Aparna Ganguly

List of Publications by Year
in descending order

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17	1,151	759233 12	888059 17
papers	citations	h-index	g-index

17	17	17	2027
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Microemulsion-based synthesis of nanocrystalline materials. Chemical Society Reviews, 2010, 39, 474-485.	38.1	317
2	Silver nanoparticles: Ultrasonic wave assisted synthesis, optical characterization and surface area studies. Materials Letters, 2011, 65, 520-522.	2.6	199
3	Antifungal activity of gold nanoparticles prepared by solvothermal method. Materials Research Bulletin, 2013, 48, 12-20.	5.2	127
4	Silver nanoparticles: Large scale solvothermal synthesis and optical properties. Materials Research Bulletin, 2010, 45, 1033-1038.	5.2	105
5	Structural characterization and antimicrobial properties of silver nanoparticles prepared by inverse microemulsion method. Colloids and Surfaces B: Biointerfaces, 2013, 101, 243-250.	5.0	65
6	Reverse micellar based synthesis of ultrafine MgO nanoparticles (8â€“10nm): Characterization and catalytic properties. Journal of Colloid and Interface Science, 2011, 353, 137-142.	9.4	62
7	Oxide-based nanostructures for photocatalytic and electrocatalytic applications. CrystEngComm, 2015, 17, 8978-9001.	2.6	62
8	Silica Mesostructures: Control of Pore Size and Surface Area Using a Surfactant-Templated Hydrothermal Process. Langmuir, 2010, 26, 14901-14908.	3.5	51
9	A facile low temperature (350 Â°C) synthesis of Cu2O nanoparticles and their electrocatalytic and photocatalytic properties. RSC Advances, 2014, 4, 12043.	3.6	44
10	Enhanced Electrocatalytic Activity of Copperâ€“Cobalt Nanostructures. Journal of Physical Chemistry C, 2011, 115, 14526-14533.	3.1	39
11	Ag₃PO₄ nanoparticle decorated on SiO₂ spheres for efficient visible light photocatalysis. New Journal of Chemistry, 2015, 39, 9242-9248.	2.8	31
12	Role of carboxylate ion and metal oxidation state on the morphology and magnetic properties of nanostructured metal carboxylates and their decomposition products. Journal of Chemical Sciences, 2008, 120, 521-528.	1.5	15
13	Self-assembly of copper succinate nanoparticles to form anisotropic mesostructures. Dalton Transactions, 2009, , 3536.	3.3	10
14	Fabrication of nano-sized solid solution of Zn1â^'x Mn x O (x = 0Â·05, 0Â·10, 0Â·15) in reverse microemulsions: Structural characterization and properties. Bulletin of Materials Science, 2012, 35, 377-382.	1.7	10
15	Anisotropic silica mesostructures for DNA encapsulation. Bulletin of Materials Science, 2013, 36, 329-332.	1.7	7
16	Highly Uniform Nano and Mesostructures of Silica Obtained by Reverse Micellar and Hydrothermal Methods. Journal of Cluster Science, 2009, 20, 417-427.	3.3	6
17	Template Based Synthesis of Mesoporous Silica Material and Its Application in Removal of Fluorescent Dyes. Journal of Nanoscience and Nanotechnology, 2013, 13, 1931-1937.	0.9	1