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## 2013年发表的部分论文

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1	Tailoring the Nanostructured Surfaces of Hydroxyapatite Bioceramics to Promote Protein Adsorption, Osteoblast Growth, and Osteogenic Differentiation	ACS Appl. Mater. Interfaces	5	8008-8017	10.1021/am402089w
2	Preparation and Characterization of Self-Supporting Thermochromic Films Composed of VO <sub>2</sub> (M)@SiO <sub>2</sub> Nanofibers	ACS Appl. Mater. Interfaces	5	6453-6457	10.1021/am401839d
3	Modification of Mott Phase Transition Characteristics in VO <sub>2</sub> @TiO <sub>2</sub> Core/Shell Nanostructures by Misfit-Strained Heteroepitaxy	ACS Appl. Mater. Interfaces	5	6603-6614	10.1021/am401297g
4	Imine-Linked Polymer-Derived Nitrogen-Doped Microporous Carbons with Excellent CO <sub>2</sub> Capture Properties	ACS Appl. Mater. Interfaces	5	3160-3167	10.1021/am400059t
5	Stimulatory effects of the ionic products from Ca-Mg-Si bioceramics on both osteogenesis and angiogenesis in vitro	Acta Biomater.	9	8004-8014	10.1016/j.actbio.2013.04.024
6	Electron storage mediated dark antibacterial action of bound silver nanoparticles: Smaller is not always better	Acta Biomater.	9	5100-5110	10.1016/j.actbio.2012.10.017
7	Role of epitaxial microstructure, stress and twin boundaries in the metal-insulator transition mechanism in VO <sub>2</sub> /Al <sub>2</sub> O <sub>3</sub> heterostructures	Acta Mater.	61	6443-6452	10.1016/j.actamat.2013.07.022
8	NIR-Triggered Anticancer Drug Delivery by Upconverting Nanoparticles with Integrated Azobenzene-Modified Mesoporous Silica	Angew. Chem.-Int. Edit.	52	4375-4379	10.1002/anie.201300183
9	A facile one-pot synthesis of hierarchically porous Cu(I)-ZSM-5 for radicals-involved oxidation of cyclohexane	Appl. Catal. A-Gen.	451	112-119	10.1016/j.apcata.2012.11.023
10	Room-temperature catalytic removal of low-concentration NO over mesoporous Fe-Mn binary oxide synthesized using a template-free approach	Appl. Catal. B-Environ.	140	42-50	10.1016/j.apcatb.2013.03.030
11	Water splitting from dye wastewater: A case study of BiOCl/copper(II) phthalocyanine composite photocatalyst	Appl. Catal. B-Environ.	132	315-320	10.1016/j.apcatb.2012.12.003
12	Effects of ferroelectric-poling-induced strain on magnetic and transport properties of La <sub>0.67</sub> Ba <sub>0.33</sub> MnO <sub>3</sub> thin films grown on (111)-oriented ferroelectric substrates	Appl. Phys. Lett.	103		10.1063/1.4822269
13	Enhancement of thermoelectric performance in slightly charge-compensated CeyCo <sub>4</sub> Sb <sub>12</sub> skutterudites	Appl. Phys. Lett.	103		10.1063/1.4817720
14	Nanotube array controlled carbon plasma deposition	Appl. Phys. Lett.	102		10.1063/1.4811747
15	Field-induced resistive switching of (Ba <sub>0.6</sub> Sr <sub>0.4</sub> )TiO <sub>3</sub> thin films based on switching of conducting domains model	Appl. Phys. Lett.	102		10.1063/1.4809532

16	A Gd-doped Mg-Al-LDH/Au nanocomposite for CT/MR bimodal imagings and simultaneous drug delivery	Biomaterials	34	3390-3401	10.1016/j.biomaterials.2013.01.070
17	Overcoming multidrug resistance of cancer cells by direct intranuclear drug delivery using TAT-conjugated mesoporous silica nanoparticles	Biomaterials	34	2719-2730	10.1016/j.biomaterials.2012.12.040
18	Au-nanoparticle coated mesoporous silica nanocapsule-based multifunctional platform for ultrasound mediated imaging, cytolysis and tumor ablation	Biomaterials	34	2057-2068	10.1016/j.biomaterials.2012.11.044
19	Copper-containing mesoporous bioactive glass scaffolds with multifunctional properties of angiogenesis capacity, osteostimulation and antibacterial activity	Biomaterials	34	422-433	10.1016/j.biomaterials.2012.09.066
20	Chitosan derived nitrogen-doped microporous carbons for high performance CO <sub>2</sub> capture	Carbon	61	423-430	10.1016/j.carbon.2013.05.026
21	KF-loaded mesoporous Mg-Fe bi-metal oxides: high performance transesterification catalysts for biodiesel production	Chem. Commun.	49	8006-8008	10.1039/c3cc44494e
22	Strontium substituted hydroxyapatite porous microspheres: Surfactant-free hydrothermal synthesis, enhanced biological response and sustained drug release	Chem. Eng. J.	222	49-59	10.1016/j.cej.2013.02.037
23	Dual-Mesoporous ZSM-5 Zeolite with Highly b-Axis-Oriented Large Mesopore Channels for the Production of Benzoin Ethyl Ether	Chem.-Eur. J.	19	10017-10023	10.1002/chem.201300245
24	Hydroxyapatite Hierarchically Nanostructured Porous Hollow Microspheres: Rapid, Sustainable Microwave-Hydrothermal Synthesis by Using Creatine Phosphate as an Organic Phosphorus Source and Application in Drug Delivery and Protein Adsorption	Chem.-Eur. J.	19	5332-5341	10.1002/chem.201203886
25	Highly Stable Amorphous Calcium Phosphate Porous Nanospheres: Microwave-Assisted Rapid Synthesis Using ATP as Phosphorus Source and Stabilizer, and Their Application in Anticancer Drug Delivery	Chem.-Eur. J.	19	981-987	10.1002/chem.201202829
26	Calcium Phosphate Hybrid Nanoparticles: Self-Assembly Formation, Characterization, and Application as an Anticancer Drug Nanocarrier	Chem.-Asian J.	8	1306-1312	10.1002/asia.201300083
27	Hierarchical Hollow Hydroxyapatite Microspheres: Microwave-Assisted Rapid Synthesis by Using Pyridoxal-5'-Phosphate as a Phosphorus Source and Application in Drug Delivery	Chem.-Asian J.	8	1313-1320	10.1002/asia.201300142
28	Facile Fabrication of Nanorod-Assembled Fluorine-Substituted Hydroxyapatite (FHA) Microspheres	Chem.-Asian J.	8	990-996	10.1002/asia.201201233
29	An In Situ Carbonization-Replication Method to Synthesize Mesostructured WO <sub>3</sub> /C Composite as Nonprecious-Metal Anode Catalyst in PEMFC	Chem.-Asian J.	8	429-436	10.1002/asia.201200902
30	Fructose 1,6-Bisphosphate Trisodium Salt as A New Phosphorus Source for the Rapid Microwave Synthesis of Porous Calcium-Phosphate Microspheres and their Application in Drug Delivery	Chem.-Asian J.	8	88-94	10.1002/asia.201200901
31	Enhanced apatite-forming ability and cytocompatibility of porous and nanostructured TiO <sub>2</sub> /CaSiO <sub>3</sub> coating on titanium	Colloid Surf. B-Biointerfaces	101	83-90	10.1016/j.colsurfb.2012.06.021
32	High thermal conductive polyvinyl alcohol composites with hexagonal boron nitride microplatelets as fillers	Compos. Sci. Technol.	85	98-103	10.1016/j.compscitech.2013.06.010
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33	and nanowires using riboflavin-5'-phosphate monosodium salt as a new phosphorus source and their application in protein adsorption	Crystengcomm	15	7926-7935	10.1039/c3ce41255e
34	A general synthesis strategy for one-dimensional Bi <sub>2</sub> MO <sub>6</sub> (M = Mo, W) photocatalysts using an electrospinning method	Crystengcomm	15	7959-7964	10.1039/c3ce41347k
35	Hollow magnetic hydroxyapatite microspheres with hierarchically mesoporous microstructure for pH-responsive drug delivery	Crystengcomm	15	2999-3008	10.1039/c3ce26683d
36	Nanosheet-assembled hierarchical nanostructures of hydroxyapatite: surfactant-free microwave-hydrothermal rapid synthesis, protein/DNA adsorption and pH-controlled release	Crystengcomm	15	206-212	10.1039/c2ce26315g
37	Infrared-light-induced photocatalysis on BiErWO <sub>6</sub>	Dalton Trans.	42	12072-12074	10.1039/c3dt50470k
38	High surface area mesoporous LaFe <sub>x</sub> Co <sub>1-x</sub> O <sub>3</sub> oxides: synthesis and electrocatalytic property for oxygen reduction	Dalton Trans.	42	9448-9452	10.1039/c3dt50151e
39	Amorphous calcium silicate hydrate/block copolymer hybrid nanoparticles: synthesis and application as drug carriers	Dalton Trans.	42	7032-7040	10.1039/c3dt50143d
40	Large improvement of photo-response of CuPc sensitized Bi <sub>2</sub> WO <sub>6</sub> with enhanced photocatalytic activity	Dalton Trans.	42	4579-4585	10.1039/c2dt32622a
41	A facile synthesis of iron functionalized hierarchically porous ZSM-5 and its visible-light photocatalytic degradation of organic pollutants	Dalton Trans.	42	890-893	10.1039/c2dt32144k
42	Promotion of charge transport in low-temperature fabricated TiO <sub>2</sub> electrodes by curing-induced compression stress	Electrochim. Acta	100	85-92	10.1016/j.electacta.2013.03.127
43	Improved electrochemical properties of MnO thin film anodes by elevated deposition temperatures: Study of conversion reactions	Electrochim. Acta	89	229-238	10.1016/j.electacta.2012.10.164
44	Effects of ferroelectric polarization switching on the electronic transport and magnetic properties of La <sub>0.8</sub> Ce <sub>0.2</sub> MnO <sub>3</sub> epitaxial thin films	J. Appl. Phys.	114		10.1063/1.4817080
45	Highly chemoselective esterification for the synthesis of monobutyl itaconate catalyzed by hierarchical porous zeolites	J. Catal.	299	20-29	10.1016/j.jcat.2012.11.034
46	Preparation of V <sub>x</sub> W <sub>1-x</sub> O <sub>2</sub> (M)@SiO <sub>2</sub> ultrathin nanostructures with high optical performance and optimization for smart windows by etching	J. Mater. Chem. A	1	12545-12552	10.1039/c3ta12232h
47	Highly porous nitrogen-doped polyimine-based carbons with adjustable microstructures for CO <sub>2</sub> capture	J. Mater. Chem. A	1	10951-10961	10.1039/c3ta11995e
48	Template-free synthesis of mesoporous X-Mn (X = Co, Ni, Zn) bimetal oxides and catalytic application in the room temperature removal of low-concentration NO	J. Mater. Chem. A	1	10218-10227	10.1039/c3ta10971b
49	Synthesis of alpha-Fe <sub>2</sub> O <sub>3</sub> nanoparticles from Fe(OH) <sub>3</sub> sol and their composite with reduced graphene oxide for lithium ion batteries	J. Mater. Chem. A	1	7154-7158	10.1039/c3ta00183k
50	Flexible free-standing hollow Fe <sub>3</sub> O <sub>4</sub> /graphene hybrid films for lithium-ion batteries	J. Mater. Chem. A	1	1794-1800	10.1039/c2ta00753c
51	Functional mesoporous bioactive glass nanospheres: synthesis, high loading efficiency, controllable delivery of doxorubicin and inhibitory effect on bone cancer cells	J. Mat. Chem. B	1	2710-2718	10.1039/c3tb20275e
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52	properties: material chemistry activating osteogenic genes and WNT signalling pathway of human bone marrow stromal cells	J. Mat. Chem. B	1	876-885	10.1039/c2tb00391k
53	Macromolecules on nano-outlets responding to electric field and pH for dual-mode drug delivery	J. Mat. Chem. B	1	1579-1583	10.1039/c3tb00362k
54	Containerless processing for preparation of akermanite bioceramic spheres with homogeneous structure, tailored bioactivity and degradation	J. Mat. Chem. B	1	1019-1026	10.1039/c2tb00215a
55	Bi <sub>2</sub> WO <sub>6</sub> Quantum Dots Decorated Reduced Graphene Oxide: Improved Charge Separation and Enhanced Photoconversion Efficiency	J. Phys. Chem. C	117	9113-9120	10.1021/jp4004592
56	First-Principles Studies on Hydrogen Desorption Mechanism of MgH <sub>2</sub> n (n=3, 4)	J. Phys. Chem. C	117	8099-8104	10.1021/jp400969n
57	Tracking Formation and Decomposition of Abacus-Ball-Shaped Lithium Peroxides in Li-O <sub>2</sub> Cells	J. Phys. Chem. C	117	2623-2627	10.1021/jp310765s
58	High performance MnO thin-film anodes grown by radio-frequency sputtering for lithium ion batteries	J. Power Sources	244	731-735	10.1016/j.jpowsour.2012.11.071
59	Lithium-oxygen cells with ionic-liquid-based electrolytes and vertically aligned carbon nanotube cathodes	J. Power Sources	235	251-255	10.1016/j.jpowsour.2013.02.025
60	High Tunability of Nonepitaxially Grown Ba <sub>0.6</sub> Sr <sub>0.4</sub> TiO <sub>3</sub> Thin Films Prepared by Plasma-Assisted Pulsed Laser Deposition	J. Am. Ceram. Soc.	96	2725-2727	10.1111/jace.12554
61	Pressureless Sintering of Hafnium Carbide-Silicon Carbide Ceramics	J. Am. Ceram. Soc.	96	1751-1756	10.1111/jace.12339
62	Reaction Sintering of HfC/W Cermets with High Strength and Toughness	J. Am. Ceram. Soc.	96	867-872	10.1111/jace.12139
63	Preparation, Characterization, and In Vitro Bioactivity of Nagelschmidite Bioceramics	J. Am. Ceram. Soc.	96	928-934	10.1111/jace.12059
64	Reactive Hot Pressing of ZrC-SiC Ceramics at Low Temperature	J. Am. Ceram. Soc.	96	32-36	10.1111/jace.12090
65	An FeF <sub>3</sub> center dot 0.5H <sub>2</sub> O Polytype: A Microporous Framework Compound with Intersecting Tunnels for Li and Na Batteries	J. Am. Chem. Soc.	135	11425-11428	10.1021/ja402061q
66	Rattle-Structured Multifunctional Nanotheranostics for Synergetic Chemo-/Radiotherapy and Simultaneous Magnetic/Luminescent Dual-Mode Imaging	J. Am. Chem. Soc.	135	6494-6503	10.1021/ja312225b
67	Microwave-assisted hydrothermal preparation using adenosine 5'-triphosphate disodium salt as a phosphate source and characterization of zinc-doped amorphous calcium phosphate mesoporous microspheres	Microporous Mesoporous Mat.	180	79-85	10.1016/j.micromeso.2013.06.020
68	A Cu/Mn co-loaded mesoporous ZrO <sub>2</sub> -TiO <sub>2</sub> composite and its CO catalytic oxidation property	Microporous Mesoporous Mat.	173	112-120	10.1016/j.micromeso.2013.02.013
69	Role of graphene on the surface chemical reactions of BiPO <sub>4</sub> -rGO with low OH-related defects	Nanoscale	5	11248-11256	10.1039/c3nr03370h
70	Free-standing and binder-free lithium-ion electrodes based on robust layered assembly of graphene and Co <sub>3</sub> O <sub>4</sub> nanosheets	Nanoscale	5	6960-6967	10.1039/c3nr01392h
71	The design and realization of a large-area flexible nanofiber-based mat for pollutant degradation: an application in photocatalysis	Nanoscale	5	5036-5042	10.1039/c3nr00503h
72	The visible transmittance and solar modulation ability of VO <sub>2</sub> flexible foils simultaneously improved by Ti doping: an optimization and first principle study	Phys. Chem. Chem. Phys.	15	17537-17543	10.1039/c3cp52009a
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73	saving foils with modified color and enhanced solar-heat shielding ability	Phys. Chem. Chem. Phys.	15	11723-11729	10.1039/c3cp51359a
74	Preparation of monodispersed CuInS <sub>2</sub> nanopompons and nanoflake films and application in dye-sensitized solar cells	Phys. Chem. Chem. Phys.	15	4496-4499	10.1039/c3cp44485f
75	Hole-lattice coupling and photoinduced insulator-metal transition in VO <sub>2</sub>	Phys. Rev. B	88		10.1103/PhysRevB.88.035119
76	Enhancing thermochromic performance of VO <sub>2</sub> films via increased microroughness by phase separation	Sol. Energy Mater. Sol. Cells	110	1-7	10.1016/j.solmat.2012.11.011

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