

# Bing Tan

## List of Publications by Year in descending order

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16  
papers

3,247  
citations

623188

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docs citations

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5145  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mesoporous Co <sub>3</sub> O <sub>4</sub> Nanowire Arrays for Lithium Ion Batteries with High Capacity and Rate Capability. Nano Letters, 2008, 8, 265-270.	4.5	1,234
2	Dye-Sensitized Solar Cells Based on Anatase TiO <sub>2</sub> Nanoparticle/Nanowire Composites. Journal of Physical Chemistry B, 2006, 110, 15932-15938.	1.2	578
3	Zinc Stannate (Zn <sub>2</sub> SnO <sub>4</sub> ) Dye-Sensitized Solar Cells. Journal of the American Chemical Society, 2007, 129, 4162-4163.	6.6	379
4	Freestanding Mesoporous Quasi-Single-Crystalline Co <sub>3</sub> O <sub>4</sub> Nanowire Arrays. Journal of the American Chemical Society, 2006, 128, 14258-14259.	6.6	338
5	Dual Latex/Surfactant Templating of Hollow Spherical Silica Particles with Ordered Mesoporous Shells. Langmuir, 2005, 21, 8180-8187.	1.6	165
6	Ammonia-Evaporation-Induced Synthetic Method for Metal (Cu, Zn, Cd, Ni) Hydroxide/Oxide Nanostructures. Chemistry of Materials, 2008, 20, 567-576.	3.2	142
7	Interfacial Alignment Mechanism of Forming Spherical Silica with Radially Oriented Nanopores. Journal of Physical Chemistry B, 2004, 108, 20122-20129.	1.2	90
8	Study of the Effects of Progressive Changes in Alkoxysilane Structure on Sol-Gel Reactivity. Journal of Physical Chemistry B, 2006, 110, 22353-22364.	1.2	84
9	Elongated Silica Nanoparticles with a Mesh Phase Mesopore Structure by Fluorosurfactant Templating. Langmuir, 2004, 20, 6981-6984.	1.6	57
10	Controlling Nanopore Size and Shape by Fluorosurfactant Templating of Silica. Chemistry of Materials, 2005, 17, 916-925.	3.2	46
11	Well-ordered mesoporous silica prepared by cationic fluorinated surfactant templating. Microporous and Mesoporous Materials, 2004, 73, 197-202.	2.2	45
12	Novel Synthesis Techniques for Preparation of Co/CeO <sub>2</sub> as Ethanol Steam Reforming Catalysts. Catalysis Letters, 2009, 132, 422-429.	1.4	42
13	Effects of progressive changes in organoalkoxysilane structure on the gelation and pore structure of templated and non-templated sol-gel materials. Journal of Non-Crystalline Solids, 2006, 352, 5453-5462.	1.5	25
14	Large- and small-nanopore silica prepared with a short-chain cationic fluorinated surfactant. Nanotechnology, 2005, 16, S502-S507.	1.3	16
15	Unusual Dependence of Particle Architecture on Surfactant Concentration in Partially Fluorinated Decylpyridinium Templated Silica. Journal of Physical Chemistry B, 2005, 109, 23225-23232.	1.2	4
16	Fluorinated Surfactant Templating of Ordered Nanoporous Silica. Materials Research Society Symposia Proceedings, 2003, 775, 3181.	0.1	2