

Hydrothermal Synthesis and Photocatalytic Activity of

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Effect of PSS on morphology and optical properties of ZnO. Journal of Colloid and Interface Science, 2008, 326, 433-438.	5.0	95
2	Fluorine and Carbon Codoped Macroporous Titania Microspheres: Highly Effective Photocatalyst for the Destruction of Airborne Styrene under Visible Light. Journal of Physical Chemistry C, 2008, 112, 19655-19661.	1.5	25
3	Synthesis of ZnO Nanostructures by Hydrothermal Method. Journal of Nano Research, 2009, 6, 157-168.	0.8	13
4	One-Pot Template-Free Synthesis of Monodisperse Zinc Sulfide Hollow Spheres and Their Photocatalytic Properties. Chemistry - A European Journal, 2009, 15, 6731-6739.	1.7	229
5	XPS characterisation of plasma treated and zinc oxide coated PET. Applied Surface Science, 2009, 255, 5052-5061.	3.1	89
6	Preparation, characterization and activity evaluation of p-n junction photocatalyst p-CaFe ₂ O ₄ /n-ZnO. Chemical Engineering Journal, 2009, 155, 466-473.	6.6	83
7	Preparation, characterization and activity evaluation of p-n junction photocatalyst p-NiO/n-ZnO. Journal of Sol-Gel Science and Technology, 2009, 50, 387-396.	1.1	37
8	Experimental Study on Photocatalytic Activity of Cu ₂ O/Cu Nanocomposites Under Visible Light. Catalysis Letters, 2009, 132, 75-80.	1.4	61
9	Preparation and photocatalytic activity of multi-modally macro/mesoporous titania. Research on Chemical Intermediates, 2009, 35, 653-665.	1.3	23
10	Template-free hydrothermal fabrication of hierarchically organized γ -AlOOH hollow microspheres. Microporous and Mesoporous Materials, 2009, 122, 42-47.	2.2	103
11	Kinetic modeling based on the non-linear regression analysis for the degradation of Alizarin Red S by advanced photo Fenton process using zero valent metallic iron as the catalyst. Journal of Molecular Catalysis A, 2009, 314, 88-94.	4.8	53
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14	Preparation and photocatalytic property of a novel dumbbell-shaped ZnO microcrystal photocatalyst. Journal of Hazardous Materials, 2009, 172, 1520-1526.	6.5	229
15	Effect of morphology and crystallite size on solar photocatalytic activity of zinc oxide synthesized by solution free mechanochemical method. Journal of Molecular Catalysis A, 2009, 308, 32-40.	4.8	163
16	Hydrothermal preparation and photocatalytic activity of mesoporous Au-TiO ₂ nanocomposite microspheres. Journal of Colloid and Interface Science, 2009, 334, 58-64.	5.0	200
17	Preparation, characterization and photocatalytic activity of N-containing ZnO powder. Chemical Engineering Journal, 2009, 148, 263-269.	6.6	157
18	Spray-hydrolytic synthesis of highly photoactive mesoporous anatase nanospheres for the photocatalytic degradation of toluene in air. Applied Catalysis B: Environmental, 2009, 89, 160-166.	10.8	58

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19	Preparation, characterization and visible-light-driven photocatalytic activity of Fe-doped titania nanorods and first-principles study for electronic structures. Applied Catalysis B: Environmental, 2009, 90, 595-602.	10.8	700
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40	A Facile Approach to Fabrication of Hexagonal Phase NaYF ₄ :Yb ₃₊ , Er ₃₊ Hollow Nanospheres: Formation Mechanism and Upconversion Luminescence. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 1813-1819.	1.0	32
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48	Surface modification of ZnO with Ag improves its photocatalytic efficiency and photostability. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2010, 216, 149-155.	2.0	254
49	Enhanced photocatalytic activity of transition metal ions Mn ²⁺ , Ni ²⁺ and Zn ²⁺ doped polycrystalline titania for the degradation of Aniline Blue under UV/solar light. <i>Journal of Molecular Catalysis A</i> , 2010, 328, 44-52.	4.8	197
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80	Synthesis of ZnO nanoparticles using surfactant free in-air and microwave method. <i>Applied Surface Science</i> , 2011, 257, 9661-9672.	3.1	158
81	Synthesis, characterizations, photocatalytic and sensing studies of ZnO nanocapsules. <i>Applied Surface Science</i> , 2011, 258, 672-677.	3.1	96
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110	Enhancement of Visible-Light Photocatalytic Activity of Mesoporous Au-TiO ₂ Nanocomposites by Surface Plasmon Resonance. <i>International Journal of Photoenergy</i> , 2012, 2012, 1-10.	1.4	28
111	Comparison between Solar and Artificial Photocatalytic Decolorization of Textile Industrial Wastewater. <i>International Journal of Photoenergy</i> , 2012, 2012, 1-10.	1.4	12
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137	Facile preparation and visible light photocatalytic activity of CdIn ₂ S ₄ monodispersed spherical particles. <i>Journal of Alloys and Compounds</i> , 2012, 513, 506-509.	2.8	25
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139	Facile synthesis of g-C ₃ N ₄ /ZnO composite with enhanced visible light photooxidation and photoreduction properties. <i>Chemical Engineering Journal</i> , 2012, 209, 386-393.	6.6	333
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