

序号	论文题目	刊物名称	年卷期	SCI/EI/国内 期刊	作者
1	Improved hydrogen release from ammonia borane confined in microporous carbon with narrow pore size distribution	JOURNAL OF MATERIALS CHEMISTRY A (I.F.=10.733)	2017, 5(29), 15395-15400	SCI	Yang, Zhuxian; Zhou, Dan ; Chen, Binling; Liu, Zongjian; Xia, Qinghua ; Zhu, Yanqiu; Xia, Yongde
2	A Free-standing and Self-healable 2D Supramolecular Material Based on Hydrogen Bonding: A Nanowire Array with Sub-2-nm Resolution	SMALL (I.F.=9.598)	2017, 13(21), 1604077	SCI	Li, Ming ; Song, Mengyao; Wu, Guitai; Tang, Zhenyu; Sun, Yunfeng; He, Yunbin; Li, Jinhua; Li, Lei; Gu, Haoshuang; Liu, Xiong; <i>Ma, Chuang</i> ; Peng, Zefei; Ai, Zhaoquan ; Lewis, David J.
3	Ultrasensitive electrochemical DNA biosensor based on functionalized gold clusters/graphene nanohybrids coupling with exonuclease III-aided cascade target recycling	BIOSENSORS & BIOELECTRONICS (I.F.=9.518)	2017, 91, 183-189	SCI	<i>Wang, Wei</i> ; <i>Bao, Ting</i> ; Zeng, Xi; Xiong, Huayu ; Wen, Wei ; Zhang, Xiuhua ; Wang, Shengfu
4	Ultrasensitive paper based nucleic acid detection realized by threedimensional DNA-AuNPs network amplification	BIOSENSORS & BIOELECTRONICS (I.F.=9.518)	2017, 92, 529-535	SCI	<i>Gao, Ya</i> ; <i>Deng, Xilei</i> ; Wen, Wei ; Zhang, Xiuhua ; Wang, Shengfu
5	Integrated amplified aptasensor with in-situ precise preparation of copper nanoclusters for ultrasensitive electrochemical detection of microRNA 21	BIOSENSORS & BIOELECTRONICS (I.F.=9.518)	2017, 98, 386-391	SCI	<i>Wang, Yijia</i> ; Zhang, Xinying; Zhao, Lang; <i>Bao, Ting</i> ; Wen, Wei ; Zhang, Xiuhua ; Wang, Shengfu
6	Mild-temperature hydrodeoxygenation of vanillin over porous nitrogen-doped carbon black supported nickel nanoparticles	GREEN CHEMISTRY (I.F.=9.405)	2017, 19(13), 3126-3134	SCI	<i>Nie, Renfeng</i> ; Yang, Huanhuan; <i>Zhang, Haifu</i> ; <i>Yu, Xiaolong</i> ; Lu, Xinhuan ; Zhou, Dan ; Xia, Qinghua
7	Co embedded within biomass-derived mesoporous N-doped carbon as an acid-resistant and chemoselective catalyst for transfer hydrodeoxygenation of biomass with formic acid	GREEN CHEMISTRY (I.F.=9.405)	2017, 19(23), 5714-5722	SCI	Yang, Huanhuan; <i>Nie, Renfeng</i> ; Xia, Wang; <i>Yu, Xiaolong</i> ; Jin, Dingfeng; Lu, Xinhuan ; Zhou, Dan ; Xia, Qinghua
8	Multistimulative Nanogels with Enhanced Thermosensitivity for Intracellular Therapeutic Delivery	ACS APPLIED MATERIALS & INTERFACES (I.F.=8.456)	2017, 9(45), 39143-39151	SCI	<i>Ji, Ping</i> ; Zhou, Bingjie; <i>Zhan, Yuan</i> ; Wang, Yifeng; Zhang, Yuhong ; Li, Yulin ; He, Peixin
9	Hierarchical Structural Evolution of Zn ₂ GeO ₄ in	ACS APPLIED MATERIALS &	2017, 9(11),	SCI	<i>Liu, Wei</i> ; Zhou, Tengfei; Zheng, Yang;

	Binary Solvent and Its Effect on Li-ion Storage Performance	INTERFACES (I.F.=8.456)	9778-9784		Liu, Jianwen; Feng, Chuanqi; Shen, Yue; Huang, Yunhui; Guo, Zaiping
10	A Novel Electrochemical Biosensor Based on a Double-Signal Technique for d(CAG)(n) Trinucleotide Repeats	ACS APPLIED MATERIALS & INTERFACES (I.F.=8.456)	2017, 9(50), 44231-44240	SCI	<i>Li, Jiao; Liu, Yalan; Zhu, Xiaoqian;</i> Chang, Gang; He, Hanping; Zhang, Xiuhua; Wang, Shengfu
11	One-pot synthesis of boron and nitrogen co-doped carbon dots as the fluorescence probe for dopamine based on the redox reaction between Cr(VI) and dopamine	SENSORS AND ACTUATORS B-CHEMICAL (I.F.=6.393)	2017, 240, 1265-1271	SCI	<i>Tian, Tian;</i> He, Yu; Ge, Yili; Song, Gongwu
12	Fluorescence "turn on-off" detection of heparin and heparinase I based on the near-infrared emission polyethyleneimine capped Ag ₂ S quantum dots	SENSORS AND ACTUATORS B-CHEMICAL (I.F.=6.393)	2017, 240, 863-869	SCI	<i>Yan, Dan;</i> He, Yu; Ge, Yili; Song, Gongwu
13	A convenient purification method for metal nanoclusters based on pH-induced aggregation and cyclic regeneration and its applications in fluorescent pH sensors	SENSORS AND ACTUATORS B-CHEMICAL (I.F.=6.393)	2017, 239, 988-992	SCI	Xiong, Huayu; <i>Wang, Wei;</i> Liang, Jichao; Wen, Wei; Zhang, Xiuhua; Wang, Shengfu
14	Sulphides of the cobalt doped Ni ₇ S ₆ type for glucose, hydrogen peroxide and nitrite sensing platform	SENSORS AND ACTUATORS B-CHEMICAL (I.F.=6.393)	2017, 250, 224-232	SCI	<i>Wu, Wenqin;</i> Wu, Liwen; Wu, Huimin; Wang, Shengfu; Ding, Yu; Feng, Chuanqi
15	Functionalization of mixed ligand metal-organic frameworks as the transport vehicles for drugs	JOURNAL OF COLLOID AND INTERFACE SCIENCE (I.F.=6.361)	2017, 486, 128-135	SCI	Sun, Keke; Li, Ling; Yu, XiaoLan; Liu, Li; Meng, Qingtao; Wang, Fei; Zhang, Run
16	A Ratiometric Fluorescent Probe for Monitoring Leucine Aminopeptidase in Living Cells and Zebrafish Model	ANALYTICAL CHEMISTRY (I.F.=6.35)	2017, 89(21), 11576-11582	SCI	<i>Zhou, Zhe;</i> Wang, Feiyi; Yang, Guichun; Lu, Cuifen; Nie, Junqi; Chen, Zuxing; Ren, Jun; Sun, Qi; Zhao, Chunchang; ZHu, Wei-Hong
17	Synthesis, properties, and applications of black titanium dioxide nanomaterials	SCIENCE BULLETIN (I.F.=6.277)	2017, 62(6), 431-441	SCI	Liu, Yan; Tian, Lihong; Tan, Xinyu; Li, Xin; Chen, Xiaobo
18	Stimulative nanogels with enhanced thermosensitivity for therapeutic delivery via beta-cyclodextrin-induced formation of inclusion complexes	CARBOHYDRATE POLYMERS (I.F.=6.044)	2017, 166, 219-227	SCI	<i>Yi, Panpan;</i> Wang, Yifeng; Zhang, Shihao; <i>Zhan, Yuan;</i> Zhang, Yuhong; Sun, Zhengguang; Li, Yulin; He, Peixin
19	Transfer hydrogenation of bio-fuel with formic acid over biomass-derived N-doped carbon	CATALYSIS SCIENCE & TECHNOLOGY	2017, 7(3), 627-634	SCI	<i>Nie, Renfeng; Peng, Xiaolun;</i> Zhang, Haifu; Yu, Xiaolong; Lu, Xinhuan;

	supported acid-resistant Pd catalyst				Zhou, Dan; Xia, Qinghua
20	A glassy carbon electrode modified with FeS nanosheets as a highly sensitive amperometric sensor for hydrogen peroxide	MICROCHIMICA ACTA	2017, 184(5), 1389-1396	SCI	<i>Jin, Jiayi; Wu, Wenqin; Min, Hui; Wu, Huimin; Wang, Shengfu; Ding, Yu; Yang, Shuijin</i>
21	Voltammetric determination of levofloxacin using a glassy carbon electrode modified with poly(o-aminophenol) and graphene quantum dots	MICROCHIMICA ACTA	2017, 184(1), 127-135	SCI	<i>Huang, Jing-Yi; Bao, Ting; Hu, Tian-Xing; Wen, Wei; Zhang, Xiu-Hua; Wang, Sheng-Fu</i>
22	A simple and sensitive fluorometric dopamine assay based on silica-coated CdTe quantum dots	MICROCHIMICA ACTA	2017, 184(9), 3189-3196	SCI	<i>Wang, Bei; Chen, Miao-miao; Zhang, Hai-qing; Wen, Wei; Zhang, Xiu-Hua; Wang, Sheng-Fu</i>
23	A dummy molecularly imprinted monolith for selective solid-phase microextraction of vanillin and methyl vanillin prior to their determination by HPLC	MICROCHIMICA ACTA	2017, 184(4), 1161-1167	SCI	<i>Zhu, Jianli; Chen, Dongping; Ai, Youhong; Dang, Xueping; Huang, Jianlin; Chen, Huaixia</i>
24	Magnetic molecularly imprinted polymers for selective extraction and determination of naphthols	MICROCHIMICA ACTA	2017, 184(9), 3373-3379	SCI	<i>Chen, Di; Han, Xiaoxuan; Wang, Qi; Xie, Liuqing; Ai, Youhong; Dang, Xueping; Huang, Jianlin; Chen, Huaixia</i>
25	Discrimination and ultrasensitive detection of beta(2)-agonists using copper nanoclusters as a fluorescent probe	MICROCHIMICA ACTA	2017, 184(9), 3317-3324	SCI	<i>Chen, Miaomiao; Li, Weiming; Xiong, Huayu; Wen, Wei; Zhang, Xiuhua; Wang, Shengfu</i>
26	Engineering NiMo ₃ S ₄ vertical bar Ni ₃ S ₂ interface for excellent hydrogen evolution reaction in alkaline medium	ELECTROCHIMICA ACTA	2017, 258, 669-676	SCI	<i>Wu, Mei; Wang, Shengfu; Wang, Jiahai</i>
27	A Novel Green TiO ₂ Photocatalyst with a Surface Charge-Transfer Complex of Ti and Hydrazine Groups	CHEMISTRY-A EUROPEAN JOURNAL	2017, 23(22), 5345-5351	SCI	Tian, Lihong; Xu, Jilian; Alnafisah, Abrar; <i>Wang, Ran; Tan, Xinyu; Oyler, Nathan A.; Liu, Lei; Chen, Xiaobo</i>
28	Synthesis and electrochemical properties of Fe ₃ O ₄ @MOF core-shell microspheres as an anode for lithium ion battery application	APPLIED SURFACE SCIENCE	2017, 405, 52-59	SCI	<i>Sun, Xuemin; Gao, Ge; Yan, Dongwei; Feng, Chuanqi</i>
29	Pyrrolic-N-doped graphene oxide/Fe ₂ O ₃ mesocrystal nanocomposite: Efficient charge transfer and enhanced photo-Fenton catalytic activity	APPLIED SURFACE SCIENCE	2017, 422, 607-615	SCI	Liu, Bing; Tian, Lihong; Wang, Ran; Yang, Jinfeng; Guan, Rong; <i>Chen, Xiaobo</i>

30	Synthesis of tremella-like CoS and its application in sensing of hydrogen peroxide and glucose	MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS	2017, 70, 430-437	SCI	<i>Wu, Wenqin; Yu, Beibei; Wu, Huimin; Wang, Shengfu; Xia, Qinghua; Ding, Yu</i>
31	Electrochemical hydrogen peroxide sensor based on carbon supported Cu@Pt core-shell nanoparticles	MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS	2017, 78, 185-190	SCI	<i>Zhao, Wenjun; Jin, Jiayi; Wu, Huimin; Wang, Shengfu; Feng, Chuanqi; Yang, Shuijin; Ding, Yu</i>
32	A novel sensor made of Antimony Doped Tin Oxide-silica composite sol on a glassy carbon electrode modified by single-walled carbon nanotubes for detection of norepinephrine	MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS	2017, 80, 180-186	SCI	<i>Wang, Zhao; Wang, Kai; Zhao, Lu; Chai, Shigan; Zhang, Jinzhi; Zhang, Xiuhua; Zou, Qichao</i>
33	Study on beta-cyclodextrin-complexed nanogels with improved thermal response for anticancer drug delivery	MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS	2017, 78, 773-779	SCI	<i>Yi, Panpan; Wang, Yifeng; He, Peixin; Zhan, Yuan; Sun, Zhengguang; Li, Yulin; Zhang, Yuhong</i>
34	Application of Gemini quaternary ammonium with ester groups in cationic P(St-co-BA) nanolatex and study on its antibacterial properties	MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS	2017,80,417-424	SCI	<i>Xu, Yue; Gao, Hang; Shen, Yan; Chai, Shigan; Zhang, Jinzhi; Zou, Qichao</i>
35	Brightly near-infrared to blue emission tunable silver-carbon dot nanohybrid for sensing of ascorbic acid and construction of logic gate	TALANTA	2017, 162, 135-142	SCI	<i>Tian, Tian; Zhong, Yaping; Deng, Chun; Wang, Hao; He, Yu; Ge, Yili; Song, Gongwu</i>
36	Improving the activity of CoxP nanoparticles for the electrochemical hydrogen evolution by hydrogenation	SUSTAINABLE ENERGY & FUELS	2017, 1(1), 62-68	SCI	Tian, Lihong; Murowchick, James; <i>Chen, Xiaobo</i>
37	Hierarchical Assembly and Aggregation-Induced Enhanced Emission of a Pair of Isostructural Zn-14 Clusters	INORGANIC CHEMISTRY	2017, 56(22), 14069-14076	SCI	<i>Chen, Xue-Li; Xu, Hai-Bing; Shi, Xing-Xing; Zhang, Yuexing; Yang, Tao; <i>Kurmoo, Mohamedally; Zeng, Ming-Hua</i></i>
38	Ligand Effect on the Single-Molecule Magnetism of Tetranuclear Co(II) Cubane	INORGANIC CHEMISTRY	2017, 56(24), 15178-15186	SCI	<i>Ma, Xiong-Feng; Wang, Zhenxing; Chen, Xue-Li; Kurmoo, Mohamedally; Zeng, Ming-Hua</i>
39	A Porous Metal Organic Framework [Zn-2(bdc)(L-lac)] as a Coating Material for	INORGANIC CHEMISTRY	2017, 56(18), 11043-11049	SCI	<i>Zheng, Dan-Dan; Wang, Li; Yang, Tao; Zhang, Yan; Wang, Qian;</i>

	Capillary Columns of Gas Chromatography				Kurmoo, Mohamedally; Zeng, Ming-Hua
40	Tracking the Progress and Mechanism Study of a Solvothermal in Situ Domino N-Alkylation Reaction of Triethylamine and Ammonia Assisted by Ferrous Sulfate	INORGANIC CHEMISTRY	2017, 56(17), 10123-10126	SCI	Zhong, Jin-Ping; Liu, Bin ; Yang, Tao; Liu, Yue-Jin ; Zhu, Zhong-Hong; Shi, Bing-Feng; Kurmoo, Mohamedally; Zeng, Ming-Hua
41	DMAP-Mediated Synthesis of Fulleropyrrolines: Reaction of [60]Fullerene with Aromatic Aldehydes and Arylmetanamines in the Absence or Presence of Manganese(III) Acetate	JOURNAL OF ORGANIC CHEMISTRY	2017, 82(18), 9751-9764	SCI	<i>Peng, Jie</i> ; Xiang, Jun-Jun; Wang, Hui-Juan; Li, Fa-bao ; Huang, Yong-Shun; Liu, Li ; Liu, Chao-Yang; Asiri, Abdullah M.; Alamry, Khalid A.
42	Synthesis of 2-Aryl-5-alkyl-fulleropyrrolidines: Metal-Free-Mediated Reaction of [60]Fullerene with Aromatic Aldehydes and Inactive Primary Amines	JOURNAL OF ORGANIC CHEMISTRY	2017, 82(16), 8617-8627	SCI	<i>Zhang, Meng</i> ; Wang, Hui-Juan; Li, Fa-bao; Zhong, Xin-Xin ; Huang, Yong-Shun; Liu, Li ; Liu, Chao-Yang; Asiri, Abdullah M.; Alamry, Khalid A.
43	Polyethyleneimine-capped silver nanoclusters for microRNA oligonucleotide delivery and bacterial inhibition	INTERNATIONAL JOURNAL OF NANOMEDICINE	2017, 12, 8599-8613	SCI	Du, Chunyuan; Yan, Haibo; Liang, Jichao; Luo, Ailing; Wang, Lingqian; Zhu, Jing; Xiong, Huayu; Chen, Yong
44	Highly selective isomerization of biomass beta-pinene over hierarchically acidic MCM-22 catalyst	MICROPOROUS AND MESOPOROUS MATERIALS	2017, 237, 180-188	SCI	Ma, Xuetao; Zhou, Dan ; <i>Chu, Xing; Li, Dan</i> ; Wang, Jing; Song, Wangchao; Xia, Qinghua
45	RuCo NPs supported on MIL-96(Al) as highly active catalysts for the hydrolysis of ammonia borane	JOURNAL OF ALLOYS AND COMPOUNDS	2017, 694, 662-671	SCI	<i>Lu, Di</i> ; Yu, Guofeng; <i>Li, Yue; Chen, Menghuan; Pan, Yaxi</i> ; Zhou, Liqun; Yang, Kunzhou; Xiong, Xing; Wu, Peng; Xia, Qinghua
46	Synthesis and electrochemical properties of ZnMn ₂ O ₄ microspheres for lithium-ion battery application	JOURNAL OF ALLOYS AND COMPOUNDS	2017, 690, 72-79	SCI	<i>Dang, Wei</i> ; Wang, Feng; Ding, Yu; Feng, Chuanqi; Guo, Zaiping
47	O ²⁻ -V ⁵⁺ charge transfer band, chemical bond parameters and R/O of Eu ³⁺ doped Ca(VO ₃)(2) and Ca-3(VO ₄)(2): A comparable study	JOURNAL OF ALLOYS AND COMPOUNDS	2017, 726, 121-131	SCI	Li, Ling ; <i>Pan, Yu; Wang, Wenjun; Zhang, Wenying</i> ; Wen, Zihao; Leng, Xuanxi; Wang, Qi; Zhou, Liqun; Xu, Haibing; Xia, Qinghua; Liu, Li ; Xiang, Hongping; Liu, Xiaoguang
48	Spontaneous Sm ³⁺ → Sm ²⁺ reduction ability of MA ₂ Si ₂ O ₈ (M = Sr, Ba): Sm	JOURNAL OF ALLOYS AND COMPOUNDS	2017, 723, 527-535	SCI	Li, Ling ; <i>Wang, Wenjun; Pan, Yu</i> ; Liu, Xiaoguang; Noh, Hyeon Mi; Jeong,

					Jung Hyun
49	Synthesis and electrocatalytic activity of $\text{Co}_{1-x}\text{MoxSe}_2$ for oxygen reduction	JOURNAL OF ALLOYS AND COMPOUNDS	2017, 703, 652-655	SCI	<i>Jin, Jiayi; Yu, Beibei; Wu, Huimin; Wang, Shengfu; Feng, Chuanqi;</i> Ding, Yu
50	Iron and nickel doped CoSe_2 as efficient non precious metal catalysts for oxygen reduction	INTERNATIONAL JOURNAL OF HYDROGEN ENERGY	2017, 42(1), 236-242	SCI	<i>Yu, Beibei; Jin, Jiayi; Wu, Huimin; Wang, Shengfu; Xia, Qinghua;</i> Liu, Huakun
51	Heteroatoms doped C_3N_4 as high performance catalysts for the oxygen reduction reaction	INTERNATIONAL JOURNAL OF HYDROGEN ENERGY	2017, 42(32), 20579-20588	SCI	<i>Jin, Jiayi; Wu, Huimin; Wang, Shengfu;</i> Ding, Yu; Yin, Shengyu
52	A family of one-dimensional lanthanide complexes bridged by two distinct carboxylate ligands with the Dy analogue displaying magnetic relaxation behaviour	DALTON TRANSACTIONS	2017, 46(41), 14114-14121	SCI	Zhu, Wen-Hua; <i>Xiong, Xia;</i> Gao, Chen; <i>Li, Shan;</i> Zhang, Yan; Wang, Juan; Zhang, Chi; Powell, Annie K.; Gao, Song
53	Ferromagnetic coupling in copper benzimidazole chloride: structural, mass spectrometry, magnetism, and DFT studies	DALTON TRANSACTIONS	2017, 46(47), 16663-16670	SCI	Shi, Xing-Xing; Zhang, Yuexing; <i>Chen, Qiu-Jie;</i> Yin, Zheng; Chen, Xue-Li; Wang, Zhenxing; Ouyang, Zhong-Wen; Kurmoo, Mohamedally; Zeng, Ming-Hua
54	Synthesis, structure, and photophysics of copper(I) triphenylphosphine complexes with functionalized 3-(2'-pyrimidinyl)-1,2,4-triazole ligands	DALTON TRANSACTIONS	2017, 46(38), 13077-13087	SCI	Chen, Jing-Lin; Zeng, Xue-Hua; Luo, Yan-Sheng; Wang, Wan-Man; He, Li-Hua; Liu, Sui-Jun; Wen, He-Rui; Huang, Shuping; Liu, Li; Wong, Wai-Yeung
55	A novel label-free strategy for pathogenic DNA detection based on metal ion binding-induced fluorescence quenching of graphitic carbon nitride nanosheets	ANALYST	2017, 142(14), 2617-2623	SCI	Xiao, Yan; <i>Sheng, Yuhao; Zhou, Jie; Chen, Miaomiao;</i> Wen, Wei; Zhang, Xiuhua; Wang, Shengfu
56	Microwave-activated Ni/carbon catalysts for highly selective hydrogenation of nitrobenzene to cyclohexylamine	SCIENTIFIC REPORTS	2017, 7, 2676	SCI	Lu, Xinhuan; <i>He, Jie; Jing, Run; Tao, Peipei; Nie, Renfeng;</i> Zhou, Dan; Xia, Qinghua
57	In situ biodegradable crosslinking of cationic oligomer coating on mesoporous silica nanoparticles for drug delivery	COLLOIDS AND SURFACES B-BIOINTERFACES	2017, 153, 272-279	SCI	Wang, Yifeng; Wang, Jine; Yang, Yang; Sun, Yi; Yuan, Yuan; Li, Yulin; Liu, Changsheng
58	In situ synthesis of gold nanoparticles on cotton fabric for multifunctional applications	CELLULOSE	2017, 24(10), 4547-4560	SCI	Tang, Bin; Lin, Xia; Zou, Fan; <i>Fan, Yunde;</i> Li, Daiqi; Zhou, Ji; Chen, Wu;

					Wang, Xungai
59	Good conductivity of a single component polydiacetylene film	ORGANIC ELECTRONICS	2017, 49, 174-178	SCI	<i>Tang, Zhenyu; Li, Ming; Song, Mengyao; Jiang, Li; Li, Jinhua; He, Yunbin; Zhou, Lixin</i>
60	Charge transfer properties of diphenyl substituted cyclopentadithiophene organic semiconductors: The role of fluorine and malononitrile substitutions and crystal ordering	ORGANIC ELECTRONICS	2017, 50, 130-137	SCI	Zhang, Yuexing; Lahti, Paul M.; Maroudas, Dimitrios
61	F--Eu ³⁺ charge transfer energy and local crystal environment in Eu ³⁺ doped calcium fluoride	CERAMICS INTERNATIONAL	2017, 43(16), 13089-13093	SCI	<i>Pan, Yu; Wang, Wenjun; Zhou, Liqun; Xu, Haibing; Xia, Qinghua; Liu, Li; Liu, Xiaoguang; Li, Ling</i>
62	An efficient Sb-SnO ₂ -supported IrO ₂ electrocatalyst for the oxygen evolution reaction in acidic medium	JOURNAL OF MATERIALS SCIENCE	2017, 52(23), 13427-13443	SCI	Tong, Jinlin; Liu, Yuan; Peng, Qi; Hu, Wei; Wu, Qiong
63	Production of MoS ₂ /CoSe ₂ hybrids and their performance as oxygen reduction reaction catalysts	JOURNAL OF MATERIALS SCIENCE	2017, 52(6), 3188-3198	SCI	<i>Yu, Beibei; Min, Hui; Wu, Huimin; Wang, Shengfu;</i> Ding, Yu; <i>Wang, Guoxiu</i>
64	Controllable synthesis of a novel magnetic core-shell nanoparticle for dual-modal imaging and pH-responsive drug delivery	NANOTECHNOLOGY	2017, 28(49), 495101-495101	SCI	Xu, Chen; Zhang, Cheng; Wang, Yingxi; Li, Liu; Li, Ling; Whittaker, Andrew K.
65	A label-free electrochemical biosensor for methyltransferase activity detection and inhibitor screening based on graphene quantum dot and enzyme-catalyzed reaction	JOURNAL OF ELECTROANALYTICAL CHEMISTRY	2017, 799, 327-332	SCI	<i>Peng, Xiaolun; Hu, Tianxing; Bao, Ting; Zhao, Lang; Zeng, Xi; Wen, Wei; Zhang, Xiuhua; Wang, Shengfu</i>
66	Waste Fiber Powder Functionalized with Silver Nanoprism for Enhanced Raman Scattering Analysis	NANOSCALE RESEARCH LETTERS	2017, 12, 341	SCI	Tang, Bin; Zeng, Tian; Liu, Jun; Zhou, Ji; Ye, Yong; Wang, Xungai
67	A crosslinked bis(amino)-containing polymer as a remarkable support for heterogeneous palladium-catalyzed Suzuki-Miyaura reaction	REACTIVE & FUNCTIONAL POLYMERS	2017, 110, 38-46	SCI	<i>Wang, Yiming; Lu, Cuifen; Yang, Guichun; Chen, Zuxing; Nie, Junqi</i>
68	Metal-free-mediated synthesis of fulleropyrrolines by the reaction of [60]fullerene with beta-substituted ethylamines	NEW JOURNAL OF CHEMISTRY	2017, 41(17), 8725-8728	SCI	Xiang, Jun-Jun; Huang, Cheng; Wang, Hui-Juan; Li, Fa-bao; Shi, Ji-Long; Huang, Yong-Shun; Liu, Li; Liu, Chao-Yang; Asiri, Abdullah M.; Alamry, Khalid A.

69	Synthesis and properties enhancement of metal nanoclusters templated on a biological molecule/ionic liquids complex	NEW JOURNAL OF CHEMISTRY	2017, 41(10), 3766-3772	SCI	<i>Wang, Wei; Peng, Xiaolun; Xiong, Huayu; Wen, Wei; Bao, Ting; Zhang, Xiuhua; Wang, Shengfu</i>
70	Direct regeneration of cathode materials from spent lithium iron phosphate batteries using a solid phase sintering method	RSC ADVANCES	2017, 7(8), 4783-4790	SCI	<i>Song, Xin; Hu, T.; Liang, C.; Long, Huali; Zhou, Lai; Song, Wei; You, L.; Wu, Z. S.; Liu, Jianwen</i>
71	A novel ratiometric fluorescent probe for selective detection of bisulfite in living cells	RSC ADVANCES	2017, 7(5), 2573-2577	SCI	<i>Chen, Zhen; Chen, Fengzao; Sun, Yuanchao; Liu, Heng; He, Hanping; Zhang, Xiuhua; Wang, Shengfu</i>
72	Synthesis of mixed-ligand Cu-MOFs and their adsorption of malachite green	RSC ADVANCES	2017, 7(49), 30904-30910	SCI	<i>Shi, Zhennan; Li, Ling; Xiao, Yuxiang; Wang, Yingxi; Sun, Keke; Wang, Hangxing; Liu, Li</i>
73	HBT-based turn-on fluorescent probe for discrimination of homocysteine from glutathione/cysteine and its bioimaging applications	RSC ADVANCES	2017, 7(27), 16387-16391	SCI	<i>Chen, Fengzao; Chen, Zhen; Sun, Yuanchao; Liu, Heng; Han, Deman; He, Hanping; Zhang, Xiuhua; Wang, Shengfu</i>
74	Renewable metal-organic-frameworks-coated 3D printing film for removal of malachite green	RSC ADVANCES	2017, 7(79), 49947-49952	SCI	<i>Shi, Zhennan; Xu, Chen; Chen, Fei; Wang, Yingxi; Li, Ling; Meng, Qingtao; Zhang, Run</i>
75	Synthesis and characterization of a bifunctional nanoprobe for CGG trinucleotide repeat detection	RSC ADVANCES	2017, 7(57), 36124-36131	SCI	<i>Zhu, Xiaoqian; Li, Jiao; Lv, Hehong; He, Hanping; Liu, Heng; Zhang, Xiuhua; Wang, Shengfu</i>
76	Graphene aerogel supported crystalline ZnO@amorphous Zn ₂ GeO ₄ core-shell hierarchical structure for lithium storage	RSC ADVANCES	2017, 7(29), 17769-17772	SCI	<i>Jiang, Meng; Zhou, Tengfei; Liu, Wei; Feng, Chuanqi; Liu, Jianwen; Guo, Zaiping</i>
77	Biodegradable Inorganic–Organic POSS–PEG Hybrid Hydrogels as Scaffolds for Tissue Engineering	Macromolecular Materials and Engineering	2017, 302, 1700142	SCI	<i>Yu, Jingjing; Liu, Zongtao; Shen, Jinrui; Lu, Cuifen; Hu, Xingjian; Dong, Nianguo; Yang, Guichun; Chen, Zuxing; Nie, Junqi</i>
78	A copper(II)-gadolinium(III) heterometallic MOF: Synthesis, structure, and electrochemical property	MATERIALS LETTERS	2017, 197, 221-223	SCI	<i>Yin, Jia-Cheng; Qin, Tian-Zhu; Hu, Chao; He, Gui-Mei; Zhao, Bo-Wei; Zhang, Chi; Wang, Juan</i>
79	One step synthesis of magnetic composite Fe ₃ O ₄ /Cu-BTC/GO	MATERIALS LETTERS	2017, 197, 196-200	SCI	<i>Li, Ling; Liu, Yana; Sun, Keke; He, Yuqi; Liu, Li</i>
80	In Situ Synthesis of Gold Nanoparticles on Wool	MATERIALS	2017, 10(3), 295	SCI	<i>Tang, Bin; Zhou, Xu; Zeng, Tian; Lin,</i>

	Powder and Their Catalytic Application				Xia; Zhou, Ji; Ye, Yong ; Wang, Xungai
81	Highly selective hydrogenation of phenol to cyclohexanol over nano silica supported Ni catalysts in aqueous medium	MOLECULAR CATALYSIS	2017, 440, 87-95	SCI	<i>He, Jie</i> ; Lu, Xinhuan ; <i>Shen, Y.</i> ; <i>Jing, Run</i> ; <i>Nie, Renfeng</i> ; Zhou, Dan; Xia, Qinghua
82	Highly selective mono-epoxidation of dicyclopentadiene with aqueous H ₂ O ₂ over heterogeneous peroxy-phosphotungstic catalysts	MOLECULAR CATALYSIS	2017, 433, 185-192	SCI	<i>Shen, Yan.</i> ; Lu, Xinhuan ; <i>Wei, Changcheng</i> ; <i>Ma, Xuetao.</i> ; <i>Peng, Cong.</i> ; <i>He, Jie</i> ; Zhou, Dan; Xia, Qinghua
83	Main-chain diphosphine-Pd polymers: Efficient self-supported heterogeneous catalysts for Suzuki-Miyaura reaction	MOLECULAR CATALYSIS	2017, 437, 89-94	SCI	<i>Wang, Yiming</i> ; Lu, Cuifen; Wang, Feiyi; Yang, Guichun; Chen, Zuxing; Nie, Junqi
84	Ferroelectric tunneling under bias voltages	JOURNAL OF PHYSICS D-APPLIED PHYSICS	2017, 50(1), 015303	SCI	Ma, Zhijun ; <i>Chen, Geng</i> ; <i>Zhou, Peng</i> ; <i>Mei, Zhiheng</i> ; <i>Zhang, Tianjin</i>
85	Synthesis of Pt _x Sn/MWCNTs and their Application in Non-enzymatic Glucose and Hydrogen Peroxide Sensors	ELECTROANALYSIS	2017, 29(3), 730-738	SCI	<i>Min, Hui</i> ; <i>Wu, Wenqin</i> ; Wu, Huimin; Wang, Shengfu; Feng, Chuanqi ; <i>Ding, Yu</i>
86	Synthesis and electrochemical properties of PbLi ₂ Ti ₆ O ₁₄ for lithium ion battery applications	JOURNAL OF SOLID STATE ELECTROCHEMISTRY	2017, 21(6), 1625-1630	SCI	<i>Sun, Xuemin</i> ; <i>Yin, Shengyu</i> ; Feng, Chuanqi
87	Preparation of Acryloyl beta-Cyclodextrin Organic Polymer Monolithic Column and Its Application in Solid-Phase Microextraction and HPLC Analysis for Carbofuran and Carbaryl in Rice	FOOD ANALYTICAL METHODS	2017, 10(12), 3847-3855	SCI	<i>Sun, Bin</i> ; <i>Wang, Chunpeng</i> ; <i>Wang, Qi</i> ; <i>Chen, Ling</i> ; <i>Dang, Xueping</i> ; <i>Huang, Jianlin</i> ; Chen, Huaixia
88	Fluorescence suppression of MPA stabilized CdTe QDs for direct determination of propranolol	ANALYTICAL METHODS	2017, 9(6), 929-936	SCI	<i>Zhang, Fan</i> ; <i>Chen, Miaomiao</i> ; <i>Zhang, Haiqing</i> ; Xiong, Huayu; Wen, Wei; Zhang, Xiuhua; Wang, Shengfu
89	Bond Order Analysis, Packing Ratio, and Electronic Structures of Two Structural Polymorphs Based on Manganese Complexes	CHINESE JOURNAL OF CHEMISTRY	2017, 35(6), 927-930	SCI	<i>Chen, Xue-Li</i> ; Zhang, Yuexing ; <i>Zhang, Ming-Yuan</i> ; Zeng, Ming-Hua
90	On the Synthesis of Stereocalpin A: Partial Retraction/Correction of Previous Results and Rationalization of the Hidden Difficulties	CHINESE JOURNAL OF CHEMISTRY	2017, 35(7), 1185-1194	SCI	<i>Zhao, Zhiwei</i> ; <i>Wu, Yikang</i> ; Li, Yan
91	LiFePO ₄ composites decorated with nitrogen-doped carbon as superior cathode	IONICS	2017, 23(12), 3295-3302	SCI	<i>Ding, Yu</i> ; <i>Pan, Pei</i> ; <i>Chen, Lihui</i> ; <i>Fu, Zhengbing</i> ; <i>Du, Jun</i> ; <i>Guo, Liangui</i> ;

	materials for lithium-ion batteries				Wang, Feng
92	Synthesis of ternary rGO-ZnO-Fe ₃ O ₄ nanocomposites and their application for visible light photocatalytic degradation of dyes	CLEAN TECHNOLOGIES AND ENVIRONMENTAL POLICY	2017, 19(8), 2161-2169	SCI	<i>You, Jiaqi</i> ; Xiang, Ying; Ge, Yili; He, Yu ; Song, Gongwu
93	A highly selective HBT-based "turn-on" fluorescent probe for hydrazine detection and its application	TETRAHEDRON LETTERS	2017, 58(26), 2596-2601	SCI	<i>Chen, Zhen</i> ; Zhong, Xinxin ; <i>Qu, Wangbo</i> ; Shi, Ting; Liu, Heng ; He, Hanping ; Zhang, Xiuhua ; Wang, Shengfu
94	Efficient synthesis of alpha-substituted ethylphosphonates via CuH-catalyzed conjugate reduction of terminal alkenylphosphonate	TETRAHEDRON LETTERS	2017, 58(48), 4538-4541	SCI	Zhang, Li; Fang, Yewen; Jin, Xiaoping; <i>Guo, Ting</i> ; Li, Ruifeng; Li, Yan ; Li, Xie; Yang, Yi; Yuan, Meijuan; Tian, Zongming
95	Silver Nanoprism-Loaded Eggshell Membrane: A Facile Platform for In Situ SERS Monitoring of Catalytic Reactions	CRYSTALS	2017, 7(2), 45	SCI	<i>Li, Yaling</i> ; Ye, Yong ; <i>Fan, Yunde</i> ; Zhou, Ji ; Jia, Li; Tang, Bin; Wang, Xungai
96	Synergy of palladium species and hydrogenation for enhanced photocatalytic activity of {001} facets dominant TiO ₂ nanosheets	JOURNAL OF MATERIALS RESEARCH	2017, 32(14), 2781-2789	SCI	Lyu, Zhipeng; Liu, Bing ; <i>Wang, Ran</i> ; Tian, Lihong
97	An HBT-Based Near-Infrared Fluorescent Probe for Colorimetric and Ratiometric Detection of Bisulfite and its Application in Living Cells	JOURNAL OF FLUORESCENCE	2017, 27(4), 1405-1411	SCI	<i>Sun, Yuanchao</i> ; <i>Chen, Zhen</i> ; <i>Chen, Fengzao</i> ; Liu, Heng ; He, Hanping ; Zhang, Xiuhua ; Wang, Shengfu
98	Turn-Off-On Fluorescence Switching of Ascorbic Acid-Reductive Silver Nanoclusters: a Sensor for Ascorbic Acid and Arginine in Biological Fluids	JOURNAL OF FLUORESCENCE	2017, 27(1), 293-302	SCI	<i>Li, Na</i> ; He, Yu ; Ge, Yili; Song, Gongwu
99	Fluorescence Detection of p-Nitrophenol in Water Using Bovine Serum Albumin Capped Ag Nanoclusters	JOURNAL OF FLUORESCENCE	2017, 27(4), 1421-1426	SCI	<i>Mao, Mi</i> ; <i>Deng, Chun</i> ; He, Yu ; Ge, Yili; Song, Gongwu
100	Fluorescent Detection of Phosphate in Aqueous Solution Based on Near Infrared Emission Ag ₂ S QDs/Metal - Organic Shell Composite	JOURNAL OF FLUORESCENCE	2017, 27(1), 227-233	SCI	<i>Yan, Dan</i> ; He, Yu ; Ge, Yili; Song, Gongwu
101	Preparation of environment-friendly 3D eggshell membrane-supported anatase TiO ₂ as a reusable photocatalyst for degradation of organic dyes	CHEMICAL PHYSICS LETTERS	2017, 689, 142-147	SCI	<i>Li, Yaling</i> ; Zhou, Ji ; <i>Fan, Yunde</i> ; Ye, Yong ; Tang, Bin
102	Fabrication of a capillary column coated with the	INORGANIC CHEMISTRY	2017, 83, 123-126	SCI	Zhang, Yan; Wang, Li; Zeng,

	four-fold-interpenetrated MOF Cd(D-Cam)(tmdpy) for gas chromatographic separation	COMMUNICATIONS			Minghua; Kurmoo, Mohamedally
103	A rod-spacer mixed ligands MOF [Mn-3(HCOO)(2)(D-cam)(2)(DMF)(2)](n) as coating material for gas chromatography capillary column	INORGANIC CHEMISTRY COMMUNICATIONS	2017, 82, 34-38	SCI	Zheng, Dan-Dan; Zhang, Yan; Wang, Li; Kurmoo, Mohamedally; Zeng, Ming-Hua
104	Efficient Removal of Organic Dyes from Water by beta-Cyclodextrin Functionalized Graphite Carbon Nitride Composite	CHEMISTRYSELECT	2017, 2(5), 1753-1758	SCI	<i>Liu, Zhongguo</i> ; Xu, Miao; Yang, Ze; Wang, Yingxi; Wang, Shiquan; Wang, Hangxing
105	beta-Cyclodextrin protected Cu nanoclusters as a novel fluorescence sensor for graphene oxide in environmental water samples	LUMINESCENCE	2017, 32(4), 596-601	SCI	<i>Zhong, Yaping</i> ; He, Yu ; Ge, Yili; Song, Gongwu
106	Synthesis, characterization and luminescent properties of three-coordinate copper(I) halide complexes containing diphenylamino monodentate phosphine ligand	JOURNAL OF COORDINATION CHEMISTRY	2017, 70(16), 2916-2928	SCI	<i>Chen, Bu-Lin</i> ; Liu, Li; Zhong, Xin-Xin ; Asiri, Abdullah M.; Alamry, Khalid A.; Li, Fa-bao ; Zhu, Nian-Yong; Wong, Wai-Yeung; Qin, Hai-Mei
107	Synthesis, characterization and luminescent properties of copper(I) halide complexes containing biphenyl bidentate phosphine ligand	JOURNAL OF COORDINATION CHEMISTRY	2017, 70(23), 3907-3919	SCI	<i>Chen, Bu-Lin</i> ; Liu, Li; Zhong, Xin-Xin ; Asiri, Abdullah M.; Alamry, Khalid A.; Li, Guang-Hua; Li, Fa-bao ; Zhu, Nian-Yong; Wong, Wai-Yeung; Qin, Hai-Mei
108	Synthesis and Electrochemical Properties of Molybdenum Disulfide/Carbon Microsphere Composite	JOURNAL OF ELECTRONIC MATERIALS	2017, 46(2), 1079-1087	SCI	<i>Jiang, Qiang; Chen, Xiao</i> ; Li, Lin; Feng, Chuanqi; Guo, Zaiping
109	Synthesis, Characterization and Luminescent Properties of Copper(I) Halide Complexes Containing 1-(Diphenylphosphino) naphthalene	JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS	2017, 27(Suppl 1), S101-S109	SCI	<i>Li, Qian</i> ; Liu, Li; Zhong, Xin-Xin; Li, Fa-bao ; Asiri, Abdullah M.; Alamry, Khalid A.; Zhu, Nian-Yong; Wong, Wai-Yeung; Qin, Hai-Mei
110	A Novel Electrochemical Sensor Based on [Ru(NH ₃)(6)]Cl ⁻³ as a Redox Indicator for the Detection of G-G Mismatched DNA	ANALYTICAL SCIENCES	2017, 33(5), 585-590	SCI	<i>Zhu, Xiaoqian; Huang, Min; Li, Jiao</i> ; He, Hanping; Zhang, Xiuhua; Wang, Shengfu
111	Four-state memory based on ferroelectric tunnel junctions with double ferroelectric layers	PHYSICA STATUS SOLIDI A-APPLICATIONS AND	2017, 214(6), 1700048	SCI	Chen, Geng; Ma, Zhijun ; Zhou, Peng; Mei, Zhiheng; Liang, Kun; Zhang,

		MATERIALS SCIENCE			Tianjin
112	Influence of reactive POSS and DDP on thermal stability and flame retardance of UPR nanocomposites	E-POLYMERS	2017, 17(6), 463-470	SCI	<i>Nie, Yongqian; Leng, Xuanxi; Jiang, Yixue; Chai, Shigan; Zhang, Jinzhi; Zou, Qichao</i>
113	Development of a Highly Efficient 3D RuPdBi/NG Electrocatalyst for Ethylene Glycol Oxidation in an Alkaline Media	INTERNATIONAL JOURNAL OF ELECTROCHEMICAL SCIENCE	2017, 12(11), 11030-11041	SCI	<i>Pan, Yaxi; Chen, Menghuan; Wu, Si; Li, Yue; Lu, Di; Xu, Hongkun; Peng, Weiwei; Zhou, Liqun</i>
114	Electrochemical Determination of Uric Acid Using a Multiwalled Carbon Nanotube Platinum-Nickel Alloy Glassy Carbon Electrode	ANALYTICAL LETTERS	2017, 50(1), 91-104	SCI	<i>Wu, Wenqin; Min, Hui; Wu, Huimin; Ding, Yu; Yang, Shuijin</i>
115	Magnetic Solid-Phase Extraction of N,N-Diethyl-m-Toluamide From Baby Toilet Water Prior to its HPLC-UV Detection	JOURNAL OF CHROMATOGRAPHIC SCIENCE	2017, 55(6), 662-668	SCI	<i>Ma, Xiaowei; Feng, Fan; Yang, Yang; Dang, Xueping; Huang, Jianlin; Chen, Huaixia</i>
116	Synthesis of Lanthanum Modified Titanium Pillared Montmorillonite and Its Application for Removal of Phosphate from Wastewater	SCIENCE OF ADVANCED MATERIALS	2017, 9(3-4), 673-681	SCI	<i>Zhang, Yanqing; Zhang, Yimin; Liu, Tao; Ai, Zhaoquan; Yang, Shifang</i>
117	Electrochemical Performance of MoS ₂ Cathode Prepared by Exfoliation-Restacking Process for Lithium Ion Batteries	SCIENCE OF ADVANCED MATERIALS	2017, 9(3-4), 546-551	SCI	Wang, Shiquan ; <i>Zhang, Qing; Jiang, Xueya; Zheng, Diwei; Li, Lin; Xu, Shan; Zheng, Hao; Kim, Seung-Joo; Feng, Chuanqi</i>
118	Synthesis and Electrochemical Properties of CuCo ₂ O ₄ as Anode Material for Lithium-Ion Battery	JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY	2017, 17(7), 4763-4771	SCI	<i>Lu, Lin; Min, Feixia; Luo, Zhaohui; Wang, Shiquan; Teng, Fei; Li, Guohua; Feng, Chuanqi</i>
119	Hydrothermal Synthesis of Cu-Doped beta-MnO ₂ Nanorods as Cathode Material for Lithium Ion Battery Applications	JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY	2017, 17(3), 2109-2115	SCI	<i>Xu, Shan; Lu, Lin; Liu, Lian; Luo, Zhaohui; Wang, Shiquan; Li, Guohua; Feng, Chuanqi</i>
120	Hydrothermal Synthesis and Electrochemical Performance of Manganese Oxide (Na-OMS-2) Nanorods	JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY	2017, 17(2), 1470-1475	SCI	<i>Zhang, Qing; Xu, Shan; Zheng, Hao; Luo, Zhaohui; Liu, Kang; Wang, Wei; Li, Guohua; Wang, Shiquan; Liu, Jianwen; Feng, Chuanqi</i>
121	Oxidative desulfurization of thiophene derivatives with H ₂ O ₂ in the presence of catalysts based on MoO ₃ /Al ₂ O ₃ under mild conditions	KINETICS AND CATALYSIS	2017, 58(1), 28-33	SCI	<i>Shen, Yan.; Lu, Xinhuan; Ma, Xuetao; He, Jie; Zhang, Dedong; Zhan, Hongju; Xia, Qinghua</i>