A Gomathi

List of Publications by Year
in descending order

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16	1,108	623734 14	996975 15
papers	citations	h-index	g-index

19	19	19	2281
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Functionalization and Solubilization of Carbon and Inorganic Nanostructures. , 2011, , 445-490.		4
2	Interaction of Inorganic Nanoparticles with Graphene. ChemPhysChem, 2011, 12, 937-943.	2.1	72
3	Inside Cover: Interaction of Inorganic Nanoparticles with Graphene (ChemPhysChem 5/2011). ChemPhysChem, 2011, 12, 882-882.	2.1	0
4	Synthesis and Characterization of Nanoparticles, Nanotubes, Nanopans, and Grapheneâ€like Structures of Boron Nitride. Israel Journal of Chemistry, 2010, 50, 399-404.	2.3	19
5	Covalent functionalization of metal oxide and carbon nanostructures with polyoctasilsesquioxane (POSS) and their incorporation in polymer composites. Materials Research Bulletin, 2010, 45, 1894-1898.	5.2	17
6	Covalent and Noncovalent Functionalization and Solubilization of Graphene. Nanoscience and Nanotechnology Letters, 2009, 1, 28-31.	0.4	78
7	A simple urea-based route to ternary metal oxynitride nanoparticles. Journal of Solid State Chemistry, 2009, 182, 72-76.	2.9	53
8	Functionalization and solubilization of inorganic nanostructures and carbon nanotubes by employing organosilicon and organotin reagents. Journal of Materials Chemistry, 2009, 19, 988-995.	6.7	34
9	Hexadecyltriethoxysilane-induced Dispersions of Metal Oxide Nanoparticles in Nonpolar Solvents. Journal of Cluster Science, 2008, 19, 247-257.	3.3	8
10	Urea route to coat inorganic nanowires, carbon fibers and nanotubes by boron nitride. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2008, 476, 29-33.	5.6	37
11	Covalent and noncovalent functionalisation and solubilisation of nanodiamond. Journal of Experimental Nanoscience, 2008, 3, 271-278.	2.4	42
12	Room-temperature ferromagnetism in nanoparticles of superconducting materials. Solid State Communications, 2007, 142, 685-688.	1.9	56
13	Nanoparticles of superconducting Î³-Mo2N and Î´-MoN. Journal of Solid State Chemistry, 2007, 180, 291-295.	2.9	49
14	Ternary metal nitrides by the urea route. Materials Research Bulletin, 2007, 42, 870-874.	5.2	38
15	Nanostructures of the binary nitrides, BN, TiN, and NbN, prepared by the urea-route. Materials Research Bulletin, 2006, 41, 941-947.	5.2	55
16	Chemically Bonded Ceramic Oxide Coatings on Carbon Nanotubes and Inorganic Nanowires. Advanced Materials, 2005, 17, 2757-2761.	21.0	91