

上海大学 ESI 高被引论文通告（第 15 期）

上海大学情报研究所 上海大学图书馆

二零一六年十月八日

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

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

本期信息来源说明如下：

检索数据库	ESI 数据库 Highly Cited Papers	ESI 数据库 Hot Papers
检索时间	2016 年 9 月 20 日	2016 年 9 月 20 日
检索词	Institution=Shanghai Univ	Institution=Shanghai Univ
检索结果	106 篇	4 篇

根据 ESI 数据库 2016 年 9 月更新数据，上海大学高被引论文篇数为 106 篇。与 2015 年 5 月更新数据相比，新进库论文 7 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	12	17	20	15	12
第一作者(篇)	2	3	7	8	7	12	15	10	5
通讯作者(篇)	1	3	7	8	7	11	14	9	5
第一作者及通讯作者合计(篇)	2	3	7	8	7	12	15	10	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)	15	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
		2014	Li CP	Li CP	APPL MATH MODEL	2.251/Q1
		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	He ZH	Wang QW	LINEAR MULTILINEAR A	0.761/Q2
理学院化学系 (Dept Chem)	13	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
		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)	15	2012	Shu XY		CHEM COMMUN	6.378/Q1
		2011	Zou YQ	Wang Y	NANOSCALE	5.914/Q1
		2011	Hu LL	Hu LL	PLOS ONE	4.092/Q1

Engn)		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
		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
		2015	Zhou W	An ZS	ACS MACRO LETT	5.766/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)	10	2009	Pan DY	Pan DY	CHEM MATER
		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
	2015	Zhou W	An ZS	ACS MACRO LETT	5.766/Q1	
理学院/系统生物技术 研究所 (Inst Syst Biol)	3	2013	Tu YS	Tu YS	NAT NANOTECHNOL	33.265/Q1
		2012	Liu XP	Zhao XM	J AM MED INFORM ASSN	3.571/Q1
		2011	Hu LL	Hu LL	PLOS ONE	4.092/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)	3	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
		2014	Liu Z	Liu Z	IEEE T IMAGE PROCESS	3.625/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)	1	2014	Peng MJ	Cheng YM*	ENG ANAL BOUND ELEM	1.392/Q2

Engn)						
生命科学学院(College of Life Science)	1	2006	Li N		PLANT CELL	--
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

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2015数据。

1.3 来源出版物分布

期刊名称	影响因子及 分区(2015)	发文篇数	期刊名称	影响因子及 分区(2015)	发文篇数
CHEM COMMUN	6.567/Q1	7	CRYSTENGGCOMM	3.849/Q1	1
J AM CHEM SOC	13.038/Q1	5	DALTON T	4.177/Q1	1
J POWER SOURCES	6.333/Q1	5	ENVIRON INT	5.929/Q1	1
PLOS ONE	3.057/Q1	5	ENVIRON SCI TECHNOL	5.393/Q1	1
J MATER CHEM	6.626/Q1	4	EXP MECH	1.764/Q1	1
J PHYS CHEM C	4.509/Q1	4	FRACT CALC APPL ANAL	2.246/Q1	1
NANOSCALE	7.76/Q1	4	IEEE T CONSUM ELECTR	1.12/Q2	1
J HAZARD MATER	4.836/Q1	3	IEEE T IMAGE PROCESS	3.735/Q1	1
J MATER CHEM A	8.262/Q1	3	IEEE T MULTIMEDIA	2.536/Q1	1
ADV MATER	18.96/Q1	2	IEEE T NEURAL NETWOR	2.952/Q1	1
COMPUT MATH APPL	1.398/Q1	2	INT J BIFURCAT CHAOS	1.355/Q2	1
ENG ANAL BOUND ELEM	1.862/Q1	2	J AM MED INFORM ASSN	3.428/Q1	1
IEEE T CIRCUITS-I	2.393/Q1	2	J COMPUT APPL MATH	1.328/Q1	1
J COLLOID INTERF SCI	3.782/Q2	2	J ELECTRON PACKAGING	1.402/Q2	1
LINEAR ALGEBRA APPL	0.965/Q1	2	J MATER CHEM B	4.872/Q1	1
LINEAR MULTILINEAR A	0.761/Q2	2	KNOWL-BASED SYST	3.325/Q1	1
NAT COMMUN	11.329/Q1	2	NAT MATER	38.891/Q1	1
PHYS REV LETT	7.645/Q1	2	NAT NANOTECHNOL	35.267/Q1	1
SIAM J SCI COMPUT	1.792/Q1	2	NAT PHOTONICS	31.167/Q1	1
ACS APPL MATER INTER	7.145/Q1	1	NONLINEAR DYNAM	3.0/Q1	1
ACS MACRO LETT	5.766/Q1	1	NUMER FUNC ANAL OPT	0.649/Q3	1
ADV ATOM MOL OPT PHY	5.417/Q1	1	ORG BIOMOL CHEM	3.559/Q1	1
ADV FUNCT MATER	11.382/Q1	1	ORG LETT	6.732/Q1	1
APPL CLAY SCI	2.586/Q1	1	PHYS REV A	2.765/Q1	1
APPL MATH COMPUT	1.345/Q1	1	PHYS REV D	4.506/Q1	1
APPL MATH MODEL	2.291/Q1	1	PLANT CELL	8.538/Q1	1
AUTOMATICA	3.635/Q1	1	PLANT PHYSIOL	6.28/Q1	1
BIOINFORMATICS	5.766/Q1	1	SCI TOTAL ENVIRON	3.976/Q1	1
BIOSENS BIOELECTRON	7.476/Q1	1	SIAM J NUMER ANAL	1.899/Q1	1
CARBON	6.198/Q1	1	SMALL	8.315/Q1	1
CHEM MATER	9.407/Q1	1	TECHNOVATION	2.243/Q1	1
CHEM SCI	9.144/Q1	1	TOXICOL LETT	3.522/Q1	1
COMPUT METHOD APPL M	3.467/Q1	1			

注：上表的影响因子及分区为 2015 年数据。

上表中列出的是我校所有 ESI 高被引论文的来源出版物。其中最多的是 CHEM COMMUN，有 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

By: 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: 738

2 CARBON DOTS FOR OPTICAL IMAGING IN VIVO

By: 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: 465

3 LI STORAGE PROPERTIES OF DISORDERED GRAPHENE NANOSHEETS

By: 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: 431

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

By: 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: 382

5 IN VITRO TOXICITY EVALUATION OF GRAPHENE OXIDE ON A549 CELLS

By: 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: 350

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

By: 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: 321

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

By: 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: 273

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

By: 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: 266

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

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

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

Research Fields: CHEMISTRY

Times Cited: 237

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

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

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

Research Fields: CHEMISTRY

Times Cited: 227

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

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

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

Research Fields: CHEMISTRY

Times Cited: 211

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

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

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

Research Fields: PHYSICS

Times Cited: 211

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

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

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

Research Fields: ENVIRONMENT/ECOLOGY

Times Cited: 191

14 Iridium(III) complex-coated nanosystem for ratiometric upconversion luminescence bioimaging of cyanide anions

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

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

Research Fields: CHEMISTRY

Times Cited: 190

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

By: 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;

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

Research Fields: PLANT & ANIMAL SCIENCE

Times Cited: 187

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

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

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Collapse

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

Research Fields: CHEMISTRY

Times Cited: 182

17 REMOVAL OF METHYLENE BLUE FROM AQUEOUS SOLUTION BY GRAPHENE OXIDE

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

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

Research Fields: CHEMISTRY

Times Cited: 175

18 MICROWAVE-ASSISTED SYNTHESIS OF A CO₃O₄-GRAPHENE SHEET-ON-SHEET NANOCOMPOSITE AS A SUPERIOR ANODE MATERIAL FOR LI-ION BATTERIES

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

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

Research Fields: MATERIALS SCIENCE

Times Cited: 169

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

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

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

Research Fields: PHYSICS

Times Cited: 168

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

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

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

Research Fields: CHEMISTRY

Times Cited: 167

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

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

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

Research Fields: BIOLOGY & BIOCHEMISTRY

Times Cited: 167

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

By: LI, CJ; XU, QQ; LI, J; et.alLI, CJ; XU, QQ; LI, J; YAO, FN; JIA, XS; Collapse

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

Research Fields: BIOLOGY & BIOCHEMISTRY

Times Cited: 167

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

By: LI, XX; DUAN, XP; JIANG, HX; et.alLI, 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

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

Research Fields: PLANT & ANIMAL SCIENCE

Times Cited: 165

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

By: 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

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

Research Fields: MATERIALS SCIENCE

Times Cited: 163

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

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

Research Fields: ENGINEERING

Times Cited: 160

26 CARBON QUANTUM DOTS FOR OPTICAL BIOIMAGING

By: 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

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

Research Fields: MATERIALS SCIENCE

Times Cited: 160

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

By: FENG, GR; HUANG, GB; LIN, QP; et.alFENG, GR; HUANG, GB; LIN, QP; GAY, R; Collapse

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

Research Fields: ENGINEERING

Times Cited: 148

28 SIMULATION STUDY ON THE INFLUENCES OF THE BONDING PARAMETERS ON THE WARPAGE OF CHIP-ON-GLASS MODULE WITH NONCONDUCTIVE FILM

By: ZHANG, JH; YUAN, F; ZHANG, JS; ZHANG, JH; YUAN, F; ZHANG, JS; Collapse

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

Research Fields: ENGINEERING

Times Cited: 142

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

By: 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

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

Research Fields: MATERIALS SCIENCE

Times Cited: 141

30 INFERRING GENE REGULATORY NETWORKS FROM MULTIPLE MICROARRAY DATASETS

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

Research Fields: COMPUTER SCIENCE

Times Cited: 140

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

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

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

Research Fields: MATERIALS SCIENCE

Times Cited: 135

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

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

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

Research Fields: PHYSICS

Times Cited: 133

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

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

Research Fields: ENGINEERING

Times Cited: 131

34 SYNCHRONIZATION IN GENERAL COMPLEX DELAYED DYNAMICAL NETWORKS

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

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

Research Fields: ENGINEERING

Times Cited: 130

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

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

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

Research Fields: BIOLOGY & BIOCHEMISTRY

Times Cited: 122

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

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

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

Research Fields: CHEMISTRY

Times Cited: 121

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

By: 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

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Source: NAT COMMUN 4: - OCT 2013

Research Fields: PHYSICS

Times Cited: 120

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

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

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

Research Fields: CHEMISTRY

Times Cited: 118

39 ENHANCED CAPACITIVE DEIONIZATION PERFORMANCE OF GRAPHENE/CARBON NANOTUBE COMPOSITES

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

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

Research Fields: MATERIALS SCIENCE

Times Cited: 113

40 CATALYTIC APPLICATIONS OF LAYERED DOUBLE HYDROXIDES AND DERIVATIVES

By: XU, ZP; ZHANG, J; ADEBAJO, MO; et.alXU, ZP; ZHANG, J; ADEBAJO, MO; ZHANG, H; ZHOU, CH; Collapse

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

Research Fields: GEOSCIENCES

Times Cited: 113

41 REMARKS ON FRACTIONAL DERIVATIVES

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

Research Fields: MATHEMATICS

Times Cited: 112

42 PREDICTING FUNCTIONS OF PROTEINS IN MOUSE BASED ON WEIGHTED PROTEIN-PROTEIN INTERACTION NETWORK AND PROTEIN HYBRID PROPERTIES

By: HU, LL; HUANG, T; SHI, XH; et.alHU, LL; HUANG, T; SHI, XH; LU, WC; CAI, YD; CHOU, KC; Collapse

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Source: PLOS ONE 6 (1): - JAN 19 2011

Research Fields: BIOLOGY & BIOCHEMISTRY

Times Cited: 110

43 SUPERCAPACITOR PERFORMANCES OF THERMALLY REDUCED GRAPHENE OXIDE

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

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

Research Fields: ENGINEERING

Times Cited: 109

44 STABILITY ANALYSIS FOR SOLITONS IN PT-SYMMETRIC OPTICAL LATTICES

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

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

Research Fields: PHYSICS

Times Cited: 107

45 SHORTCUTS TO ADIABATICITY

By: 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

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

Research Fields: PHYSICS

Times Cited: 105

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

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

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

Research Fields: PHYSICS

Times Cited: 102

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

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

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

Research Fields: CHEMISTRY

Times Cited: 97

48 SHAPE-CONTROLLED SYNTHESIS AND CATALYTIC APPLICATION OF CERIA NANOMATERIALS

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

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

Research Fields: CHEMISTRY

Times Cited: 97

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

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

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

Research Fields: ENGINEERING

Times Cited: 96

50 FE2O3-GRAPHENE RICE-ON-SHEET NANOCOMPOSITE FOR HIGH AND FAST LITHIUM ION STORAGE

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

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

Research Fields: PHYSICS

Times Cited: 95

51 RELATIONSHIP BETWEEN COOPERATION NETWORKS AND INNOVATION PERFORMANCE OF SMES

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

Research Fields: ENGINEERING

Times Cited: 93

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

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

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

Research Fields: BIOLOGY & BIOCHEMISTRY

Times Cited: 90

53 ENHANCED CAPACITIVE DEIONIZATION OF GRAPHENE/MESOPOROUS CARBON COMPOSITES

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

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

Research Fields: PHYSICS

Times Cited: 85

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

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

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

Research Fields: BIOLOGY & BIOCHEMISTRY

Times Cited: 84

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

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

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

Research Fields: PHYSICS

Times Cited: 74

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

By: LI, CJ; LI, CJ; Collapse

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

Research Fields: CHEMISTRY

Times Cited: 73

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

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

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

Research Fields: MATERIALS SCIENCE

Times Cited: 73

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

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

Research Fields: MATHEMATICS

Times Cited: 67

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

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

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

Research Fields: MATERIALS SCIENCE

Times Cited: 67

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

By: WEN, XR; ZHANG, DS; YAN, TT; et.alWEN, XR; ZHANG, DS; YAN, TT; ZHANG, JP; SHI, LY; Collapse

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

Research Fields: MATERIALS SCIENCE

Times Cited: 67

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

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

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

Research Fields: PHYSICS

Times Cited: 62

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

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

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

Research Fields: CHEMISTRY

Times Cited: 61

68 AN EFFECTIVE CU SIZE DECISION METHOD FOR HEVC ENCODERS

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

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Collapse

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

Research Fields: COMPUTER SCIENCE

Times Cited: 60

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

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

Research Fields: ENGINEERING

Times Cited: 57

70 A SYSTEM OF REAL QUATERNION MATRIX EQUATIONS WITH APPLICATIONS

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

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

Research Fields: MATHEMATICS

Times Cited: 56

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

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

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Source: PHYS REV LETT 112 (11): - MAR 18 2014

Research Fields: PHYSICS

Times Cited: 56

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

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

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

Research Fields: ENVIRONMENT/ECOLOGY

Times Cited: 55

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

By: ZHAO, HB; PAN, LY; XING, SY; et.alZHAO, HB; PAN, LY; XING, SY; LUO, J; XU, JQ; Collapse

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

Research Fields: ENGINEERING

Times Cited: 52

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

By: 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

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Source: ENVIRON INT 54: 100-111 APR 2013

Research Fields: ENVIRONMENT/ECOLOGY

Times Cited: 48

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

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

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

Research Fields: ENGINEERING

Times Cited: 48

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

By: CHEN, SQ; WANG, Y; AHN, H; et.alCHEN, SQ; WANG, Y; AHN, H; WANG, GX; Collapse

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

Research Fields: ENGINEERING

Times Cited: 45

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

By: ZHANG, LW; DENG, YJ; LIEW, KM; ZHANG, LW; DENG, YJ; LIEW, KM; Collapse

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Source: ENG ANAL BOUND ELEM 40: 181-188 MAR 2014

Research Fields: ENGINEERING

Times Cited: 45

78 IDENTIFYING DISEASE GENES AND MODULE BIOMARKERS BY DIFFERENTIAL INTERACTIONS

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Source: J AMER MED INFORM ASSOC 19 (2): 241-248 MAR 2012

Research Fields: SOCIAL SCIENCES, GENERAL

Times Cited: 43

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

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Source: IEEE TRANS CONSUM ELECTRON 59 (1): 207-213 FEB 2013

Research Fields: ENGINEERING

Times Cited: 40

80 GRAPHENE-BASED NANOCOMPOSITE ANODES FOR LITHIUM-ION BATTERIES

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Source: NANOSCALE 6 (20): 11528-11552 2014

Research Fields: PHYSICS

Times Cited: 37

81 SPECTRAL APPROXIMATIONS TO THE FRACTIONAL INTEGRAL AND DERIVATIVE

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Source: FRACT CALC APPL ANAL 15 (3): 383-406 SEP 2012

Research Fields: MATHEMATICS

Times Cited: 36

82 FAST, ROBUST AND ACCURATE DIGITAL IMAGE CORRELATION CALCULATION WITHOUT

REDUNDANT COMPUTATIONS

By: PAN, B; LI, K; TONG, W; PAN, B; LI, K; TONG, W; Collapse

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Collapse

Source: EXP MECH 53 (7): 1277-1289 SEP 2013

Research Fields: ENGINEERING

Times Cited: 34

83 FINITE DIFFERENCE METHODS FOR FRACTIONAL DIFFERENTIAL EQUATIONS

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

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

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Collapse

Source: INT J BIFURCATION CHAOS 22 (4): - APR 2012

Research Fields: MATHEMATICS

Times Cited: 34

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

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

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Collapse

Source: SIAM J SCI COMPUT 35 (6): A2976-A3000 2013

Research Fields: MATHEMATICS

Times Cited: 33

85 BIPHEN[N]ARENES

By: CHEN, HQ; FAN, JZ; HU, XS; et.al CHEN, HQ; FAN, JZ; HU, XS; MA, JW; WANG, SL; LI, J; YU, YH; JIA, XS; LI, CJ; Collapse

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Source: CHEM SCI 6 (1): 197-202 2015

Research Fields: CHEMISTRY

Times Cited: 33

86 SPACETIME SYMMETRIES OF THE QUANTUM HALL EFFECT

By: GERACIE, M; SON, DT; WU, CL; et.al GERACIE, M; SON, DT; WU, CL; WU, SF; Collapse

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Collapse

Source: PHYS REV D 91 (4): - FEB 23 2015

Research Fields: PHYSICS

Times Cited: 28

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

By: ZHAO, HB; PENG, ZH; WANG, WJ; et.al ZHAO, HB; PENG, ZH; WANG, WJ; CHEN, XK; FANG,

JH; XU, JQ; Collapse

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Collapse

Source: J POWER SOURCES 245: 529-536 JAN 1 2014

Research Fields: ENGINEERING

Times Cited: 26

88 A COLOUR-TUNABLE, WEAVABLE FIBRE-SHAPED POLYMER LIGHT-EMITTING ELECTROCHEMICAL CELL

By: 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

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Collapse

Source: NAT PHOTONICS 9 (4): 233-238 APR 2015

Research Fields: PHYSICS

Times Cited: 25

89 HIGHER ORDER FINITE DIFFERENCE METHOD FOR THE REACTION AND ANOMALOUS-DIFFUSION EQUATION

By: LI, CP; DING, HF; LI, CP; DING, HF; Collapse

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Collapse

Source: APPL MATH MODEL 38 (15-16): 3802-3821 SP. ISS. SI AUG 1 2014

Research Fields: ENGINEERING

Times Cited: 22

90 ANALYZING THREE-DIMENSIONAL VISCOELASTICITY PROBLEMS VIA THE IMPROVED ELEMENT-FREE GALERKIN (IEFG) METHOD

By: PENG, MJ; LI, RX; CHENG, YM; PENG, MJ; LI, RX; CHENG, YM; Collapse

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Collapse

Source: ENG ANAL BOUND ELEM 40: 104-113 MAR 2014

Research Fields: ENGINEERING

Times Cited: 22

91 SALIENCY TREE: A NOVEL SALIENCY DETECTION FRAMEWORK

By: LIU, Z; ZOU, WB; LE MEUR, O; LIU, Z; ZOU, WB; LE MEUR, O; Collapse

Addresses : SHANGHAI UNIV, SCH COMMUN & INFORMAT ENGN, SHANGHAI 200444, PEOPLES R CHINA;INST RECH INFORMAT & SYST ALEATOIRES, F-35042 RENNES, FRANCE;SHENZHEN UNIV, COLL INFORMAT ENGN, SHENZHEN 518060, PEOPLES R CHINA;EUROPEAN UNIV BRITTANY, NATL INST APPL SCI RENNES, F-35708 RENNES, FRANCE;UNIV RENNES 1, F-35042 RENNES, FRANCE;

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Collapse

Source: IEEE TRANS IMAGE PROCESSING 23 (5): 1937-1952 MAY 2014

Research Fields: ENGINEERING

Times Cited: 20

92 LI₂ZRO₃-COATED 0.4LI₂MNO₃CENTER DOT 0.6LNI_{1/3}CO_{1/3}MN_{1/3}O₂ FOR HIGH PERFORMANCE CATHODE MATERIAL IN LITHIUM-ION BATTERY

By: MIAO, XW; NI, H; ZHANG, H; et.alMIAO, XW; NI, H; ZHANG, H; WANG, CG; FANG, JH; YANG, G; Collapse

Addresses : CHANGSHU INST TECHNOL, JIANGSU LAB ADV FUNCT MAT, CHANGSHU 215500, PEOPLES R CHINA;SHANGHAI UNIV, DEPT CHEMISHY, SHANGHAI 200444, PEOPLES R CHINA;

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Collapse

Source: J POWER SOURCES 264: 147-154 OCT 15 2014

Research Fields: ENGINEERING

Times Cited: 20

93 AN IMPROVED COMPLEX VARIABLE ELEMENT-FREE GALERKIN METHOD FOR TWO-DIMENSIONAL LARGE DEFORMATION ELASTOPLASTICITY PROBLEMS

By: LI, DM; LIEW, KM; CHENG, YM; LI, DM; LIEW, KM; CHENG, YM; Collapse

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Collapse

Source: COMPUT METHOD APPL MECH ENG 269: 72-86 FEB 1 2014

Research Fields: COMPUTER SCIENCE

Times Cited: 19

94 A REAL QUATERNION MATRIX EQUATION WITH APPLICATIONS

By: 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: 18

95 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

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

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Collapse

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

Research Fields: CHEMISTRY

Times Cited: 18

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

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

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Collapse

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

Research Fields: MATERIALS SCIENCE

Times Cited: 17

97 THE FINITE DIFFERENCE METHODS FOR FRACTIONAL ORDINARY DIFFERENTIAL EQUATIONS

By: 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: 17

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

By: 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;

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Collapse

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

Research Fields: CHEMISTRY

Times Cited: 17

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

By: ZENG, FH; LIU, FW; LI, CP; et.alZENG, 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;

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Collapse

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

Research Fields: MATHEMATICS

Times Cited: 17

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

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

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

Research Fields: CHEMISTRY

Times Cited: 16

101 AQUEOUS POLYMERIZATION-INDUCED SELF-ASSEMBLY FOR THE SYNTHESIS OF KETONE-FUNCTIONALIZED NANO-OBJECTS WITH LOW POLYDISPERSITY

By: ZHOU, W; QU, QW; XU, YY; et.alZHOU, W; QU, QW; XU, YY; AN, ZS; Collapse

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Collapse

Source: ACS MACRO LETT 4 (5): 495-499 MAY 2015

Research Fields: CHEMISTRY

Times Cited: 16

102 HIERARCHICAL ATTRIBUTE REDUCTION ALGORITHMS FOR BIG DATA USING MAPREDUCE

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

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

Research Fields: COMPUTER SCIENCE

Times Cited: 12

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

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

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

Research Fields: MATHEMATICS

Times Cited: 11

104 THE IMPROVED COMPLEX VARIABLE ELEMENT-FREE GALERKIN METHOD FOR TWO-DIMENSIONAL SCHRÖDINGER EQUATION

By: ZHANG, LW; DENG, YJ; LIEW, KM; et.alZHANG, LW; DENG, YJ; LIEW, KM; CHENG, YM; Collapse

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SHANGHAI OCEAN UNIV, COLL INFORMAT TECHNOL, SHANGHAI 201306, PEOPLES R CHINA;CITY UNIV HONG KONG, DEPT ARCHITECTURE & CIVIL ENGN, KOWLOON, HONG KONG, PEOPLES R CHINA;SHANGHAI UNIV, SHANGHAI INST APPL MATH & MECH, SHANGHAI 200072, PEOPLES R CHINA;

Collapse

Source: COMPUT MATH APPL 68 (10): 1093-1106 NOV 2014

Research Fields: MATHEMATICS

Times Cited: 10

105 ENHANCED PARAMAGNETIC CU²⁺ IONS REMOVAL BY COUPLING A WEAK MAGNETIC FIELD WITH ZERO VALENT IRON

By: 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

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Collapse

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

Research Fields: ENGINEERING

Times Cited: 10

106 THE GENERAL SOLUTIONS TO SOME SYSTEMS OF MATRIX EQUATIONS

By: HE, ZH; WANG, QW; HE, ZH; WANG, QW; Collapse

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

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

Collapse

Source: LINEAR MULTILINEAR ALGEBRA 63 (10): 2017-2032 SP. ISS. SI OCT 3 2015

Research Fields: MATHEMATICS

Times Cited: 4

3 全校 ESI 热点论文

1 ADAPTIVE INTER-MODE DECISION FOR HEVC JOINTLY UTILIZING INTER-LEVEL AND SPATIOTEMPORAL CORRELATIONS

By: SHEN, LQ; ZHANG, ZY; LIU, Z; SHEN, LQ; ZHANG, ZY; LIU, Z; Collapse

Addresses : SHANGHAI UNIV, MINIST EDUC, KEY LAB ADV DISPLAY & SYST APPLICAT, SHANGHAI 200072, PEOPLES R CHINA; SHANGHAI UNIV, SCH COMMUN & INFORMAT ENGN, SHANGHAI 200444, PEOPLES R CHINA; IRISA INRIA RENNES, F-35042 RENNES, FRANCE;

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Collapse

Source: IEEE TRANS CIRC SYST VIDEO T 24 (10): 1709-1722 OCT 2014

Research Fields: ENGINEERING

Times Cited: 18

2 THIN-FILM PREPARATION AND CHARACTERIZATION OF CS3SB219: A LEAD-FREE LAYERED PEROVSKITE SEMICONDUCTOR

By: SAPAROV, B; HONG, F; SUN, JP; et.al SAPAROV, B; HONG, F; SUN, JP; DUAN, HS; MENG, WW; CAMERON, S; HILL, IG; YAN, YF; MITZI, DB; Collapse

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Source: CHEM MATER 27 (16): 5622-5632 AUG 25 2015

Research Fields: MATERIALS SCIENCE

Times Cited: 12

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

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

Research Fields: MATHEMATICS

Times Cited: 11

4 PERFORMANCE DEMONSTRATION AND EVALUATION OF THE SYNERGETIC APPLICATION OF VANADIUM DIOXIDE GLAZING AND PHASE CHANGE MATERIAL IN PASSIVE BUILDINGS

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Source: APPL ENERG 136: 89-97 DEC 31 2014

Research Fields: ENGINEERING

Times Cited: 9