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6	孙锦玉	coordination polymer built of 4-(1,2,4-triazol-4-yl) phenylphosphonate: Synthesis, structure and ferromagnetic magnetic property	INORGANICA CHIMICA ACTA	2016	447	1-5
7	张蕾	Application of ionic liquid-based dispersive liquid phase microextraction for highly sensitive simultaneous determination of three endocrine disrupting compounds in food packaging	FOOD CHEMISTRY	2016	197	75-76
8	韩正波	Exceptionally Robust In-Based Metal-Organic Framework for Highly Efficient Carbon Dioxide Capture and Conversion	INORGANIC CHEMISTRY	2016	655	35-35
9	张向东	Bis-boron-capped tris (dioxime) cage complexes with terminal carbonyl groups	INORGANIC CHEMISTRY COMMUNICATIONS	2016	665	63
10	关伟	Synthesis of Lanthanide-Based Room Temperature Ionic Liquids with Strong Luminescence and Selective Sensing of Fe(III) over Mixed Metal Ions	INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH	2016	655	22-22
11	张蕾	Microwave-Assisted Catalytic Degradation of Crystal Violet with Barium Ferrite Nanomaterial	INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH	2016	655	11-11
12	张蕾	New approach for the simultaneous determination fungicide residues in food samples by using carbon nanofiber packed microcolumn coupled with HPLC	FOOD CONTROL	2016	660	1-6
13	房大维	Extraction of perrhenate anion from aqueous sulphuric acid medium and its thermodynamics	FLUID PHASE EQUILIBRIA	2016	408	15

14	许旭	Functionalized Multiwalled Carbon Nanotube as Dispersive Solid-Phase Extraction Materials Combined with High-Performance Liquid Chromatography for Thiabendazole Analysis in Environmental and Food Samp	FOOD ANALYTICAL METHODS	2016	9	30
15	韩正波	A 3D Cd(II)-organic coordination polymer demonstrating selective sensing of Zn ²⁺ ion and nitrobenzene	INORGANICA CHIMICA ACTA	2016	453	30:30
16	宋溪明, 葛昊	Nanoparticles-Constructed Spinel Li ₄ Ti ₅ O ₁₂ with Extra Surface Lithium Storage Capability towards Advanced Lithium-ion Batteries	ELECTROCHIMICA ACTA	2016	211	11:12
17	孙锦玉	A Cu-I-Phosphonotriazolate Coordination Polymer Based on [Cu-I Cl-4] Cluster for Fluorescent Sensing of O-2	CHEMISTRYSELECT	2016	1	19:19
18	王君	Preparation of Er ³⁺ :Y ₃ Al ₅ O ₁₂ /TiO ₂ composite film and application in visible light photocatalytic degradation of organic dyes	DESALINATION AND WATER TREATMENT	2016	57	28:28
19	吴秋华	Thermo/pH Dual Responsive Mixed-Shell Polymeric Micelles Based on the Complementary Multiple Hydrogen Bonds for Drug Delivery	CHEMISTRY-AN ASIAN JOURNAL	2016	11	11:11
20	郭放	Second sphere coordination of hybrid metal-organic materials: solid state reactivity	DALTON TRANSACTIONS	2016	45	13:13
		Exploiting polymorphism in second sphere coordination: thermal				24

21	郭放	transformation, NLO properties and selective mechanochemical synthesis	CRYSTENGCOMM	2016	18	24
22	郭放	Crystal engineering of a hybrid metal-organic host framework and its single-crystal-to-single-crystal guest exchange using second sphere coordination	CRYSTENGCOMM	2016	18	22; 22;
23	吴阳	First principles study of enhanced CO ₂ adsorption on MOF-253 by salt-insertion	COMPUTATIONAL MATERIALS SCIENCE	2016	111	79
24	Yan Xiao, Chen Shunquan	Enhanced performance of Fe ₂ O ₃ doped yttria stabilized zirconia hollow fiber membranes for water treatment	CERAMICS INTERNATIONAL	2016	42	15; 15;
25	宋溪明	Poly(zwitterionic liquids) functionalized polypyrrole/graphene oxide nanosheets for electrochemically detecting dopamine at low concentration	MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS	2016	65	14; 15;
26	张国林	Microwave synthesis of carbon dots with multi-response using denatured proteins as carbon source	RSC ADVANCES	2016	66	11; 11;
27	张国林	Multicompartment micelles based on hierarchical co-assembly of PCL-b-PEG and PCL-b-P4VP diblock copolymers	RSC ADVANCES	2016	66	53 53
28	金旭东	Synthesis, characterization, and crystal structure of cobalt(II) and zinc(II) complexes with a bulky Schiff base derived from rimantadine	RUSSIAN JOURNAL OF COORDINATION CHEMISTRY	2016	42	53; 54;
29	张蕾	Construction of a three-dimensional nest-like lithium ferrite/reduced	NEW JOURNAL	2016	40	71

		graphene oxide composite with enhanced visible-light photocatalytic activity	OF CHEMISTRY			71:
30	宋溪明, 张谦	Self-assembly of novel fluorescent quantum dot-cerasome hybrid for bioelectrochemistry	TALANTA	2016	154	31:
31	熊英	Selectivity recovery of molybdenum(VI) from rhenium(VII) by amine-modified persimmon waste	RARE METALS	2016	635	50: 50:
32	王君	Photocatalytic degradation of organic dyes by Er ³⁺ :YAlO ₃ /Co- and Fe-doped ZnO coated composites under solar irradiation	RUSSIAN JOURNAL OF PHYSICAL CHEMISTRY A	2016	90	26: 26:
33	王君	Preparation of Er ³⁺ :YAlO ₃ /Fe- and Co-doped TiO ₂ -ZnO coated composites and their visible-light photocatalytic activity in degradation of some organic dyes	RESEARCH ON CHEMICAL INTERMEDIATES	2016	42	46: 46:
34	王君	Efficient photocatalytic hydrogen evolution from methanol/water splitting over Tm ³⁺ ,Yb ³⁺ :NaYF ₄ -Er ³⁺ :Y ₃ Al ₅ O ₁₂ /MoS ₂ -NaTaO ₃ nanocomposite particles under infrared-visible light irradiation	SOLAR ENERGY MATERIALS AND SOLAR CELLS	2016	149	12: 13:
35	梁福顺	Direct α-amination of nitrones achieved by DBU-activated N-haloimides	Tetrahedron Letters	2016	57	38: 38:
36	张蕾	Functionalization of magnetic hollow porous oval shape NiFe ₂ O ₄ as a highly selective sorbent for the simultaneous determination of five heavy metals in real samples	TALANTA	2016	161	28: 29:
		Synthesis of 4-quinolones				

37	黄鹏	via triflic anhydride-mediated intramolecular Houben-Hoesch reaction of beta-arylamino acrylonitriles	TETRAHEDRON	2016	72	141 141
38	王君	Synthesis and structural determination of mononuclear eight-coordinate (EnH)[Lu-III (Egta)] center dot 2H(2)O and 2D ladder-like nine-coordinate (EnH ₂)[Y-III (Egta)(H ₂ O)](2) center dot 6H(2)O	RUSSIAN JOURNAL OF COORDINATION CHEMISTRY	2016	42	207 211
39	张蕾	Dynamic separation and recovery of osmium using gamma-nano-Al ₂ O ₃ in a packed column adsorption system	RESEARCH ON CHEMICAL INTERMEDIATES	2016	42	267 271
40	马凤才	pH-Dependent plasmonic catalysis of 4-nitrobenzenethiol in aqueous environment	SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY	2016	153	547 547
41	马凤才	Optical advantages of graphene on the boron nitride in visible and SW-NIR regions	RSC ADVANCES	2016	66	111 111
42	宋溪明	Hydrophilic polymer/polypyrrole/graphene oxide nanosheets with different performances in electrocatalytic applications to simultaneously determine dopamine and ascorbic acid	RSC Advances	2016	66	111 111
43	韩正波	A luminescent metal-organic framework for highly selective sensing of nitrobenzene and aniline	RSC ADVANCES	2016	66	877 877
		Methanol-Influenced	SYNTHESIS AND REACTIVITY			

44	郭放	Assembly of Metal-Organic Hybrid Compounds Based on Propane-1,3-diamine Ligands and [XCl ₄](2-) (X = Zn, Hg)	IN INORGANIC METAL-ORGANIC AND NANO-METAL CHEMISTRY	2016	46	14.14
45	宋溪明	A biocompatible cerasome based platform for direct electrochemistry of cholesterol oxidase and cholesterol sensing	RSC ADVANCES	2016	66	70.70
46	宋溪明	Significant photoelectric conversion properties of multilayer films formed by a cationic zinc phthalocyanine complex and graphene oxide	RSC ADVANCES	2016	66	67.67
47	梁福顺	Visible-Light-Mediated Oxidative Dimerization of Arylalkynes in the Open Air: Stereoselective Synthesis of (Z) 1,4-Enediones	Organic Letters	2016	18	58.58
48	宋溪明	Direct electrochemistry of cholesterol oxidase and biosensing of cholesterol based on PSS/polymeric ionic liquid-graphene nanocomposite	RSC ADVANCES	2016	66	59.59
49	韩正波	Anionic metal-organic framework for high-efficiency pollutant removal and selective sensing of Fe(III) ions	RSC ADVANCES	2016	66	60.60
50	夏立新	Highly efficient and selective hydrogenation of chloronitrobenzenes to chloroanilines by H-2 over confined silver nanoparticles	RSC ADVANCES	2016	66	31.31
51	韩正波	Luminescent lanthanide-organic polyrotaxane framework as a turn-off sensor for nitrobenzene	RSC ADVANCES	2016	66	19.19

		and Fe ³⁺			
52	夏立新	Charge Distribution Dependent Spectral Analysis of the Oxidized Diferrocenyl-Oligothiophene-Vinylene Molecular Wires	SCIENTIFIC REPORTS	2016	66 35
53	关伟	Vaporization enthalpy and the molar surface Gibbs free energy for ionic liquids [C(n)Dmim][NTF2] (n=2, 4)	JOURNAL OF CHEMICAL THERMODYNAMICS	2016	101 27; 28
54	佟静	The thermodynamics of the activation for viscous flow of aqueous [C(6)mim][Ala] (1-hexyl-3-methylimidazolium alanine salt)	JOURNAL OF CHEMICAL THERMODYNAMICS	2016	101 35; 36
55	郭兴家	Binding nature and conformational alternations of bovine serum albumin upon interaction with synthesized LaF ₃ :Ce,Tb luminescent nanocrystals using multi-spectroscopic approach	JOURNAL OF LUMINESCENCE	2016	178 21; 21
56	张蕾	Magnetic solid-phase extraction using nanoporous three dimensional graphene hybrid materials for high-capacity enrichment and simultaneous detection of nine bisphenol analogs from water sample	JOURNAL OF CHROMATOGRAPHY A	2016	14631-1
57	张蕾	Ionic liquid @LiFe ₅ O ₈ /MWCNTs magnetic nanohybrid as enhanced sensing platform for highly sensitive detection of estrogenic disrupting compound bisphenol AP	JOURNAL OF APPLIED ELECTROCHEMISTRY	2016	46 96; 97
		Study on thermophysical properties for aqueous	JOURNAL OF		39

58	关伟	solutions of ionic liquid N-ethyl-pyridine dicyanamide [C(2)py][DCA]	MOLECULAR LIQUIDS	2016	219	39
59	关伟	Determination of vaporization enthalpy for ionic liquids [C(n)mim][Lact] (n=2, 3, 5) and applications of the molar surface Gibbs free energy	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2016	125	54 55
60	张蕾	Ultrasonic-assisted sol-gel synthesis of rugby-shaped SrFe ₂ O ₄ /reduced graphene oxide hybrid as versatile visible light photocatalyst	JOURNAL OF THE TAIWAN INSTITUTE OF CHEMICAL ENGINEERS	2016	69	15 16
61	夏立新	Chemical mechanism of surface-enhanced Raman scattering via charge transfer in fluorenone-Ag complex	JOURNAL OF PHYSICS-CONDENSED MATTER	2016	28	21
62	佟静	The molar surface Gibbs free energy and its application 2: Ionic liquids 1-alkyl-3-methylimidazolium threonine salts [C(n)mim][Thr] (n=2, 4) at T = (288.15 to 328.15) K	JOURNAL OF CHEMICAL THERMODYNAMICS	2016	97	22 23
63	佟静	The molar surface Gibbs energy of the aqueous solution of the ionic liquid [C(6)mim][OAc]	JOURNAL OF CHEMICAL THERMODYNAMICS	2016	97	36 36
64	臧树良	Thermodynamics Study of Rhenium Solvent Extraction Process from Sulfuric Acid Medium	JOURNAL OF CHEMICAL AND ENGINEERING DATA	2016	61	15 15
65	葛春华	A facile strategy to fabricate carboxyl-rich carbon spheres with copper-based MOFs through coordination bond	JOURNAL OF POROUS MATERIALS	2016	23	15 15
		The structures,				

66	韩正波	cytotoxicity, apoptosis and molecular docking controlled by the aliphatic chain of palladium(II) complexes	JOURNAL OF INORGANIC BIOCHEMISTRY	2016	157	34
67	关伟	The molar surface Gibbs energy and prediction of surface tension of [C(n)py][DCA] (n=3,4,5)	JOURNAL OF CHEMICAL THERMODYNAMICS	2016	95	21
68	韩正波	Facile Synthesis of ZIF-8/ZnO/Polyoxometalate Ternary Composite Materials for Efficient and Rapid Removal of Cationic Organic Dye	JOURNAL OF CLUSTER SCIENCE	2016	27	56, 57
69	佟静	The Density and Surface Tension of Aqueous Solutions of Propionate Ionic Liquids: [C(4)mim][Pro] and [C(6)mim][Pro] at Different Temperatures	JOURNAL OF SOLUTION CHEMISTRY	2016	45	18, 19
70	张蕾	Magnetic nanosized calcium ferrite particles for efficient degradation of crystal violet using a microwave-induced catalytic method: insight into the degradation pathway	JOURNAL OF CHEMICAL TECHNOLOGY AND BIOTECHNOLOGY	2016	91	36, 37
71	关伟	Study on thermodynamic property for ionic liquid [C(4)mim][Lact](1-butyl-3-methylimidazolium lactic acid)	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2016	123	16, 16
72	熊英	Selective recovery of Ag(I) coordination anion from simulate nickel electrolyte using corn stalk based adsorbent modified by ammonia-thiosemicarbazide	JOURNAL OF HAZARDOUS MATERIALS	2016	301	27, 28
73	张蕾	Ionic Liquids-Modified CaFe2O4/MWCNTs Nano-Hybrid as an Electrode Material for Detection of	JOURNAL OF THE ELECTROCHEMICAL SOCIETY	2016	163	B6, B6

		Carbendazim			
74	王建国	Effect of Buffer Capacity and Ascorbic Acid on the Cyclization Reaction of Electrochemically Oxidized Dopamine, Levodopa, and Adrenaline on the Glassy Carbon Electrode	JOURNAL OF THE ELECTROCHEMICAL SOCIETY	2016	163 H7 H7
75	葛昊	Ag quantum dots promoted Li ₄ Ti ₅ O ₁₂ /TiO ₂ nanosheets with ultrahigh reversible capacity and super rate performance for power lithium-ion batteries	JOURNAL OF MATERIALS CHEMISTRY A	2016	16 16
76	金旭东	Syntheses and crystal structures of three copper (II) complexes with bulky Schiff bases derived from rimantadine	JOURNAL OF COORDINATION CHEMISTRY	2016	69 33 33
77	郭放	High-efficiency deep-red quantum-dot light-emitting diodes with type-II CdSe/CdTe core/shell quantum dots as emissive layers	JOURNAL OF MATERIALS CHEMISTRY C	2016	4 72 72
78	张宇	Facile preparation of one dimension ZnO/chalcogenide semiconductor heterostructure for efficient photoelectrochemical water splitting	JOURNAL OF ALLOYS AND COMPOUNDS	2016	685 58 58
79	王建国	A Method for the Determination of Weak Acid Concentration Based on Electrochemical Reduction of Benzoquinone	JOURNAL OF THE ELECTROCHEMICAL SOCIETY	2016	163 H3 H3
80	王建国	The Impact of "Effective pH" on the Voltammetric Behavior of p-Benzoquinone and Hydroquinone in Acetonit	JOURNAL OF THE ELECTROCHEMICAL SOCIETY	2016	163 H2 H2
		Hydrogen-Bond			

81	郭放	Reorganization of a Solid-State Dehydration Process in a Salt of Tris (hydroxymethyl) aminomethane and Sulfosalicylic Acid, Investigated by Powder X-ray Diffraction	JOURNAL OF CHEMICAL CRYSTALLOGRAPHY	2016	46	1-8
82	王君	Preparation of Er ³⁺ :Y ₃ Al ₅ O ₁₂ /KNbO ₃ composite and application in innocent treatment of ketamine by using sonocatalytic decomposition method	JOURNAL OF HAZARDOUS MATERIALS	2016	317	66-67
83	关伟	The molar surface Gibbs free energy and its application for aqueous solutions of ionic liquid N-butyl-pyridinium dicyanamide [C(4)py][DCA]	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	2016	126	85-86
84	张谦	Ionic liquid based polymeric liposomes: A stable and biocompatible soft platform for bioelectrochemistry	BIOELECTROCHEMISTRY	2016	111	41
85	张蕾	Ionic liquid-assisted electrochemical determination of pyrimethanil using reduced graphene oxide conjugated to flower-like NiCo ₂ O ₄	ANALYTICA CHIMICA ACTA	2016	935	10-11
86	吴阳	A Theoretical Study of the Thermodynamic Properties of Imidazolium Acetate Ionic Liquids	ACTA PHYSICO-CHIMICA SINICA	2016	32	19-19
88	张蕾	Superior performance of 3 D Co-Ni bimetallic oxides for catalytic degradation of organic dye: Investigation on the effect of catalyst morphology and catalytic mechanism	APPLIED CATALYSIS B- ENVIRONMENTAL	2016	186	19-20
89	佟静	Molar Surface Gibbs Free Energy of the Aqueous	ACTA PHYSICO-	2016	32	11

		Solution of the Ionic Liquid [C(2)mim][OAc]	CHIMICA SINICA			11
90	宋溪明	Advanced Mesoporous Spinel Li4Ti5O12/rGO Composites with Increased Surface Lithium Storage Capability for High-Power Lithium-Ion Batteries	ACS APPLIED MATERIALS & INTERFACES	2016	8	91 91
91	宋溪明	Mechanism of the formation and growth of fine particles clustered polymer microspheres by simple one-step polymerization in aqueous alcohol system	APPLIED SURFACE SCIENCE	2016	363	39 40
94	王君	Preparation of cube micrometer potassium niobate (KNbO3) by hydrothermal method and sonocatalytic degradation of organic dye	ULTRASONICS SONOCHEMISTRY	2016	30	61
95	葛春华	Crystal structure of (E)-4-nitro-2-(((3-(tetrahydro-8 lambda(4)-[1,3,2] oxazaborolo[2,3-b][1,3,2] oxaborol-8-yl)phenyl)imino)met hyl)phenol - water (1/2), C17H18BN3O5 center dot 2H(2)O	ZEITSCHRIFT FUR KRISTALLOGRAPHIE -NEW CRYSTAL STRUCTURES	2016	231	9

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