

A Gomathi

List of Publications by Year in descending order

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16
papers

1,108
citations

623734

14
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996975

15
g-index

19
all docs

19
docs citations

19
times ranked

2281
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemically Bonded Ceramic Oxide Coatings on Carbon Nanotubes and Inorganic Nanowires. <i>Advanced Materials</i> , 2005, 17, 2757-2761.	21.0	91
2	Covalent and Noncovalent Functionalization and Solubilization of Graphene. <i>Nanoscience and Nanotechnology Letters</i> , 2009, 1, 28-31.	0.4	78
3	Interaction of Inorganic Nanoparticles with Graphene. <i>ChemPhysChem</i> , 2011, 12, 937-943.	2.1	72
4	Room-temperature ferromagnetism in nanoparticles of superconducting materials. <i>Solid State Communications</i> , 2007, 142, 685-688.	1.9	56
5	Nanostructures of the binary nitrides, BN, TiN, and NbN, prepared by the urea-route. <i>Materials Research Bulletin</i> , 2006, 41, 941-947.	5.2	55
6	A simple urea-based route to ternary metal oxynitride nanoparticles. <i>Journal of Solid State Chemistry</i> , 2009, 182, 72-76.	2.9	53
7	Nanoparticles of superconducting $\hat{\text{I}}^3\text{-Mo}_2\text{N}$ and $\hat{\text{I}}\text{-MoN}$. <i>Journal of Solid State Chemistry</i> , 2007, 180, 291-295.	2.9	49
8	Covalent and noncovalent functionalisation and solubilisation of nanodiamond. <i>Journal of Experimental Nanoscience</i> , 2008, 3, 271-278.	2.4	42
9	Ternary metal nitrides by the urea route. <i>Materials Research Bulletin</i> , 2007, 42, 870-874.	5.2	38
10	Urea route to coat inorganic nanowires, carbon fibers and nanotubes by boron nitride. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2008, 476, 29-33.	5.6	37
11	Functionalization and solubilization of inorganic nanostructures and carbon nanotubes by employing organosilicon and organotin reagents. <i>Journal of Materials Chemistry</i> , 2009, 19, 988-995.	6.7	34
12	Synthesis and Characterization of Nanoparticles, Nanotubes, Nanopans, and Graphene-like Structures of Boron Nitride. <i>Israel Journal of Chemistry</i> , 2010, 50, 399-404.	2.3	19
13	Covalent functionalization of metal oxide and carbon nanostructures with polyoctasilsesquioxane (POSS) and their incorporation in polymer composites. <i>Materials Research Bulletin</i> , 2010, 45, 1894-1898.	5.2	17
14	Hexadecyltriethoxysilane-induced Dispersions of Metal Oxide Nanoparticles in Nonpolar Solvents. <i>Journal of Cluster Science</i> , 2008, 19, 247-257.	3.3	8
15	Functionalization and Solubilization of Carbon and Inorganic Nanostructures. , 2011, , 445-490.		4
16	Inside Cover: Interaction of Inorganic Nanoparticles with Graphene (<i>ChemPhysChem</i> 5/2011). <i>ChemPhysChem</i> , 2011, 12, 882-882.	2.1	0