

V G Pol

List of Publications by Year in descending order

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23
papers

1,648
citations

471371

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610775

24
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docs citations

26
times ranked

2286
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of Ni ₃ S ₂ and NiSe nanoparticles encapsulated in carbon shell and coating these onto stainless steel surfaces by RAPET. RSC Advances, 2012, 2, 11725.	1.7	8
2	A Comparison of High Capacity xLi ₂ MnO ₃ ·(1-x)LiMO ₂ (M=Ni,Co,Mn) Cathodes in Lithium-Ion Cells with Li ₄ Ti ₅ O ₁₂ - and Carbon-Encapsulated Anatase TiO ₂ Anodes. Journal of the Electrochemical Society, 2010, 157, A267.	1.3	41
3	Effects of a 10 T External Magnetic Field on the Thermal Decomposition of Fe, Ni, and Co Acetyl Acetonates. Langmuir, 2008, 24, 7532-7537.	1.6	7
4	Selective Coating of Anatase and Rutile TiO ₂ on Carbon via Ultrasound Irradiation: Mitigating Fuel Cell Catalyst Degradation. Journal of Fuel Cell Science and Technology, 2008, 5, .	0.8	6
5	Synthesis of Nanocrystalline Zirconium Titanate and its Dielectric Properties. Journal of Physical Chemistry C, 2007, 111, 2484-2489.	1.5	29
6	External Magnetic Field-Induced Mesoscopic Organization of Fe ₃ O ₄ Pyramids and Carbon Sheets. Inorganic Chemistry, 2007, 46, 4951-4959.	1.9	16
7	Synthesis of carbon encapsulated nanocrystals of WP by reacting W(CO) ₆ with triphenylphosphine at elevated temperature under autogenic pressure. Journal of Nanoparticle Research, 2007, 9, 1187-1193.	0.8	16
8	Synthesis and characterization of Nb ₂ O ₅ @C core-shell nanorods and Nb ₂ O ₅ nanorods by reacting Nb(OEt) ₅ via RAPET (reaction under autogenic pressure at elevated temperatures) technique. Nanoscale Research Letters, 2007, 2, 17-23.	3.1	29
9	Synthesis of a Conducting SiO ₂ @Carbon Composite from Commercial Silicone Grease and Its Conversion to Paramagnetic SiO ₂ Particles. Journal of Physical Chemistry B, 2006, 110, 13420-13424.	1.2	21
10	Thermal Decomposition of Commercial Silicone Oil to Produce High Yield High Surface Area SiC Nanorods. Journal of Physical Chemistry B, 2006, 110, 11237-11240.	1.2	50
11	Coating Noble Metal Nanocrystals (Ag, Au, Pd, and Pt) on Polystyrene Spheres via Ultrasound Irradiation. Langmuir, 2005, 21, 3635-3640.	1.6	158
12	Preparation of stable porous nickel and cobalt oxides using simple inorganic precursor, instead of alloxides, by a sonochemical technique. Ultrasonics Sonochemistry, 2005, 12, 205-212.	3.8	36
13	Fabrication and Magnetic Properties of Ni Nanospheres Encapsulated in a Fullerene-like Carbon. Journal of Physical Chemistry B, 2005, 109, 9495-9498.	1.2	70
14	Synthesis of WO ₃ Nanorods by Reacting WO(OMe) ₄ under Autogenic Pressure at Elevated Temperature Followed by Annealing. Inorganic Chemistry, 2005, 44, 9938-9945.	1.9	45
15	The Effect of a Magnetic Field on a RAPET (Reaction under Autogenic Pressure at Elevated Temperature) of MoO(OMe) ₄ : Fabrication of MoO ₂ Nanoparticles Coated with Carbon or Separated MoO ₂ and Carbon Particles. Journal of Physical Chemistry B, 2004, 108, 6322-6327.	1.2	49
16	Deposition of Gold Nanoparticles on Silica Spheres: A Sonochemical Approach.. ChemInform, 2003, 34, no.	0.1	2
17	Microwave-assisted solid-state synthesis and characterization of intermetallic compounds of Li ₃ Bi and Li ₃ Sb. Journal of Materials Chemistry, 2003, 13, 2607.	6.7	35
18	Deposition of Gold Nanoparticles on Silica Spheres: A Sonochemical Approach. Chemistry of Materials, 2003, 15, 1111-1118.	3.2	239

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19	Sonochemical Deposition of Air-Stable Iron Nanoparticles on Monodispersed Carbon Spherules. Chemistry of Materials, 2003, 15, 1378-1384.	3.2	87
20	Sonochemical synthesis, structural and magnetic properties of air-stable Fe/Co alloy nanoparticles. New Journal of Chemistry, 2003, 27, 1194.	1.4	77
21	Sonochemical Deposition of Silver Nanoparticles on Silica Spheres. Langmuir, 2002, 18, 3352-3357.	1.6	407
22	Synthesis of Europium Oxide Nanorods by Ultrasound Irradiation. Journal of Physical Chemistry B, 2002, 106, 9737-9743.	1.2	113
23	Sonochemical Synthesis and Optical Properties of Europium Oxide Nanolayer Coated on Titania. Chemistry of Materials, 2002, 14, 3920-3924.	3.2	106