

Xuzhu Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

319
citations

1163117

8
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

701
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | CDK7 Inhibition Potentiates Genome Instability Triggering Anti-tumor Immunity in Small Cell Lung Cancer. <i>Cancer Cell</i> , 2020, 37, 37-54.e9. | 16.8 | 138 |
| 2 | Fluorescence correlation spectroscopy for multiple-site equilibrium binding: a case of doxorubicin-DNA interaction. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 1572-1577. | 2.8 | 20 |
| 3 | Analytical form of the autocorrelation function for the fluorescence correlation spectroscopy. <i>Soft Matter</i> , 2017, 13, 1267-1275. | 2.7 | 4 |
| 4 | Nanoscopic Approach to Quantification of Equilibrium and Rate Constants of Complex Formation at Single-Molecule Level. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 5785-5791. | 4.6 | 8 |
| 5 | Quantitative fluorescence correlation spectroscopy in three-dimensional systems under stimulated emission depletion conditions. <i>Optica</i> , 2017, 4, 982. | 9.3 | 11 |
| 6 | How can macromolecular crowding inhibit biological reactions? The enhanced formation of DNA nanoparticles. <i>Scientific Reports</i> , 2016, 6, 22033. | 3.3 | 19 |
| 7 | Determination of equilibrium and rate constants for complex formation by fluorescence correlation spectroscopy supplemented by dynamic light scattering and Taylor dispersion analysis. <i>Soft Matter</i> , 2016, 12, 8186-8194. | 2.7 | 20 |
| 8 | The Hinge Region Strengthens the Nonspecific Interaction between Lac-Repressor and DNA: A Computer Simulation Study. <i>PLoS ONE</i> , 2016, 11, e0152002. | 2.5 | 6 |
| 9 | Tracking structural transitions of bovine serum albumin in surfactant solutions by fluorescence correlation spectroscopy and fluorescence lifetime analysis. <i>Soft Matter</i> , 2015, 11, 2512-2518. | 2.7 | 14 |
| 10 | A flexible fluorescence correlation spectroscopy based method for quantification of the DNA double labeling efficiency with precision control. <i>Laser Physics Letters</i> , 2014, 11, 085602. | 1.4 | 1 |
| 11 | Fabrication of biodegradable micelles with reduction-triggered release of 6-mercaptopurine profile based on disulfide-linked graft copolymer conjugate. <i>Colloids and Surfaces B: Biointerfaces</i> , 2012, 100, 155-162. | 5.0 | 33 |
| 12 | Anti-tumor efficacy of polymer-platinum(II) complex micelles fabricated from folate conjugated PEG-graft- β - γ -poly [(N-amino acidyl)-aspartamide] and cis-dichlorodiammine platinum(II) in tumor-bearing mice. <i>Colloids and Surfaces B: Biointerfaces</i> , 2011, 85, 280-288. | 5.0 | 45 |