## 化工与环境学院2016年SCI收录论文

序号	论文名称	作者	发表刊物名称	收录名称
1	Preparation of surface imprinted material of single enantiomer of mandelic acid with a new surface imprinting technique and study on its chiral recognition and resolution properties	高保娇	JOURNAL OF CHROMATOGRAPHY A	SCI−2⊠
/.	Stabilization performance of methanol-diesel emulsified fuel prepared using an impinging stream-rotating packed bed	焦纬洲	RENEWABLE ENERGY	SCI−2⊠
3	Preparation and Photoluminescence Properties of Polymer - Rare-Earth Complexes Composed of Bidentate Schiff-Base-Ligand-Functionalized Polysulfone and Eu(III) Ion	高保娇	The Journal of Physical Chemistry C	SCI−2⊠
	Effect of electron-donating substituent groups on aromatic ring on photoluminescence properties of complexes of benzoic acid-functionalized polysulfone with Eu(III) ions	高保娇	PHYSICAL CHEMISTRY CHEMICAL PHYSICS	SCI−2⊠
5	Sandwich-like layer-by-layer assembly of gold nanoparticles with tunable SERS properties	刘志承, 白露	Beilstein Journal of Nanotechnology	SCI−2⊠
l n	Structure and luminescent property of complexes of aryl carboxylic acid-functionalized polystyrene with Eu(III) and Tb(III) ions	1高保が	SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY	SCI−3⊠
/	Designing and preparation of ferulic acid surface-imprinted material and its molecular recognition characteristics	高保娇	RSC Advances	SCI−3⊠
8	TEMPO immobilized on polymer microspheres-catalyzed oxidation of cyclohexanol by molecular oxygen	高保娇	CHINESE JOURNAL OF CATALYSIS	SCI−3⊠
	Effect of substituent groups with two types on benzene ring on photoluminescence property of complexes of benzoic acid—Functionalized polystyrene with Eu(III) Ion	高保娇	JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY A-CHEMISTRY	SCI−3⊠

10	Synchronously Synthesizing and Immobilizing N-Hydroxyphthalimide on Polymer Microspheres and Catalytic Performance of Solid Catalyst in Oxidation of Ethylbenzene by Molecular Oxygen	1島保跡	ORGANIC PROCESS RESEARCH & DEVELOPMENT	SCI−3⊠
11	synthesis, surface and antimicrobial activities of cationic gemini surfactants with semi-rigid spacers	朱海林, 胡志勇, 马雪梅, 王建龙, 曹端林	JOURNAL OF SURFACTANTS AND DETERGENTS	SCI−3⊠
12	Preparation and Performance of Nano HMX/TNT Cocrystals	李鹤群(学生),安崇伟,	Propellants Explosives pyrotechnics	SCI−3⊠
13	Preparation and Properties of 1, 3, 5, 7-tetranitro-1, 3, 5, 7-tetrazocane based NanocompositesP	石晓峰(学生), 王晶禹	Advanced Materials Research	SCI−3⊠
14	Immobilization of Transition-metal Hydroxamates on Polystyrene Resins: Effective Biomimetic Heterogeneous Catalysts for Aerobic Oxidation of Ethylbenzene	王蕊欣	CHEMICAL RESEARCH IN CHINESE UNIVERSITIES	SCI−4⊠
15	Adsorption properties of silica surface-grafted with a salicylhydroxamic acid-functionalized polymer toward lead ions	1 十 30 形	KOREAN JOURNAL OF CHEMICAL ENGINEERING	SCI−4⊠
16	阴离子聚电解质接枝微球CPVA-g-PSSS的制备及其对碱性蛋白吸附特性的研究	高保娇	高分子学报	SCI−4⊠
17	Preparation and Characterization of CL-20/EPDM by a Crystal Refinement and Spray Drying Method		Central European Journal of Energetic Materials	SCI−4⊠
18	Experimental determination of solubility and metastable zone width of 3,4-bis(3-nitrofurazan-4-yl)furoxan (DNTF) in (acetic acid + water) systems from (298.15 K - 338.15 K)	侯欢(学生),王建龙, 陈丽珍,兰贯超(学 生),李静(学生)	FLUID PHASE EQUILIBRIA	SCI⊐⊠
19	Optimization of ultrasound-assisted hexane extraction of perilla oil using response surface methodology	李会珍,张志军,侯天 宇(学生),李晓君,陈 铁	INDUSTRIAL CROPS AND PRODUCTS	SCI─⊠
20	Solubility of 2,2',4,4',6,6'-hexanitrostilbene in binary solvent of N,N-dimethylformamide and acetonitrile	陈丽珍,张天贝(学生),李满(学生),李满(学生),曹端林	JOURNAL OF CHEMICAL THERMODYNAMICS	SCI二区

21	Measurement and correlation of the solubility of 3,4-bis(3-nitrofurazan-4-yl)furoxan (DNTF) in different solvents	兰贯超(学生),王建 龙,陈丽珍,	JOURNAL OF CHEMICAL THERMODYNAMICS	SCI⊐⊠
22	Preparation of surface imprinted material of single enantiomer of mandelic acid with a new surface imprinting technique and study on its chiral recognition and resolution properties	高保娇	JOURNAL OF CHROMATOGRAPHY A	SCI二区
23	Magnetization and photocatalytic activities of LaO.8SrO.2Mn1 xTixO3 $\pmb{\delta}$ (x=0 - 0.15	卫芝贤	Ceramics International	SCI⊐⊠
24	Layer-by-layer assembly of polyelectrolyte and gold nanoparticle for highly reproducible and stable SERS substrate	刘志承, 颜照东(学 生), 白露	Applied Surface Science	SCI⊐⊠
25	Titanium dioxide nanoparticles modified by salicylic acid andarginine: Structure, surface properties and photocatalyticdecomposition of p- nitrophenol	李磊(学生)冯玉 杰,刘有智,张巧玲	Applied Surface Science	SCI⊐⊠
26	Continuous preparation of Fe304 nanoparticles combined with surface modification by L-cysteine and their applicationin heavy metal adsorption	范红蕾(学生), 李磊 (学生), 周少锋, 刘有 智	Ceramics International	SCI□区
27	Hollow core-shell ZnMn2O4 microspheres as a high-performance anode material for lithium-ion batteries	张立新	CERAMICS INTERNATIONAL	SCI二区
28	Oxide Electric-Double-Layer Transistors Gated by a Chitosan-Based Biopolymer Electrolyte	晁晋予(学生), 竺立强 (校外), 潇飞(校外), 袁志国	IEEE ELECTRON DEVICE LETTERS	SCI二区
29	Direct infusion electrospray ionization — ion mobility — mass spectrometry for comparative profiling of fatty acids based on stable isotope labeling	冷嘉鹏, 关青(校外)	ANALYTICA CHIMICA ACTA	SCI⊐⊠
30	Improvement of the polyoxometalate's performance in the asymmetric oxidation of styrene via combined with chiral ionic liquid	梁栋,朱娜(校外),朱 海林,胡志勇,曹端林, 桑楠(校外)	CATALYSIS COMMUNICATIONS	SCI三区
31	Using rheometry to study the curing kinetics of glycidyl azide polymer spherical propellant by non-isothermal method	何伟(学生),何利明, 马中亮	RHEOLOGICA ACTA	SCI三区

32	A novel glass fiber catalyst for the catalytic combustion of ethyl acetate	柳来栓	CATALYSIS COMMUNICATIONS	SCI三区
33	oxide transistor gated by chitosan and its full-swing low voltage inverter applications	晁晋予(学生), 竺立强 (校外), 潇飞(校外), 袁志国	JOURNAL OF APPLIED PHYSICS	SCI三区
34	Growth and morphology of 1, 3, 5, 7-tetranitro-1, 3, 5, 7-tetraazacy-clooct ane (HMX) crystal	闫涛(学生),王建华	JOURNAL OF CRYSTAL GROWTH	SCI三区
35	Theoretical insight into the sensitive mechanism of multilayer-shaped cocrystal explosives: compression and slide	高宏飞(学生),张树海	Journal of Molecular Modeling	SCI三区
36	Two new energetic coordination compounds based on tetrazole-1-acetic acid: syntheses, crystastructures and their synergistic catalytic effect for the thermal decomposition of ammoniuperchloratem 1	康丽(学生),卫芝贤, 宋江锋	RSC Advances	SCI三区
37	The kinetic and viscosity analysis of glycidyl azide polymer spherical propellant	何伟(学生),何利明, 马中亮	Journal of Thermal Analysis and Calorimetry	SCI三区
38	Preparation and Performance of Nano HMX/TNT Cocrystals	李鹤群(学生),安崇伟,郭文建(学生),耿孝恒(校外),王晶禹,	Propellants Explosives pyrotechnics	SCI三区
39	Effect of precursor on the performance of phosphate-modified g-A1203 catalysts for the dehydration of methanol	柳来栓	RSC Advances	SCI三区
40	Liquid carbon dioxide as anti-solvent method coating aluminum hydride	蔡兴旺,杨继华	Propellants Explosives pyrotechnics	SCI三区
41	Preparation and Performance of Nano HMX/TNT Cocrystals	李鹤群(学生),安崇伟	Propellants Explosives pyrotechnics	SCI三区
42	Stabilization performance of methanol-diesel emulsified fuel prepared using an impinging stream-rotating packed bed	焦纬洲,王永红(学生),李晓霞(学生),许承骋(学生),刘有智,	RENEWABLE ENERGY	SCI二区

43	Preparation and Properties of Surface-Coated HMX with Viton and Graphene Oxide	王晶禹,叶宝云(学 生),安崇伟,武碧栋	Journal of Energetic Materials	SCI三区
44	Gas-Phase Mass Transfer Characteristics in a Counter Airflow Shear Rotating Packed Bed		CANADIAN JOURNAL OF CHEMICAL ENGINEERING	SCI四区
45	Preparation and Characterization of Magnesium Hydroxide Nanoparticles in a Novel Impinging Stream-Rotating Packed Bed Reactor	申红艳, 刘有智	JOURNAL OF CHEMICAL ENGINEERING OF JAPAN	SCI四区
46	Preparation and Characterization of the Solid Spherical HMX/F2602 by the Suspension Spray-Drying Method	冀威(学生), 李小东, 王晶禹,	Journal of Energetic Materials	SCI四区
47	The crystal structure of 3,5-dinitro-1,3,5-oxadiazinane, C3H6N4O5	李静(学生),王建龙	ZEITSCHRIFT FUR KRISTALLOGRAPHIE-NEW CRYSTAL STRUCTURES	SCI四区
48	Thecrystalstructureof1-(4-(4-chlorophenoxy)-2-chlorophenyl)ethanone,C14H10C12O2	比集 阳 1960 土 1942 77	ZEITSCHRIFT FUR KRISTALLOGRAPHIE-NEW CRYSTAL STRUCTURES	SCI四区
49	The crystal structure of 1-(2-(4-chlorophenoxy)-4-chlorophenyl)ethanone, C14H10C1202		ZEITSCHRIFT FUR KRISTALLOGRAPHIE-NEW CRYSTAL STRUCTURES	SCI四区
50	Molecular Dynamics Simulation and Density Functional Theory Insight into the Cocrystal Explosive of Hexaazaisowurtzitane/Nitroguanidine	丁雄(学生), 苟瑞君	INTERNATIONAL JOURNAL OF QUANTUM CHEMISTRY	SCI四区
51	Selective detection of TNT using molecularly imprinted polymer microsphere	赵海霞	Desalination and Water Treatment	SCI四区
52	Thermal decomposition of ammonium perchlorate and ammonium nitrate doped with nanometer SO42-/Fe2O3 solid strong acid as catalyst	宋小兰,王毅	Science and Technology of Energetic Materials	SCI四区
53	Theoretical insight into the binding energy and detonation performance of epsilon-, gamma-, beta-CL-20 cocrystals with beta-HMX, FOX-7, and DMF in different molar ratios, as well as electrostatic potential.	冯睿智(学生),张树海	JOURNAL OF MOLECULAR MODELING	SCI四区

54	The turbulent behavior of novel free triple-impinging jets with large jet spacing by means of particle image velocimetry		CHINESE JOURNAL OF CHEMICAL ENGINEERING	SCI四区
55	Surface Activities of Three Anionic Gemini Surfactants Derived from Cyanuric Chloride: Effect of a Branched Hydrophobic Chain	胡志勇	JOURNAL OF SURFACTANTS AND DETERGENTS	SCI四区
56	Aggregation of diester-bonded cationic gemini surfactants in the presence of ethylene glycol: An electrical conductivity study	朱海林, 胡志勇, 梁栋, 王建龙, 曹端林	JOURNAL OF MOLECULAR LIQUIDS	SCI四区
57	Surface Activities of Three Anionic Gemini Surfactants Derived from Cyanuric Chloride:Effect of a Branched Hydrophobic Chain	胡志勇,朱海林,王建龙,曹端林	JOURNAL OF SURFACTANTS AND DETERGENTS	SCI三区
58	Research on a New Synthesis of LLM-105 Using N-Nitroso-bis(cyanomethyl)amine	荆苏明(学生),刘玉存	Central European Journal of Energetic Materials	SCI四区
59	Effects of Homogenization on Hot Deformation Behavior of As-Cast Mg-8Gd-3Y-1Nd-0.5Zr Magnesium Alloy	秦清风	JOURNAL OF MATERIALS ENGINEERING AND PERFORMANCE	SCI四区
60	A theoretical prediction of the relationships between the impact sensitivity and electrostatic potential in strained cyclic explosive and application to H-bonded complex of nitrocyclohydrocarbon	任福德	JOURNAL OF MOLECULAR MODELING	SCI三区
61	Synthesis and Characterization of a Novel Grid Coordination Polymer Network Generated from Unsymmetrically Bridging Ligand	弓亚琼	Chinese J. Struct. Chem	SCI四区
62	Synthesis and Theoretical Studies of a New High Explosive	荆苏明(学生),刘玉存	Central European Journal of Energetic Materials	SCI四区
63	A theorical investigation into the strength of N-NO2 bond ,ring strain and electrostaic potential upon the formation of H-bond between HF and nitro group in nitrogen heterocyclic rings CnH2nN-NO2(n=2-5), RDX and HMX	王保国	JOURNAL OF MOLECULAR MODELING	SCI四区
64	Alternative Procedure for the Incorporation of Quantum Dots intoPoly(N-isopropyl acrylamide-co-acrylic acid) Microgels Based on multiple internations	蔡宇廷(学生), 吴晓 青, 刘清浩	Journal of Applied Polymer Science	SCI四区

65	合成黑索今中副产物3,5-二硝基-1-氧-3,5-二氮杂环己烷的晶体结构及热分解动力学 (英文)	李静(学生), 陈丽珍, 王建龙	物理化学学报	SCI四区
66	Liquid Carbon Dioxide as Anti-Solvent Coating Aluminum Hydride	蔡兴旺,杨继华	PROPELLANTS EXPLOSIVES PYROTECHNICS	SCI四区
67	Synthesis, Structure and Magnetic Properties of a 3D Interpentrating Network Based on 4-Imidazol-1-yl-benzoic Acid and Azide Ligands	贾宏云(学生), 弓亚琼, 张树海	Chinese J. Struct. Chem	SCI四区
68	Synthese, Crystal Structure and Photoluminescence of a Zn(II) Coordination Polymers Derived from 1, 1'-biphenyl-2, 2', 6, 6'-tetracarboxylic acid	弓亚琼	Chinese J. Inorg. Chem	SCI四区
69	Continuous preparation of Fe304 nanoparticles through Impinging Stream-Rotating Packed Bed reactor and their electrochemistry detection toward heavy metal ions	范红蕾(学生),周少锋,高璟,刘有智	Journal of Alloys and Compounds	SCI—区
70	Continuous preparation of Fe304 nanoparticles using impinging stream-rotating packed bed reactor and magnetic property thereof	范红蕾(学生),周少锋,高璟,刘有智	Journal of Alloys and Compounds	SCI─⊠
71	Solvothermal synthesis of reduced graphene oxide-Bi 2 S 3 nanorod	张立新	J Mater Sci: Mater Electron	SCI二区
72	Catalysis of a nanometer solid super acid of SO42-/TiO2 on the thermal decomposition of ammonium nitrate	宋小兰, 王毅	Nanomaterials and Nanotechnology	SCI四区
73	The synthesis of a Ag-ZnO nanohybrid with plasmonic photocatalytic activity under visiblelightirradiation: the relationship between tunable optical absorption, defect chemistry and photocatalytic activity	王海芳, 刘晓庆, 韩帅(学生)	CrystEngComm	SCI二区
74	Preparation of Heparin-Functionalized Microspheres and Study on Their	门吉英	Macromolecular Research	SCI三区
75	Characteristics of gas pressure drop of a countercurrent-flow rotating packed bed	祁贵生,王焕(学生), 刘有智,	Indian Journal of Chemical Technology	SCI四区

76	A dynamics prediction of nitromethane -> methyl nitrite isomerization in external electric field	任福德	Journal of Mololecular Modeling	SCI三区
77	Direct formation of (Co, Mn)304 nanowires/Ni composite foam for electrochemical detection	Jun Ma(马骏)(学 生),晋日亚	Joural of Alloys and Compounds	SCI—区
78	Controllable synthesis of spinel nano-CoMn 2 0 4 via a solvothermal	张立新	Electrochimica Acta	SCI—区
79	Graphene-based hollow TiO 2 composites with enhanced photocatalytic	张立新	Journal of Physics and Chemistry of Solids	SCI二区
80	Optimization of High-Gravity Chelated Iron Process for Removing H2S Based on Response Surface Methodology		China Petroleum Processing and Petrochemical Technology	SCI四区
81	Preparation of hollow core/shell CeO 2 @TiO 2 with enhanced	张立新	J Mater Sc	SCI二区
82	A theoretical prediction of the possible trigger linkage of CH3NO2	任福德,曹端林	J Mol Model	SCI三区
83	Removal of 2,4,6-trinitrotoluene from wastewater using a novel adsorbent polyvinyl alcohol/SiO2	赵海霞	Desalination and Water Treatment	SCI四档
84	Co-MOFs Containing Flexible $lpha$ , $\omega$ -Alkane-dicarboxylates and Bis(imidazole)	弓亚琼	Z. Anorg. Allg. Chem	SCI四区
85	Preparation and application of biomimetic superhydrophobic silica and polyurethane composite coating	汪存东,王海霞,喻 华兵	INTERNATIONAL JOURNAL OF SURFACE SCIENCE AND ENGINEERING	SCI四区
86	TiO 2 -SA纳米光催化材料接枝动力学、结构及性能	张巧玲	物理化学学报	SCI四区