

Guoliang Liu

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

27
papers

668
citations

14
h-index

25
g-index

27
ext. papers

740
ext. citations

5.7
avg, IF

3.97
L-index

| # | Paper | IF | Citations |
|----|---|-----|-----------|
| 27 | In-situ hydrothermal synthesis of molecularly imprinted polymers coated carbon dots for fluorescent detection of bisphenol A. <i>Sensors and Actuators B: Chemical</i> , 2016 , 228, 302-307 | 8.5 | 92 |
| 26 | Silver Nanoclusters Beacon as Stimuli-Responsive Versatile Platform for Multiplex DNAs Detection and Aptamer-Substrate Complexes Sensing. <i>Analytical Chemistry</i> , 2017 , 89, 1002-1008 | 7.8 | 81 |
| 25 | A highly selective and sensitive on-off sensor for silver ions and cysteine by light scattering technique of DNA-functionalized gold nanoparticles. <i>Chemical Communications</i> , 2011 , 47, 8557-9 | 5.8 | 75 |
| 24 | Determination of nanograms of proteins based on decreased resonance light scattering of zwitterionic gemini surfactant. <i>Analytical Biochemistry</i> , 2009 , 384, 337-42 | 3.1 | 54 |
| 23 | DNA-functionalized silver nanoclusters as a chemopalette: tunable fluorescence for turn-on detection of cysteine. <i>Journal of Materials Chemistry B</i> , 2013 , 1, 2128-2131 | 7.3 | 40 |
| 22 | DNA-templated formation of silver nanoclusters as a novel light-scattering sensor for label-free copper ions detection. <i>Journal of Materials Chemistry</i> , 2012 , 22, 20885 | | 37 |
| 21 | A fluorescent switch sensor for detection of anticancer drug and ctDNA based on the glutathione stabilized gold nanoclusters. <i>Sensors and Actuators B: Chemical</i> , 2016 , 232, 276-282 | 8.5 | 33 |
| 20 | Screen anticancer drug in vitro using resonance light scattering technique. <i>Talanta</i> , 2009 , 77, 1365-9 | 6.2 | 32 |
| 19 | An anti-galvanic replacement reaction of DNA templated silver nanoclusters monitored by the light-scattering technique. <i>Chemical Communications</i> , 2013 , 49, 7941-3 | 5.8 | 26 |
| 18 | Fluorescence Enhancement of Terminal Amine Assembled on Gold Nanoclusters and Its Application to Ratiometric Lysine Detection. <i>Langmuir</i> , 2017 , 33, 14643-14648 | 4 | 26 |
| 17 | A label-free fluorescent biosensor for determination of bovine serum albumin and calf thymus DNA based on gold nanorods coated with acridine orange-loaded mesoporous silica. <i>Sensors and Actuators B: Chemical</i> , 2015 , 220, 302-308 | 8.5 | 25 |
| 16 | A novel biosensor for copper(ii) ions based on turn-on resonance light scattering of ssDNA templated silver nanoclusters. <i>Journal of Materials Chemistry B</i> , 2015 , 3, 2083-2088 | 7.3 | 20 |
| 15 | A novel resonance light scattering sensing for glucose based on the conversion of gold nanoclusters into gold nanoparticles. <i>Sensors and Actuators B: Chemical</i> , 2015 , 219, 133-138 | 8.5 | 16 |
| 14 | Construction of FRET biosensor for off-on detection of lead ions based on carbon dots and gold nanorods. <i>Talanta</i> , 2019 , 201, 90-95 | 6.2 | 15 |
| 13 | An assay of DNA by resonance light scattering technique and its application in screening anticancer drugs. <i>Analytical Methods</i> , 2012 , 4, 1546-1551 | 3.2 | 13 |
| 12 | Highly sensitive determination of doxorubicin and daunorubicin based on their effect on the resonance light scattering signals of the ethidium-DNA complex. <i>Mikrochimica Acta</i> , 2011 , 175, 217-223 | 5.8 | 13 |
| 11 | Dual-modal fluorescence and light-scattering sensor based on water-soluble carbon dots for silver ions detection. <i>Analytical Methods</i> , 2017 , 9, 5611-5617 | 3.2 | 11 |

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| 10 | Dual-modal light scattering and fluorometric detection of lead ion by stimuli-responsive aggregation of BSA-stabilized copper nanoclusters. <i>RSC Advances</i> , 2016 , 6, 96729-96734 | 3.7 | 11 |
| 9 | Target-activatable gold nanoparticle-based aptasensing for protein biomarkers using stimuli-responsive aggregation. <i>Talanta</i> , 2019 , 192, 112-117 | 6.2 | 10 |
| 8 | A new light-scattering sensor for screening G-quadruplex stabilizers based on DNA-folding-mediated assembly of gold nanoparticles. <i>Journal of Materials Chemistry B</i> , 2013 , 1, 3057-3063 | 7.3 | 10 |
| 7 | A logic gate for fluoride anion detection based on carbon dots/gold nanoparticles. <i>Microchemical Journal</i> , 2020 , 157, 104977 | 4.8 | 8 |
| 6 | High-sensitivity detection of polysaccharide using phosphodiester quaternary ammonium salt as probe by decreased resonance light scattering. <i>Talanta</i> , 2009 , 79, 171-6 | 6.2 | 8 |
| 5 | Dual-Channel Logic Gates Operating on the Chemopalette ssDNA-Ag NCs/GO Nanocomposites. <i>Analytical Chemistry</i> , 2021 , 93, 8326-8335 | 7.8 | 6 |
| 4 | An instrument-based screening assay for DNA-targeted anticancer drugs using resonance light scattering. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2010 , 13, 383-92 | 1.3 | 2 |
| 3 | Phosphodiester quaternary ammonium nanoparticles as label-free light scattering probe for turn-off detection of tyrosine. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019 , 208, 1-6 | 4.4 | 2 |
| 2 | Determination of antibacterial ofloxacin in human serum samples by a resonance light scattering technique with alizarin violet 3B. <i>Analytical Sciences</i> , 2009 , 25, 891-6 | 1.7 | 1 |
| 1 | Target-Activating and Toehold Displacement Ag NCs/GO Biosensor-Mediating Signal Shift and Enhancement for Simultaneous Multiple Detection. <i>Analytical Chemistry</i> , 2021 , 93, 16025-16034 | 7.8 | 1 |