

# Chunyi Tong

## List of Publications by Year in descending order

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Version: 2024-02-01

61  
papers

1,530  
citations

279701

23  
h-index

345118

36  
g-index

63  
all docs

63  
docs citations

63  
times ranked

2052  
citing authors

#	ARTICLE	IF	CITATIONS
1	PB@PDA@Ag nanosystem for synergistically eradicating MRSA and accelerating diabetic wound healing assisted with laser irradiation. <i>Biomaterials</i> , 2020, 243, 119936.	5.7	153
2	RBC membrane camouflaged prussian blue nanoparticles for gamabutolin loading and combined chemo/photothermal therapy of breast cancer. <i>Biomaterials</i> , 2019, 217, 119301.	5.7	127
3	Microneedle Patches as Drug and Vaccine Delivery Platform. <i>Current Medicinal Chemistry</i> , 2017, 24, 2413-2422.	1.2	94
4	Triple-Layer Vascular Grafts Fabricated by Combined E-Jet 3D Printing and Electrospinning. <i>Annals of Biomedical Engineering</i> , 2018, 46, 1254-1266.	1.3	54
5	Genomic and secretomic insight into lignocellulolytic system of an endophytic bacterium <i>Pantoea ananatis</i> Sd-1. <i>Biotechnology for Biofuels</i> , 2016, 9, 25.	6.2	52
6	Isolation and evaluation of endophytic <i>Streptomyces endus</i> OsiSh-2 with potential application for biocontrol of rice blast disease. <i>Journal of the Science of Food and Agriculture</i> , 2017, 97, 1149-1157.	1.7	51
7	A smart drug-delivery nanosystem based on carboxylated graphene quantum dots for tumor-targeted chemotherapy. <i>Nanomedicine</i> , 2019, 14, 2011-2025.	1.7	47
8	Sequentially-targeted biomimetic nano drug system for triple-negative breast cancer ablation and lung metastasis inhibition. <i>Acta Biomaterialia</i> , 2020, 113, 554-569.	4.1	47
9	Electrospun vein grafts with high cell infiltration for vascular tissue engineering. <i>Materials Science and Engineering C</i> , 2017, 81, 407-415.	3.8	40
10	Fluorescence Assay for Ribonuclease H Based on Nonlabeled Substrate and DNAzyme Assisted Cascade Amplification. <i>Analytical Chemistry</i> , 2017, 89, 11014-11020.	3.2	37
11	An end-point method based on graphene oxide for RNase H analysis and inhibitors screening. <i>Biosensors and Bioelectronics</i> , 2017, 90, 103-109.	5.3	36
12	The Role of Iron Competition in the Antagonistic Action of the Rice Endophyte <i>Streptomyces sporocinereus</i> OsiSh-2 Against the Pathogen <i>Magnaporthe oryzae</i> . <i>Microbial Ecology</i> , 2018, 76, 1021-1029.	1.4	35
13	Involvement of Fenton chemistry in rice straw degradation by the lignocellulolytic bacterium <i>Pantoea ananatis</i> Sd-1. <i>Biotechnology for Biofuels</i> , 2016, 9, 211.	6.2	33
14	PEGylated mBPEI-rGO nanocomposites facilitate hepatocarcinoma treatment combining photothermal therapy and chemotherapy. <i>Science Bulletin</i> , 2018, 63, 935-946.	4.3	32
15	Biomimetic nanoparticles loading with gamabutolin-indomethacin for chemo/photothermal therapy of cervical cancer and anti-inflammation. <i>Journal of Controlled Release</i> , 2021, 339, 259-273.	4.8	31
16	Sensitive Detection of RNase A Activity and Collaborative Drug Screening Based on rGO and Fluorescence Probe. <i>Analytical Chemistry</i> , 2018, 90, 2655-2661.	3.2	29
17	Endogenous Cys-Assisted GSH@AgNCs-rGO Nanoprobe for Real-Time Monitoring of Dynamic Change in GSH Levels Regulated by Natural Drug. <i>Analytical Chemistry</i> , 2020, 92, 1988-1996.	3.2	29
18	Silver nanoparticles coated by green graphene quantum dots for accelerating the healing of <i>MRSA</i> -infected wounds. <i>Biomaterials Science</i> , 2020, 8, 6670-6682.	2.6	29

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19	Synthesis of DNA-guided silver nanoparticles on a graphene oxide surface: enhancing the antibacterial effect and the wound healing activity. <i>RSC Advances</i> , 2018, 8, 28238-28248.	1.7	27
20	Ultrasensitive and non-labeling fluorescence assay for biothiols using enhanced silver nanoclusters. <i>Sensors and Actuators B: Chemical</i> , 2018, 267, 174-180.	4.0	26
21	Biosafety and biocompatibility assessment of Prussian blue nanoparticles <i>in vitro</i> and <i>in vivo</i> . <i>Nanomedicine</i> , 2020, 15, 2655-2670.	1.7	26
22	Nanocomposite based on graphene and intercalated covalent organic frameworks with hydrosulphonyl groups for electrochemical determination of heavy metal ions. <i>Mikrochimica Acta</i> , 2021, 188, 295.	2.5	25
23	Real time monitoring of junction ribonuclease activity of RNase H using chimeric molecular beacons. <i>Analyst</i> , The, 2013, 138, 3238.	1.7	24
24	An ultrasensitive and simple assay for the Hepatitis C virus using a reduced graphene oxide-assisted hybridization chain reaction. <i>Analyst</i> , The, 2019, 144, 3972-3979.	1.7	24
25	Daptomycin and AgNP co-loaded rGO nanocomposites for specific treatment of Gram-positive bacterial infection <i>in vitro</i> and <i>in vivo</i> . <i>Biomaterials Science</i> , 2019, 7, 5097-5111.	2.6	23
26	&lt;p&gt;Transportan-derived cell-penetrating peptide delivers siRNA to inhibit replication of influenza virus <i>in vivo</i> &lt;/p&gt;. <i>Drug Design, Development and Therapy</i> , 2019, Volume 13, 1059-1068.	2.0	23
27	Carbon Dots as Environment-Friendly and Efficient Corrosion Inhibitors for Q235 Steel in 1 M HCl. <i>Langmuir</i> , 2021, 37, 14336-14344.	1.6	23
28	Artemisinin and Procyanidins loaded multifunctional nanocomplexes alleviate atherosclerosis via simultaneously modulating lipid influx and cholesterol efflux. <i>Journal of Controlled Release</i> , 2022, 341, 828-843.	4.8	23
29	Activity assay and intracellular imaging of APE1 assisted with tetrahedral DNA nanostructure modified-dnzyme and molecular beacon. <i>Sensors and Actuators B: Chemical</i> , 2020, 317, 128203.	4.0	22
30	A hybrid membrane coating nanodrug system against gastric cancer <i>via</i> the VEGFR2/STAT3 signaling pathway. <i>Journal of Materials Chemistry B</i> , 2021, 9, 3838-3855.	2.9	21
31	An effective thermal therapy against cancer using an E&Cet 3D&Cprinting method to prepare implantable magnetocaloric mats. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2018, 106, 1827-1841.	1.6	18
32	Aptamer-tagged silver nanoclusters for cell image and Mucin1 detection <i>in vitro</i> . <i>Talanta</i> , 2019, 205, 120075.	2.9	17
33	A graphene-based fluorescent nanoprobe for simultaneous imaging of dual miRNAs in living cells. <i>Talanta</i> , 2021, 225, 121947.	2.9	16
34	An ultrasensitive fluorescence method suitable for quantitative analysis of mung bean nuclease and inhibitor screening <i>in vitro</i> and <i>in vivo</i> . <i>Biosensors and Bioelectronics</i> , 2016, 83, 169-176.	5.3	15
35	Detection of Cu <sup>2+</sup> in Water Based on Histidine-Gold Labeled Multiwalled Carbon Nanotube Electrochemical Sensor. <i>International Journal of Analytical Chemistry</i> , 2017, 2017, 1-8.	0.4	14
36	A DNzyme-rGO coupled fluorescence assay for T4PNK activity <i>in vitro</i> and intracellular imaging. <i>Sensors and Actuators B: Chemical</i> , 2020, 310, 127884.	4.0	14

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37	A novel fluorescence method for activity assay and drug screening of T4 PNK by coupling rGO with ligase reaction. <i>Analyst, The</i> , 2019, 144, 1187-1196.	1.7	13
38	Comparison of antimicrobial activities of polyacrylonitrile fibers modified with quaternary phosphonium salts having different alkyl chain lengths. <i>Journal of Applied Polymer Science</i> , 2016, 133, .	1.3	12
39	Increasing the sensitivity and selectivity of a GONS quenched probe for an mRNA assay assisted with duplex specific nuclease. <i>RSC Advances</i> , 2017, 7, 35629-35637.	1.7	12
40	A cascade amplification platform assisted with DNAzyme for activity analysis, kinetic study and effector screening of Fpg <i>in vitro</i> . <i>Analyst, The</i> , 2019, 144, 1731-1740.	1.7	12
41	An rGONS-based biosensor for simultaneous imaging of p53 and p21 mRNA in living cells. <i>Talanta</i> , 2019, 204, 20-28.	2.9	12
42	A rapid and sensitive method for kinetic study and activity assay of DNase I <i>in vitro</i> based on a GO-quenched hairpin probe. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 3801-3809.	1.9	11
43	A dual signal amplification method for miR-204 assay by combining chimeric molecular beacon with double-stranded nuclease. <i>Analytical Methods</i> , 2018, 10, 5834-5841.	1.3	11
44	Quantitative Detection of miRNA-21 Expression in Tumor Cells and Tissues Based on Molecular Beacon. <i>International Journal of Analytical Chemistry</i> , 2018, 2018, 1-7.	0.4	11
45	Sensitive RNase A detection and intracellular imaging using a natural compound-assisted tetrahedral DNA nanoprobe. <i>Chemical Communications</i> , 2020, 56, 3229-3232.	2.2	11
46	Monitoring VEGF mRNA and imaging in living cells <i>in vitro</i> using rGO-based dual fluorescent signal amplification platform. <i>Talanta</i> , 2019, 205, 120092.	2.9	10
47	Real-time monitoring and effector screening of APE1 based on rGO assisted DNA nanoprobe. <i>Analytical Biochemistry</i> , 2021, 633, 114394.	1.1	10
48	Fluorometric determination of RNase H via a DNAzyme conjugated to reduced graphene oxide, and its application to screening for inhibitors and activators. <i>Mikrochimica Acta</i> , 2019, 186, 335.	2.5	9
49	A pH-Driven indomethacin-loaded nanomedicine for effective rheumatoid arthritis therapy by combining with photothermal therapy. <i>Journal of Drug Targeting</i> , 2022, 30, 737-752.	2.1	9
50	DNase-targeted natural product screening based on a sensitive and selective DNase I detecting system. <i>RSC Advances</i> , 2017, 7, 30911-30918.	1.7	8
51	An ultrasensitive and simple method for alkaline phosphatase assay and targeted natural compound screening <i>in vitro</i> . <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 5219-5228.	1.9	7
52	A real time S1 assay at neutral pH based on graphene oxide quenched fluorescence probe. <i>Sensing and Bio-Sensing Research</i> , 2016, 7, 42-47.	2.2	6
53	A new fluorescence method for monitoring PNK activity <i>in vitro</i> , natural compounds screening and intracellular imaging. <i>Sensors and Actuators B: Chemical</i> , 2021, 329, 129203.	4.0	6
54	DNAzyme and rGO based fluorescence assay for Fpg activity analysis, drug screening, and bacterial imaging. <i>Talanta</i> , 2020, 218, 121158.	2.9	6

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55	Ofloxacin-loaded HMPB NPs for <i>Klebsiella pneumoniae</i> eradication in the surgical wound with the combination of PTT. <i>Biotechnology and Bioengineering</i> , 2022, 119, 1949-1964.	1.7	6
56	A radar-like DNA monitor for RNase H-targeted natural compounds screening and RNase H activity <i>in situ</i> detection. <i>Analyst</i> , 2021, 146, 5980-5987.	1.7	5
57	RNase A activity analysis and imaging using label-free DNA-templated silver nanoclusters. <i>Talanta</i> , 2020, 209, 120512.	2.9	3
58	A rapid and simple method to assess the changes of human VEGF mRNA based on dual molecular beacons. <i>Analytical Methods</i> , 2014, 6, 4585-4592.	1.3	1
59	Mechanisms involved in electrospraying of macromolecules for micro-delivery. <i>Journal of Controlled Release</i> , 2015, 213, e148.	4.8	0
60	Cover Image, Volume 97, Issue 4. <i>Journal of the Science of Food and Agriculture</i> , 2017, 97, i-i.	1.7	0
61	A rGO-DNAzyme assisted fluorescence method for sensitive RNase A activity assay and natural compound screening. <i>Analytical Methods</i> , 2021, 13, 4298-4306.	1.3	0