

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	Anti-tumor efficacy of polymer-platinum(II) complex micelles fabricated from folate conjugated PEG-graft- β -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
3	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
4	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
5	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
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	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
8	Quantitative fluorescence correlation spectroscopy in three-dimensional systems under stimulated emission depletion conditions. <i>Optica</i> , 2017, 4, 982.	9.3	11
9	Nanosopic 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
10	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
11	Analytical form of the autocorrelation function for the fluorescence correlation spectroscopy. <i>Soft Matter</i> , 2017, 13, 1267-1275.	2.7	4
12	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