

上海大学 ESI 高被引论文通告（第 11 期）

上海大学情报研究所 上海大学图书馆

二零一五年十月十四日

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	2015 年 9 月 19 日	2015 年 9 月 19 日
检索词	Institution=Shanghai Univ	Institution=Shanghai Univ
检索结果	106 篇	4 篇

根据 ESI 数据库 2015 年 9 月 1 日更新数据,上海大学高被引论文篇数为 106 篇。与 2015 年 5 月 1 日更新数据相比,新进库论文 19 篇,见“3 全校 ESI 高被引论文详情”的红色字体内容。

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1 上海大学 ESI 高被引论文概况

1.1 发表年份分布

年份	2005	2006	2007	2009	2010	2011	2012	2013	2014	2015
篇数	2	5	5	10	13	15	17	20	12	7
第一作者(篇)	2	2	3	8	8	8	12	14	7	4
通讯作者(篇)	2	1	3	8	8	7	11	15	7	3
第一作者及通讯作者合计(篇)	2	2	3	8	8	8	12	15	7	4

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”一列中空白表示第一作者所署地址不是上海大学，“通讯作者”一列中空白表示通讯作者所署地址不是上海大学。

院系所名称	篇数	出版年	第一作者	通讯作者	期刊名	影响因子及分区(当年)
理学院数学系 (Dept Math)	14	2005	Wang QW	Wang QW	COMPUT MATH APPL	--
		2009	Wang QW	Wang QW	LINEAR ALGEBRA APPL	1.073/Q2
		2009	Wang QW	Wang QW	LINEAR ALGEBRA APPL	1.073/Q2
		2013	He ZH	Wang QW	LINEAR MULTILINEAR A	0.700/Q2
		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
		2005	Deng WH	Li CP	PHYSICA A	--
		2007	Deng WH	Li CP	NONLINEAR DYNAM	--
		2007	Deng WH	Deng WH	J COMPUT APPL MATH	--
		2009	Li CP	Li CP	COMPUT MATH APPL	1.192/Q1
		2013	Zeng FH	Li CP	SIAM J SCI COMPUT	1.940/Q1
理学院化学系 (Dept Chem)	14	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
		2012	Li CJ	Li CJ	ORG LETT	6.142/Q1
		2013	Li CJ	Li CJ	CHEM COMMUN	6.718/Q1
		2013	Wang XY	Jia XS	POLYM CHEM-UK	5.368/Q1
		2009	Zhang Y	Xu JQ	J PHYS CHEM C	4.224/Q1
		2012	Du XJ	Zhang DS	J PHYS CHEM C	4.814/Q1
		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
		2015	Wang SL		CHEM COMMUN	6.834/Q1
环境与化学工程学院	10	2012	Shu XY		CHEM COMMUN	6.378/Q1

(Environm & Chem Engn)		2011	Zou YQ	Wang Y	NANOSCALE	5.914/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
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)		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
	9	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
	2015	Liu JH	Liu JH	TOXICOL RES-UK	3.983/Q1	
理学院/系统生物技术研究所 (Inst Syst Biol)	4	2011	Hu LL	Hu LL	PLOS ONE	4.092/Q1
		2013	Tu YS	Tu YS	NAT NANOTECHNOL	33.265/Q1
		2012	Liu XP	Zhao XM	J AM MED INFORM ASSN	3.571/Q1
		2013		Cai YD	CURR BIOINFORM	1.726/Q3
纳米中心(Res Ctr Nano Sci & Technol)	9	2012	Du XJ	Zhang DS	J PHYS CHEM C	4.814/Q1
		2013	Wen XR	Zhang DS	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
		2014	Cai SX	Zhang DS	CATAL SCI TECHNOL	5.426/Q1
	2014	Cai SX	Zhang DS	NANOSCALE	7.394/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)	4	2011	Yang WG		CHEM COMMUN	6.169/Q1
		2014	Wang H	Zhang DS	J MATER CHEM A	7.443/Q1
		2014	Cai SX	Zhang DS	CATAL SCI TECHNOL	5.426/Q1
		2014	Cai SX	Zhang DS	NANOSCALE	7.394/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)	2	2009	Zhang JH	Zhang JH	J ELECTRON PACKAGING	0.781/Q2
		2013	Shen LQ	Shen LQ	IEEE T MULTIMEDIA	1.776/Q1
机电工程与自动化学 院(Sch Mech Engn & Automat)	1	2013	Peng C	Peng C	AUTOMATICA	3.132/Q1
环境与化学工程学院/ 环境污染与健康研究所(Inst Environm Pollut & Hlth)	2	2009	Jiang YF	Wang XT	J HAZARD MATER	4.144/Q1
		2013	Wang XT	Wang XT	SCI TOTAL ENVIRON	3.163/Q1
理学院物理系 (Dept Phys)	2	2010	Chen X	Chen X	PHYS REV LETT	7.622/Q1
		2015	Gao LP	Xu JQ	SENSOR ACTUAT B-CHEM	4.097/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/生物传感实验室(Lab Biosensing Technol)	1	2011	Zhao J	Li GX	ELECTROCHEM COMMUN	4.859/Q1
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	9	ELECTROCHEM COMMUN	4.847/Q1	1
PLOS ONE	3.234/Q1	6	ENVIRON SCI TECHNOL	5.33/Q1	1
J AM CHEM SOC	12.113/Q1	5	EXP MECH	1.548/Q1	1
J POWER SOURCES	6.217/Q1	5	FRACT CALC APPL ANAL	2.245/Q1	1
J MATER CHEM	--	4	IEEE T MULTIMEDIA	2.303/Q1	1
NANOSCALE	7.394/Q1	4	IEEE T NEURAL NETWORK	--	1
COMPUT MATH APPL	1.697/Q1	3	INT J BIFURCAT CHAOS	1.078/Q2	1
J PHYS CHEM C	4.772/Q1	3	J AM MED INFORM ASSN	3.504/Q1	1
ADV MATER	17.493/Q1	2	J COMPUT APPL MATH	1.266/Q1	1
ENG ANAL BOUND ELEM	1.392/Q2	2	J ELECTRON PACKAGING	0.856/Q3	1
IEEE T CIRCUITS-I	2.403/Q1	2	J MATER CHEM B	4.726/Q1	1
J COLLOID INTERF SCI	3.368/Q2	2	LINEAR MULTILINEAR A	0.738/Q2	1
J HAZARD MATER	4.529/Q1	2	MOL BIOSYST	3.21/Q2	1
J MATER CHEM A	7.443/Q1	2	NAT MATER	36.503/Q1	1
LINEAR ALGEBRA APPL	0.939/Q1	2	NAT NANOTECHNOL	34.048/Q1	1
NAT COMMUN	11.47/Q1	2	NONLINEAR DYNAM	2.849/Q1	1
PHYS REV LETT	7.512/Q1	2	NUMER FUNC ANAL OPT	0.591/Q3	1
ACS APPL MATER INTER	6.723/Q1	1	OPT LASER ENG	2.237/Q1	1
ACS NANO	12.881/Q1	1	ORG BIOMOL CHEM	3.562/Q1	1
ADV ATOM MOL OPT PHY	5.875/Q1	1	ORG LETT	6.364/Q1	1
APPL CLAY SCI	2.467/Q1	1	PHYS REV A	2.808/Q1	1
APPL MATH COMPUT	1.551/Q1	1	PHYS REV D	4.643/Q1	1
AUTOMATICA	3.02/Q1	1	PHYSICA A	1.732/Q2	1
BIOINFORMATICS	4.981/Q1	1	PLANT CELL	9.338/Q1	1
BIOSENS BIOELECTRON	6.409/Q1	1	PLANT PHYSIOL	6.841/Q1	1
BMC BIOINFORMATICS	2.576/Q1	1	POLYM CHEM-UK	5.52/Q1	1
CARBON	6.196/Q1	1	SCI TOTAL ENVIRON	4.099/Q1	1
CATAL SCI TECHNOL	5.426/Q1	1	SENSOR ACTUAT B-CHEM	4.097/Q1	1
CHEM MATER	8.354/Q1	1	SIAM J SCI COMPUT	1.854/Q1	1
CHEM SCI	9.211/Q1	1	SMALL	8.368/Q1	1
COMPUT METHOD APPL M	2.959/Q1	1	TECHNOVATION	2.526/Q1	1
CURR BIOINFORM	0.921/Q3	1	TOXICOL LETT	3.262/Q1	1
DALTON T	4.197/Q1	1	TOXICOL RES-UK	3.983/Q1	1

注：上表的影响因子及分区为 2014 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 9 篇，只刊有 1 篇的占了总数的 74%左右。

2 全校 ESI 热点论文

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

Authous: TU, YS; LV, M; XIU, P; HUYNH, T; ZHANG, M; CASTELLI, M; LIU, ZR; HUANG, Q; FAN, CH; FANG, HP; ZHOU, RH;

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;

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

Research Fields: MATERIALS SCIENCE

Times Cited: 92

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

Authous:WANG, H; SHI, LY; YAN, TT; ZHANG, JP; ZHONG, QD; ZHANG, DS;

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;

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

Research Fields: MATERIALS SCIENCE

Times Cited: 40

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

Authous: ZHANG, LW; DENG, YJ; LIEW, KM; ZHANG, LW; DENG, YJ; LIEW, KM;

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;

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

Research Fields: ENGINEERING

Times Cited: 28

4 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

Authous: TANG, XY; ZHANG, YS; HE, L; WEI, Y; SHI, M;

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;
Source: CHEM COMMUN 51 (1): 133-136 2015
Research Fields: CHEMISTRY
Times Cited: 10

3 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; WU, MH;

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;

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

Research Fields: MATERIALS SCIENCE

Times Cited: 557

2 LI STORAGE PROPERTIES OF DISORDERED GRAPHENE NANOSHEETS

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

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;

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

Research Fields: MATERIALS SCIENCE

Times Cited: 368

3 CARBON DOTS FOR OPTICAL IMAGING IN VIVO

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

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;

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;

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

Research Fields: CHEMISTRY

Times Cited: 345

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

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

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;

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;

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

Research Fields: MATERIALS SCIENCE

Times Cited: 327

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

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

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;

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

Research Fields: CHEMISTRY

Times Cited: 291

6 IN VITRO TOXICITY EVALUATION OF GRAPHENE OXIDE ON A549 CELLS

Authors: CHANG, YL; YANG, ST; LIU, JH; DONG, E; WANG, YW; CAO, AN; LIU, YF; WANG, HF;
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ENGN, BEIJING 100871, PEOPLES R CHINA;

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

Research Fields: PHARMACOLOGY & TOXICOLOGY

Times Cited: 278

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

Authors: WEN, YQ; XING, FF; HE, SJ; SONG, SP; WANG, LH; LONG, YT; LI, D; FAN, CH;
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Source: CHEM COMMUN 46 (15): 2596-2598 2010

Research Fields: CHEMISTRY

Times Cited: 211

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

Authors: YANG, ST; WANG, X; WANG, HF; LU, FS; LUO, PJG; CAO, L; MEZIANI, MJ; LIU, JH;
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Source: J PHYS CHEM C 113 (42): 18110-18114 OCT 22 2009

Research Fields: PHYSICS

Times Cited: 208

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

Authors: LOVELL, JF; JIN, CS; HUYNH, E; JIN, HL; KIM, C; RUBINSTEIN, JL; CHAN, WCW; CAO,
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Source: NAT MATER 10 (4): 324-332 APR 2011

Research Fields: MATERIALS SCIENCE

Times Cited: 192

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

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

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

Research Fields: ENVIRONMENT/ECOLOGY

Times Cited: 178

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

Authors: ZHANG, Y; XU, JQ; XIANG, Q; LI, H; PAN, QY; XU, PC;

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

Research Fields: PHYSICS

Times Cited: 178

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

Authors: LI, N; ZHANG, DS; LIU, HS; YIN, CS; LI, XX; LIANG, WQ; YUAN, Z; XU, B; CHU, HW; WANG, J; WEN, TQ; HUANG, H; LUO, D; MA, H; ZHANG, DB;

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

Research Fields: PLANT & ANIMAL SCIENCE

Times Cited: 169

13 CHAOS SYNCHRONIZATION OF THE FRACTIONAL LU SYSTEM

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Source: PHYSICA A 353: 61-72 AUG 1 2005

Research Fields: PHYSICS

Times Cited: 169

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

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

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

Research Fields: CHEMISTRY

Times Cited: 164

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

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

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

Research Fields: BIOLOGY & BIOCHEMISTRY

Times Cited: 155

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

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

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

Research Fields: CHEMISTRY

Times Cited: 151

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

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

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

Research Fields: CHEMISTRY

Times Cited: 150

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

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

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

Research Fields: BIOLOGY & BIOCHEMISTRY

Times Cited: 150

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

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

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

Research Fields: MATERIALS SCIENCE

Times Cited: 149

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

Authors: LIU, RL; WU, DQ; FENG, XL; MULLEN, K;

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

Research Fields: CHEMISTRY

Times Cited: 149

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

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

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

Research Fields: CHEMISTRY

Times Cited: 148

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

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

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

Research Fields: PLANT & ANIMAL SCIENCE

Times Cited: 146

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

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

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

Research Fields: ENGINEERING

Times Cited: 140

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

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

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

Research Fields: PHYSICS

Times Cited: 134

25 REMOVAL OF METHYLENE BLUE FROM AQUEOUS SOLUTION BY GRAPHENE OXIDE

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

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

Research Fields: CHEMISTRY

Times Cited: 133

26 INFERRING GENE REGULATORY NETWORKS FROM MULTIPLE MICROARRAY DATASETS

Authors: WANG, Y; JOSHI, T; ZHANG, XS; XU, D; CHEN, LN;

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

Research Fields: COMPUTER SCIENCE

Times Cited: 131

27 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;

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

Research Fields: ENGINEERING

Times Cited: 125

28 SYNCHRONIZATION IN GENERAL COMPLEX DELAYED DYNAMICAL NETWORKS

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

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

Research Fields: ENGINEERING

Times Cited: 123

29 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;

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

Research Fields: ENGINEERING

Times Cited: 121

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

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

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

Research Fields: BIOLOGY & BIOCHEMISTRY

Times Cited: 121

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

Authors: FENG, GR; HUANG, GB; LIN, QP; GAY, R;

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

Research Fields: ENGINEERING

Times Cited: 114

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

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

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

Research Fields: PHYSICS

Times Cited: 110

33 A FACILE SYNTHESIS OF ANATASE TiO₂ NANOSHEETS-BASED HIERARCHICAL SPHERES WITH OVER 90% {001} FACETS FOR DYE-SENSITIZED SOLAR CELLS

Authors: YANG, WG; LI, JM; WANG, YL; ZHU, F; SHI, WM; WAN, FR; XU, DS;

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Source: CHEM COMMUN 47 (6): 1809-1811 2011

Research Fields: CHEMISTRY

Times Cited: 104

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

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

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

Research Fields: MATERIALS SCIENCE

Times Cited: 103

35 CARBON QUANTUM DOTS FOR OPTICAL BIOIMAGING

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

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

Research Fields: MATERIALS SCIENCE

Times Cited: 103

36 GRAPHENE QUANTUM DOTS-BASED PLATFORM FOR THE FABRICATION OF ELECTROCHEMICAL BIOSENSORS

Authors: ZHAO, J; CHEN, GF; ZHU, L; LI, GX;

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Source: ELECTROCHEM COMMUN 13 (1): 31-33 JAN 2011

Research Fields: CHEMISTRY

Times Cited: 99

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

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

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

Research Fields: CHEMISTRY

Times Cited: 99

38 HIGH-EFFICIENCY UPCONVERSION LUMINESCENT SENSING AND BIOIMAGING OF HG(II) BY CHROMOPHORIC RUTHENIUM COMPLEX-ASSEMBLED NANOPHOSPHORS

Authors: LIU, Q; PENG, JJ; SUN, LN; LI, FY;

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Source: ACS NANO 5 (10): 8040-8048 OCT 2011

Research Fields: CHEMISTRY

Times Cited: 97

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

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

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

Research Fields: BIOLOGY & BIOCHEMISTRY

Times Cited: 97

40 REMARKS ON FRACTIONAL DERIVATIVES

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

Research Fields: MATHEMATICS

Times Cited: 96

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

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

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

Research Fields: MATERIALS SCIENCE

Times Cited: 94

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

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

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

Research Fields: CHEMISTRY

Times Cited: 92

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

Authors: HU, LL; HUANG, T; SHI, XH; LU, WC; CAI, YD; CHOU, KC;

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

Research Fields: BIOLOGY & BIOCHEMISTRY

Times Cited: 92

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

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

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

Research Fields: MATERIALS SCIENCE

Times Cited: 92

45 CATALYTIC APPLICATIONS OF LAYERED DOUBLE HYDROXIDES AND DERIVATIVES

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

Research Fields: GEOSCIENCES

Times Cited: 90

46 STABILITY ANALYSIS FOR SOLITONS IN PT-SYMMETRIC OPTICAL LATTICES

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

Research Fields: PHYSICS

Times Cited: 87

47 ENHANCED CAPACITIVE DEIONIZATION PERFORMANCE OF GRAPHENE/CARBON NANOTUBE COMPOSITES

Authors: ZHANG, DS; YAN, TT; SHI, LY; PENG, Z; WEN, XR; ZHANG, JP;

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

Research Fields: MATERIALS SCIENCE

Times Cited: 85

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

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

Research Fields: ENGINEERING

Times Cited: 75

49 SHAPE-CONTROLLED SYNTHESIS AND CATALYTIC APPLICATION OF CERIA NANOMATERIALS

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

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

Research Fields: CHEMISTRY

Times Cited: 75

50 BISYMMETRIC AND CENTROSYMMETRIC SOLUTIONS TO SYSTEMS OF REAL QUATERNION MATRIX EQUATIONS

Authors: WANG, QW; WANG, QW;

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

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Source: COMPUT MATH APPL 49 (5-6): 641-650 APR-MAY 2005

Research Fields: MATHEMATICS

Times Cited: 73

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

Authors: CHEN, 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: 73

52 SUPERCAPACITOR PERFORMANCES OF THERMALLY REDUCED GRAPHENE OXIDE

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

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

Research Fields: ENGINEERING

Times Cited: 72

53 RELATIONSHIP BETWEEN COOPERATION NETWORKS AND INNOVATION PERFORMANCE OF SMES

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

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

Research Fields: ENGINEERING

Times Cited: 71

54 SYNTHESIS OF PILLAR[5]ARENE DIMERS AND THEIR COOPERATIVE BINDING TOWARD SOME NEUTRAL GUESTS

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

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Source: ORG LETT 14 (1): 42-45 JAN 6 2012

Research Fields: CHEMISTRY

Times Cited: 70

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

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

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

Research Fields: PHYSICS

Times Cited: 70

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

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

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

Research Fields: CHEMISTRY

Times Cited: 69

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

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

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

Research Fields: BIOLOGY & BIOCHEMISTRY

Times Cited: 68

58 SHORTCUTS TO ADIABATICITY

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

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

Research Fields: PHYSICS

Times Cited: 65

59 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;

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

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

Research Fields: MATHEMATICS

Times Cited: 64

60 ENHANCED CAPACITIVE DEIONIZATION OF GRAPHENE/MESOPOROUS CARBON COMPOSITES

Authors: ZHANG, 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: 60

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

Authors: QIU, 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;

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Source: NAT COMMUN 4: - OCT 2013

Research Fields: PHYSICS

Times Cited: 60

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

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

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

Research Fields: MATHEMATICS

Times Cited: 58

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: 57

64 APIS: ACCURATE PREDICTION OF HOT SPOTS IN PROTEIN INTERFACES BY COMBINING PROTRUSION INDEX WITH SOLVENT ACCESSIBILITY

Authors: XIA, JF; ZHAO, XM; SONG, JN; HUANG, DS;

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Source: BMC BIOINFORMATICS 11: - APR 8 2010

Research Fields: COMPUTER SCIENCE

Times Cited: 57

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

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

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

Research Fields: MATERIALS SCIENCE

Times Cited: 55

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

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

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

Research Fields: CHEMISTRY

Times Cited: 54

67 IN SITU SUPPORTED MNOX-CEOX ON CARBON NANOTUBES FOR THE LOW-TEMPERATURE

SELECTIVE CATALYTIC REDUCTION OF NO WITH NH₃

Authors: ZHANG, DS; ZHANG, L; SHI, LY; FANG, C; LI, HR; GAO, RH; HUANG, L; ZHANG, JP;
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Source: NANOSCALE 5 (3): 1127-1136 2013
Research Fields: PHYSICS
Times Cited: 47

68 A SYSTEM OF REAL QUATERNION MATRIX EQUATIONS WITH APPLICATIONS

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Source: LINEAR ALGEBRA APPL 431 (12): 2291-2303 DEC 1 2009
Research Fields: MATHEMATICS
Times Cited: 47

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

Authors: WEN, XR; ZHANG, DS; YAN, TT; ZHANG, JP; SHI, LY;
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Source: J MATER CHEM A 1 (39): 12334-12344 2013
Research Fields: MATERIALS SCIENCE
Times Cited: 45

70 A FAST DIGITAL IMAGE CORRELATION METHOD FOR DEFORMATION MEASUREMENT

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Source: OPT LASER ENG 49 (7): 841-847 JUL 2011
Research Fields: ENGINEERING
Times Cited: 45

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

Authors: LI, YB; ZHANG, HM; LIU, PR; WANG, D; LI, Y; ZHAO, HJ;
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Source: SMALL 9 (19): 3336-3344 OCT 11 2013
Research Fields: MATERIALS SCIENCE
Times Cited: 42

72 NUMERICAL ALGORITHM BASED ON ADOMIAN DECOMPOSITION FOR FRACTIONAL DIFFERENTIAL EQUATIONS

Authors: LI, CP; WANG, YH; LI, CP; WANG, YH;

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

Research Fields: MATHEMATICS

Times Cited: 41

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

Authors: WANG, H; SHI, LY; YAN, TT; ZHANG, JP; ZHONG, QD; ZHANG, DS;

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

Research Fields: MATERIALS SCIENCE

Times Cited: 40

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

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

Research Fields: ENGINEERING

Times Cited: 38

75 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; MA, J; XU, G; WANG, YL; WU, MH;

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

Research Fields: ENGINEERING

Times Cited: 36

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

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

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

Research Fields: ENGINEERING

Times Cited: 34

77 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; LI, YC; WU, MH; YU, G;

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

Research Fields: ENVIRONMENT/ECOLOGY

Times Cited: 32

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

Authors: LI, CJ; LI, CJ;

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

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

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

Research Fields: CHEMISTRY

Times Cited: 32

79 NEGATIVE POISSONS RATIO IN SINGLE-LAYER BLACK PHOSPHORUS

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

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Source: NAT COMMUN 5: - AUG 2014

Research Fields: PHYSICS

Times Cited: 31

80 AN EFFECTIVE CU SIZE DECISION METHOD FOR HEVC ENCODERS

Authors: SHEN, LQ; LIU, Z; ZHANG, XP; ZHAO, WQ; ZHANG, ZY;

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

Research Fields: COMPUTER SCIENCE

Times Cited: 30

81 IDENTIFYING DISEASE GENES AND MODULE BIOMARKERS BY DIFFERENTIAL INTERACTIONS

Authors: LIU, XP; LIU, ZP; ZHAO, XM; CHEN, LN;

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;

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

Research Fields: SOCIAL SCIENCES, GENERAL

Times Cited: 29

82 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;

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Source: ENG ANAL BOUND ELEM 40: 181-188 MAR 2014
Research Fields: ENGINEERING
Times Cited: 28

83 SPECTRAL APPROXIMATIONS TO THE FRACTIONAL INTEGRAL AND DERIVATIVE
Authors: LI, CP; ZENG, FH; LIU, FW; LI, CP; ZENG, FH; LIU, FW;
Addresses : SHANGHAI UNIV, DEPT MATH, SHANGHAI 200444, PEOPLES R CHINA;QUEENSLAND UNIV TECHNOL, SCH MATH SCI, BRISBANE, QLD 4001, AUSTRALIA;
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Source: FRACT CALC APPL ANAL 15 (3): 383-406 SEP 2012
Research Fields: MATHEMATICS
Times Cited: 25

84 FINITE DIFFERENCE METHODS FOR FRACTIONAL DIFFERENTIAL EQUATIONS
Authors: LI, CP; ZENG, FH; LI, CP; ZENG, FH;
Addresses : SHANGHAI UNIV, DEPT MATH, SHANGHAI 200444, PEOPLES R CHINA;
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Source: INT J BIFURCATION CHAOS 22 (4): - APR 2012
Research Fields: MATHEMATICS
Times Cited: 25

85 EVENT-TRIGGERED COMMUNICATION AND H-INFINITY CONTROL CO-DESIGN FOR NETWORKED CONTROL SYSTEMS
Authors: PENG, C; YANG, TC; PENG, C; YANG, TC;
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Source: AUTOMATICA 49 (5): 1326-1332 MAY 2013
Research Fields: ENGINEERING
Times Cited: 24

86 QUANTUM ANOMALOUS HALL EFFECT IN GRAPHENE PROXIMITY COUPLED TO AN ANTIFERROMAGNETIC INSULATOR
Authors: QIAO, ZH; REN, W; CHEN, H; BELLAICHE, L; ZHANG, ZY; MACDONALD, AH; NIU, Q;
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Source: PHYS REV LETT 112 (11): - MAR 18 2014
Research Fields: PHYSICS
Times Cited: 23

87 GRAPHENE WRAPPED SNCO NANOPARTICLES FOR HIGH-CAPACITY LITHIUM ION STORAGE
Authors: CHEN, P; GUO, L; WANG, Y; CHEN, P; GUO, L; WANG, Y;
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Source: J POWER SOURCES 222: 526-532 JAN 15 2013
Research Fields: ENGINEERING
Times Cited: 22

88 COMPARATIVE STUDY OF 3D ORDERED MACROPOROUS $\text{Ce}_0.75\text{Zr}_0.2\text{M}_0.05\text{O}_2$ -DELTA (M = FE, CU, MN, CO) FOR SELECTIVE CATALYTIC REDUCTION OF NO WITH NH_3
Authors: CAI, SX; ZHANG, DS; ZHANG, L; HUANG, L; LI, HR; GAO, RH; SHI, LY; ZHANG, JP;
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;
Source: CATAL SCI TECHNOL 4 (1): 93-101 2014
Research Fields: CHEMISTRY
Times Cited: 22

89 CU(II)-MEDIATED ORTHO C-H ALKYNYLATION OF (HETERO)ARENES WITH TERMINAL ALKYNES
Authors: SHANG, M; WANG, HL; SUN, SZ; DAI, HX; YU, JQ;
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Source: J AM CHEM SOC 136 (33): 11590-11593 AUG 20 2014
Research Fields: CHEMISTRY
Times Cited: 21

90 FAST, ROBUST AND ACCURATE DIGITAL IMAGE CORRELATION CALCULATION WITHOUT REDUNDANT COMPUTATIONS
Authors: PAN, B; LI, K; TONG, W; PAN, B; LI, K; TONG, W;
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;
Source: EXP MECH 53 (7): 1277-1289 SEP 2013
Research Fields: ENGINEERING
Times Cited: 21

91 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; CHEN, XK; FANG, JH; XU, JQ;
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Source: J POWER SOURCES 245: 529-536 JAN 1 2014
Research Fields: ENGINEERING
Times Cited: 17

92 PREDICTION OF METABOLIC PATHWAY USING GRAPH PROPERTY, CHEMICAL FUNCTIONAL GROUP AND CHEMICAL STRUCTURAL SET
Authors: CHEN, L; ZENG, WM; CAI, YD; HUANG, T;
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TECHNOL, SHANGHAI 200235, PEOPLES R CHINA;

Source: CURR BIOINFORM 8 (2): 200-207 APR 2013

Research Fields: COMPUTER SCIENCE

Times Cited: 17

93 A HYBRID METHOD FOR PREDICTION AND REPOSITIONING OF DRUG ANATOMICAL
THERAPEUTIC CHEMICAL CLASSES

Authors: CHEN, L; LU, J; ZHANG, N; HUANG, T; CAI, YD;

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CHINA;YANTAI UNIV, SCH PHARM, DEPT MED CHEM, YANTAI 264005, SHANDONG, PEOPLES R
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Source: MOL BIOSYST 10 (4): 868-877 2014

Research Fields: BIOLOGY & BIOCHEMISTRY

Times Cited: 16

94 POROUS NI-MN OXIDE NANOSHEETS IN SITU FORMED ON NICKEL FOAM AS 3D HIERARCHICAL
MONOLITH DE-NOX CATALYSTS

Authors: CAI, SX; ZHANG, DS; SHI, LY; XU, J; ZHANG, L; HUANG, L; LI, HR; ZHANG, JP;

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Source: NANOSCALE 6 (13): 7346-7353 2014

Research Fields: PHYSICS

Times Cited: 16

95 BIPHEN[N]ARENES

Authors: CHEN, HQ; FAN, JZ; HU, XS; MA, JW; WANG, SL; LI, J; YU, YH; JIA, XS; LI, CJ;

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

Research Fields: CHEMISTRY

Times Cited: 16

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

Authors: ZENG, FH; LI, CP; LIU, FW; TURNER, I;

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

Research Fields: MATHEMATICS

Times Cited: 14

97 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;

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

Research Fields: COMPUTER SCIENCE

Times Cited: 13

98 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;

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

Research Fields: ENGINEERING

Times Cited: 13

99 A REAL QUATERNION MATRIX EQUATION WITH APPLICATIONS

Authors: HE, ZH; WANG, QW; HE, ZH; WANG, QW;

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

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

Research Fields: MATHEMATICS

Times Cited: 13

100 THE FINITE DIFFERENCE METHODS FOR FRACTIONAL ORDINARY DIFFERENTIAL EQUATIONS

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

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

Research Fields: MATHEMATICS

Times Cited: 11

101 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; WEI, Y; SHI, M;

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

Research Fields: CHEMISTRY

Times Cited: 10

102 SPACETIME SYMMETRIES OF THE QUANTUM HALL EFFECT

Authors: GERACIE, M; SON, DT; WU, CL; WU, SF;

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

Research Fields: PHYSICS

Times Cited: 7

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

Authors: MIAO, P; WANG, BD; YU, ZQ; ZHAO, J; TANG, YG;

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

Research Fields: CHEMISTRY

Times Cited: 6

104 POROUS CORUNDUM-TYPE IN₂O₃ NANOSHEETS: SYNTHESIS AND NO₂ SENSING PROPERTIES

Authors: GAO, LP; CHENG, ZX; XIANG, Q; ZHANG, Y; XU, JQ;

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Source: SENSOR ACTUATOR B-CHEM 208: 436-443 MAR 1 2015

Research Fields: CHEMISTRY

Times Cited: 5

105 THE MARRIAGE OF ENDO-CAVITY AND EXO-WALL COMPLEXATION PROVIDES A FACILE STRATEGY FOR SUPRAMOLECULAR POLYMERIZATION

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Source: CHEM COMMUN 51 (16): 3434-3437 2015

Research Fields: CHEMISTRY

Times Cited: 5

106 BIOCOMPATIBILITY OF GRAPHENE OXIDE INTRAVENOUSLY ADMINSTRATED IN MICE-EFFECTS OF DOSE, SIZE AND EXPOSURE PROTOCOLS

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Source: TOXICOL RES 4 (1): 83-91 2015

Research Fields: PHARMACOLOGY & TOXICOLOGY

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