Min Lv

List of Publications by Citations

23 papers	3,639 citations	15 h-index	23 g-index
23 ext. papers	4,073 ext. citations	9.3 avg, IF	4.83 L-index

#	Paper	IF	Citations
23	Graphene-based antibacterial paper. *ACS Nano*, **2010**, 4, 4317-23	16.7	1540
22	Destructive extraction of phospholipids from Escherichia coli membranes by graphene nanosheets. *Nature Nanotechnology*, **2013**, 8, 594-601	28.7	1008
21	Long-term antimicrobial effect of silicon nanowires decorated with silver nanoparticles. *Advanced Materials*, **2010**, 22, 5463-7	24	220
20	Stable Nanocomposite Based on PEGylated and Silver Nanoparticles Loaded Graphene Oxide for Long-Term Antibacterial Activity. *ACS Applied Materials & Interfaces*, **2017**, 9, 15328-15341	9.5	147
19	Effect of graphene oxide on undifferentiated and retinoic acid-differentiated SH-SY5Y cells line. *Nanoscale*, **2012**, 4, 3861-6	7.7	140
18	Real-time visualization of clustering and intracellular transport of gold nanoparticles by correlative imaging. *Nature Communications*, **2017**, 8, 15646	17.4	116
17	Multiple-Armed Tetrahedral DNA Nanostructures for Tumor-Targeting, Dual-Modality in Vivo Imaging. *ACS Applied Materials & Interfaces*, **2016**, 8, 4378-84	9.5	110
16	Highly Stable Graphene-Based Nanocomposite (GO-PEI-Ag) with Broad-Spectrum, Long-Term Antimicrobial Activity and Antibiofilm Effects. *ACS Applied Materials & Interfaces*, **2018**, 10, 17617-17629	9.5	95
15	Ultrasensitive aptamer-based protein assays based on one-dimensional core-shell nanozymes. *Biosensors and Bioelectronics*, **2020**, 150, 111881	11.8	52
14	Single Gold Nanoparticles as Real-Time Optical Probes for the Detection of NADH-Dependent Intracellular Metabolic Enzymatic Pathways. *Angewandte Chemie*, **2011**, 123, 6921-6924	3.6	38
13	Graphene-based nanomaterials in biosystems. *Nano Research*, **2019**, 12, 247-264	10	37
12	Graphene oxide-silver nanocomposites modulate biofilm formation and extracellular polymeric substance (EPS) production. *Nanoscale*, **2018**, 10, 19603-19611	7.7	30
11	Silver nanoparticles exert concentration-dependent influences on biofilm development and architecture. *Cell Proliferation*, **2019**, 52, e12616	7.9	22
10	The Inhibition Effect of Graphene Oxide Nanosheets on the Development of Streptococcus mutans Biofilms. *Particle and Particle Systems Characterization*, **2017**, 34, 1700001	3.1	18
9	Prenatal High Estradiol Exposure Induces Sex-Specific and Dietarily Reversible Insulin Resistance Through Decreased Hypothalamic INSR. *Endocrinology*, **2018**, 159, 465-476	4.8	15
8	Multi-triggered and enzyme-mimicking graphene oxide/polyvinyl alcohol/G-quartet supramolecular hydrogels. *Nanoscale*, **2020**, 12, 5186-5195	7.7	13
7	Prevalence of Prediabetes Risk in Offspring Born to Mothers with Hyperandrogenism. *EBioMedicine* , **2017**, 16, 275-283	8.8	12

6	Ultrasensitive Electrochemical DNA Biosensor Based on a Label-Free Assembling Strategy Using a Triblock polyA DNA Probe. *Analytical Chemistry*, **2019**, 91, 16002-16009	7.8	11
5	Tuning the Intrinsic Nanotoxicity in Advanced Therapeutics. *Advanced Therapeutics*, **2018**, 1, 1800059	4.9	8
4	Balloon tamponade for successful emergency cervical cerclage. *Journal of Obstetrics and Gynaecology Research*, **2020**, 46, 418-424	1.9	5
3	Transportation and fate of gold nanoparticles in oilseed rape. *RSC Advances*, **2015**, 5, 73827-73833	3.7	2
2	Impact of Graphene Exposure on Microbial Activity and Community Ecosystem in Saliva.. *ACS Applied Bio Materials*, **2019**, 2, 226-235	4.1	0
1	Insight into the antibacterial resistance of graphdiyne functionalized by silver nanoparticles.. *Cell Proliferation*, **2022**, e13236	7.9	0