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Low temperature and aqueous solgel deposit of photocatalytic active nanoparticulate TiO₂

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#	Paper	IF	Citations
71	Preparation of Porous TiO ₂ Cryogel Fibers through Unidirectional Freezing of Hydrogel Followed by Freeze-Drying. <i>Chemistry of Materials</i> , 2004 , 16, 4987-4991	9.6	85
70	Effect of titanium additives on the growth of tellurium dioxide crystals in a sol-gel process. <i>Materials Letters</i> , 2005 , 59, 2379-2382	3.3	11
69	Studies on the Preparation of Magnetic Photocatalysts. <i>Journal of Nanoparticle Research</i> , 2005 , 7, 691-705	3.5	49
68	Kinetic Investigation of Photocatalytic TiO ₂ Films Prepared by the Sol-Gel Method and Low Temperature Treatments. <i>Journal of Chemical Engineering of Japan</i> , 2005 , 38, 813-817	0.8	8
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66	Combination of two catalytic sites in a novel nanocrystalline TiO ₂ /iron tetrasulfophthalocyanine material provides better catalytic properties. <i>New Journal of Chemistry</i> , 2005 , 29, 1245	3.6	39
65	Direct synthesis of mesoporous titania particles having a crystalline wall. <i>Journal of the American Chemical Society</i> , 2005 , 127, 16396-7	16.4	199
64	Titanium dioxide/cellulose nanocomposites prepared by a controlled hydrolysis method. <i>Composites Science and Technology</i> , 2006 , 66, 1038-1044	8.6	108
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57	Effect of poly(ethylene glycol) additives on the photocatalytic activity of TiO ₂ films prepared by sol-gel processing and low temperature treatments. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2008 , 39, 237-242		22
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52	Practical oxidation of sulfides to sulfones by H ₂ O ₂ catalysed by titanium catalyst. <i>Green Chemistry</i> , 2008 , 10, 447	10	57
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50	Morphology-controlled synthesis of chromia/titania nanofibers via electrospinning followed by annealing. <i>Materials Chemistry and Physics</i> , 2009 , 116, 169-174	4.4	9
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