Bin Liu

List of Publications by Year
in descending order

61	1,823	279798	289244
papers	citations	23 h-index	40 g-index

61	61	61	2461
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Targeting and promoting atherosclerosis regression using hybrid membrane coated nanomaterials via alleviated inflammation and enhanced autophagy. Applied Materials Today, 2022, 26, 101386.	4.3	7
2	A pH-Driven indomethacin-loaded nanomedicine for effective rheumatoid arthritis therapy by combining with photothermal therapy. Journal of Drug Targeting, 2022, 30, 737-752.	4.4	9
3	Anti-Inflammatory Effects of Ginsenoside Rb3 in LPS-Induced Macrophages Through Direct Inhibition of TLR4 Signaling Pathway. Frontiers in Pharmacology, 2022, 13, 714554.	3.5	4
4	Ofloxacinâ€loaded HMPB NPs for Klebsiella pneumoniae eradication in the surgical wound with the combination of PTT. Biotechnology and Bioengineering, 2022, 119, 1949-1964.	3.3	6
5	Lactate metabolism in rheumatoid arthritis: Pathogenic mechanisms and therapeutic intervention with natural compounds. Phytomedicine, 2022, 100, 154048.	5.3	14
6	Biomimetic Hybrid Membrane-Coated Xuetongsu Assisted with Laser Irradiation for Efficient Rheumatoid Arthritis Therapy. ACS Nano, 2022, 16, 502-521.	14.6	37
7	Hybrid membrane-camouflaged hollow prussian blue nanoparticles for shikonin loading and combined chemo/photothermal therapy of metastatic TNBC. Materials Today Advances, 2022, 14, 100245.	5.2	10
8	Multifunctional nanoparticles of sinomenine hydrochloride for treat-to-target therapy of rheumatoid arthritis via modulation of proinflammatory cytokines. Journal of Controlled Release, 2022, 348, 42-56.	9.9	19
9	A bi-functional fluorescent probe for visualized and rapid natural drug screening via GSTs activity monitoring. Sensors and Actuators B: Chemical, 2021, 328, 129047.	7.8	7
10	A hybrid membrane coating nanodrug system against gastric cancer via the VEGFR2/STAT3 signaling pathway. Journal of Materials Chemistry B, 2021, 9, 3838-3855.	5.8	21
11	Hybrid-cell membrane-coated nanocomplex-loaded chikusetsusaponin IVa methyl ester for a combinational therapy against breast cancer assisted by Ce6. Biomaterials Science, 2021, 9, 2991-3004.	5.4	20
12	A radar-like DNA monitor for RNase H-targeted natural compounds screening and RNase H activity in situ detection. Analyst, The, 2021, 146, 5980-5987.	3.5	5
13	A new fluorescence method for monitoring PNK activity in vitro, natural compounds screening and intracellular imaging. Sensors and Actuators B: Chemical, 2021, 329, 129203.	7.8	6
14	Cytotoxicity of Schisandronic Acid from Kadsura coccinea by Activation of Caspase-3, Cleavage of poly-ADP Ribose Polymerase, and Reduction of Oxidative Stress. Revista Brasileira De Farmacognosia, 2021, 31, 51-58.	1.4	3
15	A graphene-based fluorescent nanoprobe for simultaneous imaging of dual miRNAs in living cells. Talanta, 2021, 225, 121947.	5.5	16
16	Biomimetic nanoparticles loading with gamabutolin-indomethacin for chemo/photothermal therapy of cervical cancer and anti-inflammation. Journal of Controlled Release, 2021, 339, 259-273.	9.9	31
17	A rGOâ€“DNAzyme assisted fluorescence method for sensitive RNase A activity assay and natural compound screening. Analytical Methods, 2021, 13, 4298-4306.	2.7	0
18	Real-time monitoring and effector screening of APE1 based on rGO assisted DNA nanoprobe. Analytical Biochemistry, 2021, 633, 114394.	2.4	10

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19	RNase A activity analysis and imaging using label-free DNA-templated silver nanoclusters. Talanta, 2020, 209, 120512.	5.5	3
20	Endogenous Cys-Assisted GSH@AgNCs-rGO Nanoprobe for Real-Time Monitoring of Dynamic Change in GSH Levels Regulated by Natural Drug. Analytical Chemistry, 2020, 92, 1988-1996.	6.5	29
21	Silver nanoparticles coated by green graphene quantum dots for accelerating the healing of MRSA-infected wounds. Biomaterials Science, 2020, 8, 6670-6682.	5.4	29
22	PEGylated WS₂ nanodrug system with erythrocyte membrane coating for chemo/photothermal therapy of cervical cancer. Biomaterials Science, 2020, 8, 5088-5105.	5.4	32
23	Sequentially-targeted biomimetic nano drug system for triple-negative breast cancer ablation and lung metastasis inhibition. Acta Biomaterialia, 2020, 113, 554-569.	8.3	47
24	A RBC membrane-camouflaged biomimetic nanoplatform for enhanced chemo-photothermal therapy of cervical cancer. Journal of Materials Chemistry B, 2020, 8, 4080-4092.	5.8	20
25	Development of a nanodrug-delivery system camouflaged by erythrocyte membranes for the chemo/phototherapy of cancer. Nanomedicine, 2020, 15, 691-709.	3.3	14
26	A DNAzyme-rGO coupled fluorescence assay for T4PNK activity in vitro and intracellular imaging. Sensors and Actuators B: Chemical, 2020, 310, 127884.	7.8	14
27	PB@PDA@Ag nanosystem for synergistically eradicating MRSA and accelerating diabetic wound healing assisted with laser irradiation. Biomaterials, 2020, 243, 119936.	11.4	153
28	Sensitive RNase A detection and intracellular imaging using a natural compound-assisted tetrahedral DNA nanoprobe. Chemical Communications, 2020, 56, 3229-3232.	4.1	11
29	Activity assay and intracellular imaging of APE1 assisted with tetrahedral DNA nanostructure modified-dnazyme and molecular beacon. Sensors and Actuators B: Chemical, 2020, 317, 128203.	7.8	22
30	Biosafety and biocompatibility assessment of Prussian blue nanoparticles in vitro and in vivo. Nanomedicine, 2020, 15, 2655-2670.	3.3	26
31	DNAzyme and rGO based fluorescence assay for Fpg activity analysis, drug screening, and bacterial imaging. Talanta, 2020, 218, 121158.	5.5	6
32	A smart drug-delivery nanosystem based on carboxylated graphene quantum dots for tumor-targeted chemotherapy. Nanomedicine, 2019, 14, 2011-2025.	3.3	47
33	Aptamer-tagged silver nanoclusters for cell image and Mucin1 detection in vitro. Talanta, 2019, 205, 120075.	5.5	17
34	Monitoring VEGF mRNA and imaging in living cells in vitro using rGO-based dual fluorescent signal amplification platform. Talanta, 2019, 205, 120092.	5.5	10
35	An erythrocyte membrane coated mimetic nano-platform for chemo-phototherapy and multimodal imaging. RSC Advances, 2019, 9, 27911-27926.	3.6	26
36	Daptomycin and AgNP co-loaded rGO nanocomposites for specific treatment of Gram-positive bacterial infection in vitro and in vivo. Biomaterials Science, 2019, 7, 5097-5111.	5.4	23

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37	A novel fluorescence method for activity assay and drug screening of T4 PNK by coupling rGO with ligase reaction. Analyst, The, 2019, 144, 1187-1196.	3.5	13
38	A cascade amplification platform assisted with DNAzyme for activity analysis, kinetic study and effector screening of Fpg in vitro. Analyst, The, 2019, 144, 1731-1740.	3.5	12
39	RBC membrane camouflaged prussian blue nanoparticles for gamabutolin loading and combined chemo/photothermal therapy of breast cancer. Biomaterials, 2019, 217, 119301.	11.4	127
40	An rGONS-based biosensor for simultaneous imaging of p53 and p21 mRNA in living cells. Talanta, 2019, 204, 20-28.	5.5	12
41	An ultrasensitive and simple assay for the Hepatitis C virus using a reduced graphene oxide-assisted hybridization chain reaction. Analyst, The, 2019, 144, 3972-3979.	3.5	24
42	Fluorometric determination of RNase H via a DNAzyme conjugated to reduced graphene oxide, and its application to screening forÂinhibitors and activators. Mikrochimica Acta, 2019, 186, 335.	5.0	9
43	Systematic Assessment of the Toxicity and Potential Mechanism of Graphene Derivatives In Vitro and In Vivo. Toxicological Sciences, 2019, 167, 269-281.	3.1	48
44	An enhanced silver nanocluster system for cytochrome c detection and natural drug screening targeted for cytochrome c. Sensors and Actuators B: Chemical, 2019, 291, 485-492.	7.8	22
45	Molecular pharmacology of inflammation: Medicinal plants as anti-inflammatory agents. Pharmacological Research, 2019, 139, 126-140.	7.1	209
46	Ultrasensitive and non-labeling fluorescence assay for biothiols using enhanced silver nanoclusters. Sensors and Actuators B: Chemical, 2018, 267, 174-180.	7.8	26
47	Sensitive Detection of RNase A Activity and Collaborative Drug Screening Based on rGO and Fluorescence Probe. Analytical Chemistry, 2018, 90, 2655-2661.	6.5	29
48	Seco-dammarane triterpenoids from the leaves of Cyclocarya paliurus. Phytochemistry, 2018, 145, 85-92.	2.9	33
49	Lignans from Tujia Ethnomedicine Heilaohu: Chemical Characterization and Evaluation of Their Cytotoxicity and Antioxidant Activities. Molecules, 2018, 23, 2147.	3.8	38
50	An ultrasensitive and simple method for alkaline phosphatase assay and targeted natural compound screening in vitro. Analytical and Bioanalytical Chemistry, 2018, 410, 5219-5228.	3.7	7
51	Synthesis of DNA-guided silver nanoparticles on a graphene oxide surface: enhancing the antibacterial effect and the wound healing activity. RSC Advances, 2018, 8, 28238-28248.	3.6	27
52	PEGylated mBPEI-rGO nanocomposites facilitate hepotocarcinoma treatment combining photothermal therapy and chemotherapy. Science Bulletin, 2018, 63, 935-946.	9.0	32
53	DNase-targeted natural product screening based on a sensitive and selective DNase I detecting system. RSC Advances, 2017, 7, 30911-30918.	3.6	8
54	Fluorescence Assay for Ribonuclease H Based on Nonlabeled Substrate and DNAzyme Assisted Cascade Amplification. Analytical Chemistry, 2017, 89, 11014-11020.	6.5	37

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55	Increasing the sensitivity and selectivity of a GONS quenched probe for an mRNA assay assisted with duplex specific nuclease. RSC Advances, 2017, 7, 35629-35637.	3.6	12
56	An end-point method based on graphene oxide for RNase H analysis and inhibitors screening. Biosensors and Bioelectronics, 2017, 90, 103-109.	10.1	36
57	A Hollowâ€Structured CuS@Cu₂S@Au Nanohybrid: Synergistically Enhanced Photothermal Efficiency and Photoswitchable Targeting Effect for Cancer Theranostics. Advanced Materials, 2017, 29, 1701266.	21.0	252
58	A rapid and sensitive method for kinetic study and activity assay of DNase I in vitro based on a GO-quenched hairpin probe. Analytical and Bioanalytical Chemistry, 2016, 408, 3801-3809.	3.7	11
59	An ultrasensitive fluorescence method suitable for quantitative analysis of mung bean nuclease and inhibitor screening in vitro and vivo. Biosensors and Bioelectronics, 2016, 83, 169-176.	10.1	15
60	A real time S1 assay at neutral pH based on graphene oxide quenched fluorescence probe. Sensing and Bio-Sensing Research, 2016, 7, 42-47.	4.2	6
61	Real time monitoring of junction ribonuclease activity of RNase H using chimeric molecular beacons. Analyst, The, 2013, 138, 3238.	3.5	24