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2007年发表的部分论文

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1	Cation occupancy at the Al/A2 sites in strontium barium niobate micro-crystals grown from molten NaCl and KCl salts	Acta Mater.	55	5304-5309	10.1016/j.actamat.2007.04.041
2	Bismuth nanoprecipitation at grain boundaries during microstructural evolution in (Sr, Ba)TiO ₃ ceramics	Acta Mater.	55	5323-5332	10.1016/j.actamat.2007.05.022
3	Core-shell structure from the solution-reprecipitation process in hot-pressed AlN-doped SiC ceramics	Acta Mater.	55	5666-5673	10.1016/j.actamat.2007.06.037
4	Template synthesis of multishelled Cu ₂ O hollow spheres with a single-crystalline shell wall	Angew. Chem.-Int. Edit.	46	1489-1492	10.1002/anie.200603895
5	Anatase TiO ₂ nanoparticles immobilized on ZnO tetrapods as a highly efficient and easily recyclable photocatalyst	Appl. Catal. B-Environ.	76	168-173	10.1016/j.apcatb.2007.05.024
6	Thermoelectric properties and electronic structure of Zintl compound BaZn ₂ Sb ₂	Appl. Phys. Lett.	90		10.1063/1.2746408
7	Complete set of elastic, dielectric, and piezoelectric constants of orthorhombic 0.71Pb(Mg _{1/3} Nb _{2/3})O-3-0.29PbTiO ₃ single crystal	Appl. Phys. Lett.	90		10.1063/1.2743393
8	Assembly of one-dimensional nanorods into Bi ₂ S ₃ films with enhanced thermoelectric transport properties	Appl. Phys. Lett.	90		10.1063/1.2712504
9	Effects of Mn doping on dielectric and piezoelectric properties of 0.71Pb(Mg _{1/3} Nb _{2/3})O-3-0.29PbTiO ₃ single crystals	Appl. Phys. Lett.	90		10.1063/1.2711533
10	p-type transparent conductor: Zn-doped CuAlS ₂	Appl. Phys. Lett.	90		10.1063/1.2591415
11	Study on anomalous high p-type conductivity in ZnO films on silicon substrate prepared by ultrasonic spray pyrolysis	Appl. Phys. Lett.	90		10.1063/1.2437679
12	Seed layer-free synthesis and characterization of vertically grown ZnO nanorod array via the stepwise solution route	Appl. Surf. Sci.	253	4060-4065	10.1016/j.apsusc.2006.09.002
13	Hemoglobin niobate composite based biosensor for efficient determination of hydrogen peroxide in a broad pH range	Bios. Bioelectron	22	1454-1460	10.1016/j.bios.2006.06.022
14	Characterization of a manganese dioxide/carbon nanotube composite fabricated using an in situ coating method	Carbon	45	2365-2373	10.1016/j.carbon.2007.07.014
15	A multi-step strategy for cutting and purification of single-walled carbon nanotubes	Carbon	45	1972-1978	10.1016/j.carbon.2007.06.009
16	Self-assembly of magnetite beads along multiwalled carbon nanotubes via a simple hydrothermal process	Carbon	45	1476-1481	10.1016/j.carbon.2007.03.025
17	Fabrication of well-defined water-soluble core/shell heteronanostructures through the SiO ₂ spacer	Chem. Commun.		1272-1274	10.1039/b617735b
18	Synthesis and magnetic properties of Co-Sn-O nanorings	Chem. Commun.		4372-4374	10.1039/b708803e
19	Hierarchically porous bioactive glass scaffolds synthesized with a PUF and P123 coterminated approach	Chem. Mat.	19	4322-4326	10.1021/cm0708564
20	Synthesis and magnetic properties of mesostructured gamma-Fe ₂ O ₃ /carbon composites by a Co-casting method	Chem. Mat.	19	3484-3490	10.1021/cm0709065
21	Solution-processed p-type transparent conducting BaCu ₂ S ₂ thin film	Chem. Mat.	19	3102+	10.1021/cm070235a
22	A borogermanate with three-dimensional open-framework	Chem.-Eur. J.	13	9862-9865	10.1002/chem.200701009

	layers				
23	Hierarchical beta-Ni(OH)(2) and NiO carnations assembled from nanosheet building blocks	Cryst. Growth Des.	7	2716-2719	10.1021/cg060530s
24	Hierarchical-oriented attachment: From one-dimensional Cu(OH)(2) nanowires to two-dimensional CuO nanoleaves	Cryst. Growth Des.	7	2720-2724	10.1021/cg060727k
25	Bioinspired Bi2S3 thin films on 4-mercaptobenzoic acid functionalized self-assembled monolayers	Cryst. Growth Des.	7	639-643	10.1021/cg060319g
26	Vacuum ultraviolet spectroscopic properties of rare earth (RE=Ce,Tb,Eu,Tm,Sm)-doped hexagonal KCaGd(PO4)(2) phosphate	J. Appl. Phys.	102		10.1063/1.2800172
27	High magnetoelectric effect in laminated composites of giant magnetostrictive alloy and lead-free piezoelectric ceramic	J. Appl. Phys.	101		10.1063/1.2732420
28	Effect of substitution of Nd(3+) for Bi(3+) on the dielectric properties and structures of SrBi(2-chi)Nd(chi)Nb(2)O(9) bismuth layer-structured ceramics	J. Appl. Phys.	101		10.1063/1.2724818
29	Luminescent properties and electronic structures of rare earth and alkaline earth borates of REBa3B9O18 (RE=Lu,Y)	J. Appl. Phys.	101		10.1063/1.2409284
30	Templated synthesis of hierarchically porous manganese oxide with a crystalline nanorod framework and its high electrochemical performance	J. Mater. Chem.	17	855-860	10.1039/b615972a
31	Photocatalytic activity of a Bi-based oxychloride Bi4NbO8Cl	J. Mater. Chem.	17	2145-2150	10.1039/b615903f
32	Fabrication of flower-like Bi2WO6 superstructures as high performance visible-light driven photocatalysts	J. Mater. Chem.	17	2526-2532	10.1039/b616460a
33	Ultrasonic-assisted synthesis of visible-light-induced Bi2MO6 (M = W, Mo) photocatalysts	J. Mol. Catal.A-Chem.	268	195-200	10.1016/j.molcata.2006.12.026
34	Fabrication of "tadpole"-like magnetite/multiwalled carbon nanotube heterojunctions and their self-assembly under external magnetic field	J. Phys. Chem. B	111	5337-5343	10.1021/jp070675p
35	Poly(3,4-ethylenedioxythiophene)/mesoporous carbon composite	J. Phys. Chem. C	111	18073-18077	10.1021/jp0749468
36	Single-crystalline BiVO4 microtubes with square cross-sections: Microstructure, growth mechanism, and photocatalytic property	J. Phys. Chem. C	111	13659-13664	10.1021/jp065155t
37	Fabrication of hollow hybrid microspheres coated with silica/titania via sol-gel process and enhanced photocatalytic activities	J. Phys. Chem. C	111	8180-8187	10.1021/jp071142j
38	An ordered mesoporous aluminosilicate oxynitride template to prepare N-incorporated ordered mesoporous carbon	J. Phys. Chem. C	111	7266-7272	10.1021/jp070187h
39	A simple one-pot self-assembly route to nanoporous and monodispersed Fe3O4 particles with oriented attachment structure and magnetic property	J. Phys. Chem. C	111	5281-5285	10.1021/jp0676843
40	Self-assembled ZnS nanostructured spheres: Controllable crystal phase and morphology	J. Phys. Chem. C	111	3893-3900	10.1021/jp0667011
41	Simultaneous and rapid microwave synthesis of polyacrylamide-metal sulfide (Ag2S, Cu2S, HgS) nanocomposites	J. Phys. Chem. C	111	3920-3926	10.1021/jp0677851
42	Noncovalent functionalization of carbon nanotubes with sodium lignosulfonate and subsequent quantum dot decoration	J. Phys. Chem. C	111	1223-1229	10.1021/jp066018z
43	The influence of polyethylene imine on the gelcasting of SiC with two different initiators	J. Am. Ceram. Soc.	90	3748-3752	10.1111/j.1551-2916.2007.01992.x
44	Dielectric and piezoelectric properties of SrBi(2-x)Sm(x)Nb(2)O(9) (x=0, 0.05, 0.1, 0.2, 0.3, and 0.4) ceramics	J. Am. Ceram. Soc.	90	3875-3881	10.1111/j.1551-2916.2007.02064.x
45	Preparation and microstructure of a ZrB2-SiC composite fabricated by the spark plasma sintering-reactive synthesis (SPS-RS) method	J. Am. Ceram. Soc.	90	4040-4042	10.1111/j.1551-2916.2007.02050.x

46	Structural and electrical properties of Er ₂ O ₃ -Doped Na _{1/2} Bi _{1/2} TiO ₃ lead-free piezoceramics	J. Am. Ceram. Soc.	90	3642-3645	10.1111/j.1551-2916.2007.01918.x
47	Nd/V co-doped Bi ₄ Ti ₃ O ₁₂ powder prepared by molten salt synthesis	J. Am. Ceram. Soc.	90	3353-3356	10.1111/j.1551-2916.2007.01916.x
48	Electroconductive Al ₂ O ₃ -NbN composites	J. Am. Ceram. Soc.	90	2626-2629	10.1111/j.1551-2916.2007.01753.x
49	Lower-temperature hot-pressed Dy- α -sialon ceramics with an LiF additive	J. Am. Ceram. Soc.	90	1623-1625	10.1111/j.1551-2916.2007.01558.x
50	Diode-pumped passively q-switched Nd : YAG ceramic laser with a Cr ⁴⁺ : YAG crystal-satiable absorber	J. Am. Ceram. Soc.	90	1629-1631	10.1111/j.1551-2916.2007.01564.x
51	Mechanical properties of Cr(2)AlC ceramics	J. Am. Ceram. Soc.	90	1663-1666	10.1111/j.1551-2916.2007.01634.x
52	CNTs/Ta ₃ N ₅ nanocomposite with enhanced photocatalytic activity under visible light irradiation	J. Am. Ceram. Soc.	90	1309-1311	10.1111/j.1551-2916.2007.01528.x
53	Synthesis of single crystalline hematite polyhedral nanorods via a facile hydrothermal process	J. Am. Ceram. Soc.	90	1315-1318	10.1111/j.1551-2916.2007.01523.x
54	Dielectric relaxation in layer-structured SrBi(2-x)Nd(x)Nb(2)O(9) ceramics (x=0, 0.05, 0.2, 0.35)	J. Am. Ceram. Soc.	90	322-326	10.1111/j.1551-2916.2006.01405.x
55	Synthesis, characterization, and optical properties of well-defined N-doped, hollow silica/titania hybrid microspheres	Langmuir	23	11850-11856	10.1021/la7019704
56	Controlled construction of uniform pompon-shaped microarchitectures self-assembled from single-crystalline lanthanum molybdate nanoflakes	Langmuir	23	9002-9007	10.1021/la700404n
57	A mesoporous core-shell structure for pH-controlled storage and release of water-soluble drug	Microporous Mesoporous Mat.	103	243-249	10.1016/j.micromeso.2007.02.012
58	Intensively competitive adsorption for heavy metal ions by PAMAM-SBA-15 and EDTA-PAMAM-SBA-15 inorganic-organic hybrid materials	Microporous Mesoporous Mat.	103	316-324	10.1016/j.micromeso.2007.02.024
59	Synthesis and characterization of Sn or Al-containing SBA-15 mesoporous materials without mineral acids added	Microporous Mesoporous Mat.	102	51-57	10.1016/j.micro.2006.12.040
60	Preparation of mesoporous calcium doped silica spheres with narrow size dispersion and their drug loading and degradation behavior	Microporous Mesoporous Mat.	102	151-158	10.1016/j.micromeso.2006.12.048
61	Debundling of single-walled carbon nanotubes by using natural polyelectrolytes	Nanotechnology	18		10.1088/0957-4484/18/36/365702
62	Fabrication and characterization of TiO ₂ nanotube arrays having nanopores in their walls by double-template-assisted sol-gel	Nanotechnology	18		10.1088/0957-4484/18/29/295604
63	Electronic coupling one-dimensional Ag/ZnS nanocomposites in a nanoporous nickel phosphate host	Nanotechnology	18		10.1088/0957-4484/18/25/255607
64	A polyaniline nanofibre electrode and its application in a self-powered photoelectrochromic cell	Nanotechnology	18		10.1088/0957-4484/18/1/015201
65	Theoretical study of the filling fraction limits for impurities in CoSb ₃	Phys. Rev. B	75		10.1103/PhysRevB.75.235208
66	Bi ₂ WO ₆ nano- and microstructures: Shape control and associated visible-light-driven photocatalytic activities	Small	3	1618-1625	10.1002/sml.200700043
67	Low-temperature deposition of transparent ZnO films by the ultrasonic-mediated stepwise method	Sol. Energy Mater. Sol. Cells	91	467-473	10.1016/j.solmat.2006.10.023
68	Submicrocubes and highly oriented assemblies of MnCO ₃ synthesized by ultrasound agitation method and their thermal transformation to nanoporous Mn ₂ O ₃	Ultrason. Sonochem.	14	259-265	10.1016/j.ultsonch.2006.05.006

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