES R CHINA;

Collapse

Source: KNOWL-BASED SYST 73: 18-31 JAN 2015

Research Fields: COMPUTER SCIENCE

Times Cited: 9

101 NUMERICAL ALGORITHMS FOR TIME-FRACTIONAL SUBDIFFUSION EQUATION WITH SECOND-ORDER ACCURACY

Authors: ZENG, FH; LI, CP; LIU, FW; et.alZENG, FH; LI, CP; LIU, FW; TURNER, I; Collapse

Addresses : TONGJI UNIV, DEPT MATH, SHANGHAI 200092, PEOPLES R CHINA;SHANGHAI UNIV, DEPT MATH, SHANGHAI 200444, PEOPLES R CHINA;QUEENSLAND UNIV TECHNOL, SCH MATH SCI, BRISBANE, QLD 4001, AUSTRALIA;

TONGJI UNIV, DEPT MATH, SHANGHAI 200092, PEOPLES R CHINA;SHANGHAI UNIV, DEPT MATH, SHANGHAI 200444, PEOPLES R CHINA;QUEENSLAND UNIV TECHNOL, SCH MATH SCI, BRISBANE, QLD 4001, AUSTRALIA;

Collapse

Source: SIAM J SCI COMPUT 37 (1): A55-A78 2015

Research Fields: MATHEMATICS

Times Cited: 7

102 HIGHLY ENHANCED LOW TEMPERATURE DISCHARGE CAPACITY OF LINI1/3CO1/3MN1/3O2 WITH LITHIUM BORON OXIDE GLASS MODIFICATION

Authors: TAN, SY; WANG, L; BIAN, L; et.alTAN, SY; WANG, L; BIAN, L; XU, JB; REN, W; HU, PF; CHANG, AM; Collapse

Addresses : CHINESE ACAD SCI, XINJIANG TECH INST PHYS & CHEM, XINJIANG KEY LAB ELECT INFORMAT MAT & DEVICES, KEY LAB FUNCT MAT & DEVICES SPECIAL ENVIRONM, URUMQI 830011, PEOPLES R CHINA;UNIV CHINESE ACAD SCI, BEIJING 100049, PEOPLES R CHINA;SHANGHAI UNIV, LAB MICROSTRUCT, SHANGHAI 200444, PEOPLES R CHINA;

CHINESE ACAD SCI, XINJIANG TECH INST PHYS & CHEM, XINJIANG KEY LAB ELECT INFORMAT MAT & DEVICES, KEY LAB FUNCT MAT & DEVICES SPECIAL ENVIRONM, URUMQI 830011, PEOPLES R CHINA;UNIV CHINESE ACAD SCI, BEIJING 100049, PEOPLES R CHINA;SHANGHAI UNIV, LAB MICROSTRUCT, SHANGHAI 200444, PEOPLES R CHINA;

Collapse

Source: J POWER SOURCES 277: 139-146 MAR 1 2015

Research Fields: ENGINEERING

Times Cited: 6

103 ON SELF-DUAL CONSTACYCLIC CODES OVER FINITE FIELDS

Authors: YANG, YS; CAI, WC; YANG, YS; CAI, WC; Collapse

Addresses : SHANGHAI UNIV, DEPT MATH, COLL SCI, SHANGHAI 200444, PEOPLES R CHINA; SHANGHAI UNIV, DEPT MATH, COLL SCI, SHANGHAI 200444, PEOPLES R CHINA;

Collapse

Source: DESIGNS CODES CRYPTOGR 74 (2): 355-364 FEB 2015

Research Fields: COMPUTER SCIENCE

Times Cited: 6

104 A SELF-CONSISTENT PLASTICITY THEORY FOR MODELING THE THERMO-MECHANICAL PROPERTIES OF IRRADIATED FCC METALLIC POLYCRYSTALS

Authors: XIAO, XZ; SONG, DK; XUE, JM; et.alXIAO, XZ; SONG, DK; XUE, JM; CHU, HJ; DUANA, HL; Collapse

Addresses : PEKING UNIV, COLL ENGN, DEPT MECH & ENGN SCI, STATE KEY LAB TURBULENCE & COMPLEX SYST, BEIJING 100871, PEOPLES R CHINA;PEKING UNIV, CAPT, HEDPS, BEIJING 100871, PEOPLES R CHINA;PEKING UNIV, IFSA COLLABORAT INNOVAT CTR MOE, BEIJING 100871, PEOPLES R CHINA;PEKING UNIV, SCH PHYS, STATE KEY LAB NUCL PHYS & TECHNOL, BEIJING 100871, PEOPLES R CHINA;SHANGHAI UNIV, DEPT MECH, SHANGHAI 200444, PEOPLES R CHINA;SHANGHAI UNIV, SHANGHAI INST APPL MATH & MECH, SHANGHAI 200444, PEOPLES R CHINA;STATE KEY LAB MECH BEHAV MAT, XIAN 710049, PEOPLES R CHINA;SHANGHAI KEY LAB MECH ENERGY ENGN, SHANGHAI 200072, PEOPLES R CHINA;

PEKING UNIV, COLL ENGN, DEPT MECH & ENGN SCI, STATE KEY LAB TURBULENCE & COMPLEX SYST, BEIJING 100871, PEOPLES R CHINA;PEKING UNIV, CAPT, HEDPS, BEIJING 100871, PEOPLES R CHINA;PEKING UNIV, IFSA COLLABORAT INNOVAT CTR MOE, BEIJING 100871, PEOPLES R

CHINA;PEKING UNIV, SCH PHYS, STATE KEY LAB NUCL PHYS & TECHNOL, BEIJING 100871, PEOPLES R CHINA;SHANGHAI UNIV, DEPT MECH, SHANGHAI 200444, PEOPLES R CHINA;SHANGHAI UNIV, SHANGHAI INST APPL MATH & MECH, SHANGHAI 200444, PEOPLES R CHINA;STATE KEY LAB MECH BEHAV MAT, XIAN 710049, PEOPLES R CHINA;SHANGHAI KEY LAB MECH ENERGY ENGN, SHANGHAI 200072, PEOPLES R CHINA;

Collapse

Source: J MECH PHYS SOLIDS 78: 1-16 MAY 2015

Research Fields: ENGINEERING

Times Cited: 6

105 KNOWLE: A SEMANTIC LINK NETWORK BASED SYSTEM FOR ORGANIZING LARGE SCALE ONLINE NEWS EVENTS

Authors: XU, Z; WEI, X; LUO, XF; et.alXU, Z; WEI, X; LUO, XF; LIU, YH; MEI, L; HU, CP; CHEN, L; Collapse

Addresses : MINIST PUBL SECUR, RES INST 3, SHANGHAI, PEOPLES R CHINA;SHANGHAI UNIV, SCH COMP, SHANGHAI, PEOPLES R CHINA;TSINGHUA UNIV, BEIJING 100084, PEOPLES R CHINA;SHANGHAI INST TECHNOL, SHANGHAI, PEOPLES R CHINA;

MINIST PUBL SECUR, RES INST 3, SHANGHAI, PEOPLES R CHINA;SHANGHAI UNIV, SCH COMP, SHANGHAI, PEOPLES R CHINA;TSINGHUA UNIV, BEIJING 100084, PEOPLES R CHINA;SHANGHAI INST TECHNOL, SHANGHAI, PEOPLES R CHINA;

Collapse

Source: FUTURE GENER COMPUT SYST 43-44: 40-50 FEB 2015

Research Fields: COMPUTER SCIENCE

Times Cited: 5



### 3 全校 ESI 热点论文

#### 1 HIERARCHICAL ATTRIBUTE REDUCTION ALGORITHMS FOR BIG DATA USING MAPREDUCE

Authors: QIAN, J; LV, P; YUE, XD; et.al QIAN, J; LV, P; YUE, XD; LIU, CH; JING, ZJ; Collapse

Addresses : JIANGSU UNIV TECHNOL, KEY LAB CLOUD COMP & INTELLIGENT INFORMAT PROC CH, CHANGZHOU 213001, PEOPLES R CHINA; JIANGSU UNIV TECHNOL, SCH COMP ENGN, CHANGZHOU 213001, PEOPLES R CHINA; SHANGHAI UNIV, SCH ENGN & COMP SCI, SHANGHAI 200444, PEOPLES R CHINA; GANNAN NORMAL UNIV, DEPT MATH & COMP SCI, GANZHOU 341000, PEOPLES R CHINA; JIANGSU UNIV TECHNOL, KEY LAB CLOUD COMP & INTELLIGENT INFORMAT PROC CH, CHANGZHOU 213001, PEOPLES R CHINA; JIANGSU UNIV TECHNOL, SCH COMP ENGN, CHANGZHOU 213001, PEOPLES R CHINA; SHANGHAI UNIV, SCH ENGN & COMP SCI, SHANGHAI 200444, PEOPLES R CHINA; GANNAN NORMAL UNIV, DEPT MATH & COMP SCI, GANZHOU 341000, PEOPLES R CHINA;

Collapse

Source: KNOWL-BASED SYST 73: 18-31 JAN 2015

Research Fields: COMPUTER SCIENCE

Times Cited: 9

#### 2 NUMERICAL ALGORITHMS FOR TIME-FRACTIONAL SUBDIFFUSION EQUATION WITH SECOND-ORDER ACCURACY

Authors: ZENG, FH; LI, CP; LIU, FW; et.al ZENG, FH; LI, CP; LIU, FW; TURNER, I; Collapse

Addresses : TONGJI UNIV, DEPT MATH, SHANGHAI 200092, PEOPLES R CHINA; SHANGHAI UNIV, DEPT MATH, SHANGHAI 200444, PEOPLES R CHINA; QUEENSLAND UNIV TECHNOL, SCH MATH SCI, BRISBANE, QLD 4001, AUSTRALIA;

TONGJI UNIV, DEPT MATH, SHANGHAI 200092, PEOPLES R CHINA; SHANGHAI UNIV, DEPT MATH, SHANGHAI 200444, PEOPLES R CHINA; QUEENSLAND UNIV TECHNOL, SCH MATH SCI, BRISBANE, QLD 4001, AUSTRALIA;

Collapse

Source: SIAM J SCI COMPUT 37 (1): A55-A78 2015

Research Fields: MATHEMATICS

Times Cited: 7