Guofang Chen

List of Publications by Citations

23 papers	1,374 citations	15 h-index	23 g-index
23 ext. papers	1,516 ext. citations	5.9 avg, IF	4.57 L-index

#	Paper	IF	Citations
23	Silver nanoparticles: synthesis, properties, and therapeutic applications. *Drug Discovery Today*, **2015**, 20, 595-601	8.8	541
22	Melatonin in Chinese medicinal herbs. *Life Sciences*, **2003**, 73, 19-26	6.8	202
21	Revisiting catalytic model reaction p-nitrophenol/NaBH4 using metallic nanoparticles coated on polymeric spheres. *Nanoscale*, **2013**, 5, 11919-27	7.7	142
20	Light-actuated high pressure-resisting microvalve for on-chip flow control based on thermo-responsive nanostructured polymer. *Lab on A Chip*, **2008**, 8, 1198-204	7.2	81
19	Complex protein patterns formation via salt-induced self-assembly and droplet evaporation. *European Physical Journal E*, **2010**, 33, 19-26	1.5	50
18	Electrohydrodynamics in hierarchically structured monolithic and particulate fixed beds. *Journal of Chromatography A*, **2006**, 1109, 32-50	4.5	46
17	Reversible photo-/thermoresponsive structured polymer surfaces modified with a spirobenzopyran-containing copolymer for tunable wettability. *Analyst, The*, **2010**, 135, 2303-8	5	43
16	Free-standing, erect ultrahigh-aspect-ratio polymer nanopillar and nanotube ensembles. *Langmuir*, **2007**, 23, 11777-81	4	40
15	A new type of raspberry-like polymer composite sub-microspheres with tunable gold nanoparticles coverage and their enhanced catalytic properties. *Journal of Materials Chemistry A*, **2013**, 1, 930-937	13	39
14	A novel green synthesis approach for polymer nanocomposites decorated with silver nanoparticles and their antibacterial activity. *Analyst, The*, **2014**, 139, 5793-9	5	37
13	Integration of large-area polymer nanopillar arrays into microfluidic devices using in situ polymerization cast molding. *Lab on A Chip*, **2007**, 7, 1424-7	7.2	22
12	Highly monodisperse chemically reactive sub-micrometer particles: polymer colloidal photonic crystals. *Colloid and Polymer Science*, **2012**, 290, 141-150	2.4	21
11	Effect of Intraparticle Porosity and Double Layer Overlap on Electrokinetic Mobility in Multiparticle Systems. *Langmuir*, **2003**, 19, 10901-10908	4	19
10	Fragmented polymer nanotubes from sonication-induced scission with a thermo-responsive gating system for anti-cancer drug delivery. *Journal of Materials Chemistry B*, **2014**, 2, 1327-1334	7.3	18
9	Influence of moderate Joule heating on electroosmotic flow velocity, retention, and efficiency in capillary electrochromatography. *Journal of Chromatography A*, **2004**, 1044, 287-94	4.5	18
8	The induction phenomenon and catalytic deactivation of thiolate-stabilized raspberry-like polymer composites coated with gold nanoparticles. *Nanoscale*, **2015**, 7, 2641-50	7.7	14
7	Highly Monodisperse Sub-microspherical Poly(glycidyl methacrylate) Nanocomposites with Highly Stabilized Gold Nanoparticles. *Macromolecular Chemistry and Physics*, **2014**, 215, 1098-1106	2.6	13

6	Functional Template-Derived Poly(methyl methacrylate) Nanopillars for Solid-Phase Biological Reactions. *Chemistry of Materials*, **2007**, 19, 3855-3857	9.6	12
5	Nanotube-Based Controlled Drug Delivery. *Pharmaceutica Analytica Acta*, **2012**, 03,	0	8
4	Synthesis of polymer nanograss and nanotubes by surface-initiated photopolymerization in cylindrical alumina nanopores. *Journal of Materials Chemistry*, **2011**, 21, 14543		7
3	Gold nanoparticles-coated chemically-reactive polymer colloids and the study of their catalytic kinetics. *Materials Research Society Symposia Proceedings*, **2014**, 1641, 1		1
2	Self-therapeutic Applications of Noble Metal Nanostructures **2016**, 1-36		
1	Self-therapeutic Applications of Noble Metal Nanostructures **2016**, 1-53		