Yuanqing Zhang

List of Publications by Year
in descending order

50 papers	2,039 citations	279487 23 h-index	243296 44 g-index
52 all docs	52 docs citations	52 times ranked	3576 citing authors

#	Article	IF	Citations
1	Pharmaceutical applications of framework nucleic acids. Acta Pharmaceutica Sinica B, 2022, 12, 76-91.	5.7	16
2	Accurate Isolation of Circulating Tumor Cells via a Heterovalent DNA Framework Recognition Element-Functionalized Microfluidic Chip. ACS Sensors, 2022, 7, 666-673.	4.0	15
3	Doxorubicin-Loaded UiO-66/Bi₂S₃ Nanocomposite-Enhanced Synergistic Transarterial Chemoembolization and Photothermal Therapy against Hepatocellular Carcinoma. ACS Applied Materials & Interfaces, 2022, 14, 7579-7591.	4.0	18
4	Unbiased Enrichment of Circulating Tumor Cells Via DNAzyme-Catalyzed Proximal Protein Biotinylation. Nano Letters, 2022, 22, 1618-1625.	4.5	16
5	In situ signal amplification improves the capture efficiency of circulating tumor cells with low expression of EpCAM. Analytica Chimica Acta, 2022, 1221, 340133.	2.6	3
6	NIR Light-Propelled Janus-Based Nanoplatform for Cytosolic-Fueled microRNA Imaging. ACS Applied Materials & Interfaces, 2021, 13, 3713-3721.	4.0	33
7	Utilizing a high-throughput microdevice to study breast tumor cells clustering and metastasis. Analytica Chimica Acta, 2021, 1151, 338222.	2.6	3
8	Tetrahedral DNA Nanostructures Inhibit Ferroptosis and Apoptosis in Cisplatin-induced Renal Injury. ACS Applied Bio Materials, 2021, 4, 5026-5032.	2.3	7
9	Coating with flexible DNA network enhanced T-cell activation and tumor killing for adoptive cell therapy. Acta Pharmaceutica Sinica B, 2021, 11, 1965-1977.	5.7	5
10	Mobile DNA tetrahedron on ultra-low adsorption lipid membrane for directional control of cell sensing. Sensors and Actuators B: Chemical, 2020, 307, 127570.	4.0	9
11	Destructing the Plasma Membrane with Activatable Vesicular DNA Nanopores. ACS Applied Materials & Interfaces, 2020, 12, 96-105.	4.0	16
12	Bioinspired DNA Nanointerface with Anisotropic Aptamers for Accurate Capture of Circulating Tumor Cells. Advanced Science, 2020, 7, 2000647.	5.6	47
13	Extracellular vesicles engineered with valency-controlled DNA nanostructures deliver CRISPR/Cas9 system for gene therapy. Nucleic Acids Research, 2020, 48, 8870-8882.	6.5	101
14	Gold(<scp>iii</scp>)-catalyzed azide-yne cyclization/Oâ€“H insertion cascade reaction for the expeditious construction of 3-alkoxy-4-quinolinone frameworks. Organic and Biomolecular Chemistry, 2020, 18, 3888-3892.	1.5	19
15	Multifunctional MoS2 nanosheets with Au NPs grown in situ for synergistic chemo-photothermal therapy. Colloids and Surfaces B: Biointerfaces, 2019, 184, 110551.	2.5	25
16	A Dynamic 3D Tumor Spheroid Chip Enables More Accurate Nanomedicine Uptake Evaluation. Advanced Science, 2019, 6, 1901462.	5.6	39
17	Small fluorescent albumin nanoparticles for targeted photothermal therapy via albumin-Binding protein pathways. Colloids and Surfaces B: Biointerfaces, 2019, 181, 696-704.	2.5	7
18	A DNA nanostructured biosensor for electrochemical analysis of HER2 using bioconjugate of GNR@Pd SSsâ€”Aptâ€”HRP. Sensors and Actuators B: Chemical, 2019, 296, 126650.	4.0	29

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19	Virus-Mimicking Cell Capture Using Heterovalency Magnetic DNA Nanoclaws. ACS Applied Materials & Interfaces, 2019, 11, 12244-12252.	4.0	26
20	PEGylated chitosan nanoparticles with embedded bismuth sulfide for dual-wavelength fluorescent imaging and photothermal therapy. Carbohydrate Polymers, 2018, 184, 445-452.	5.1	39
21	Label-free electrochemical detection of HepG2 tumor cells with a self-assembled DNA nanostructure-based aptasensor. Sensors and Actuators B: Chemical, 2018, 268, 359-367.	4.0	63
22	Singleâ€Cell Mobility Analysis of Metastatic Breast Cancer Cells. Advanced Science, 2018, 5, 1801158.	5.6	17
23	A DNA nanostructured aptasensor for the sensitive electrochemical detection of HepG2 cells based on multibranched hybridization chain reaction amplification strategy. Biosensors and Bioelectronics, 2018, 117, 416-421.	5.3	68
24	Beta-Defensin 2 and 3 Promote Bacterial Clearance of Pseudomonas aeruginosa by Inhibiting Macrophage Autophagy through Downregulation of Early Growth Response Gene-1 and c-FOS. Frontiers in Immunology, 2018, 9, 211.	2.2	32
25	One-pot synthesis of AIE based bismuth sulfide nanotheranostics for fluorescence imaging and photothermal therapy. Colloids and Surfaces B: Biointerfaces, 2017, 160, 297-304.	2.5	25
26	Voltammetric aptamer based detection of HepG2 tumor cells by using an indium tin oxide electrode array and multifunctional nanoprobes. Mikrochimica Acta, 2017, 184, 3487-3496.	2.5	23
27	Nanomaterials in Targeting Cancer Stem Cells for Cancer Therapy. Frontiers in Pharmacology, 2017, 8, 1.	1.6	429
28	Nanomaterial-based Microfluidic Chips for the Capture and Detection of Circulating Tumor Cells. Nanotheranostics, 2017, 1, 389-402.	2.7	29
29	Pseudomonas aeruginosa promotes autophagy to suppress macrophage-mediated bacterial eradication. International Immunopharmacology, 2016, 38, 214-222.	1.7	17
30	Pseudomonas aeruginosa Triggers Macrophage Autophagy To Escape Intracellular Killing by Activation of the NLRP3 Inflammasome. Infection and Immunity, 2016, 84, 56-66.	1.0	94
31	Highâ€Throughput, Labelâ€Free Isolation of Cancer Stem Cells on the Basis of Cell Adhesion Capacity. Angewandte Chemie - International Edition, 2015, 54, 10838-10842.	7.2	33
32	IFN-Î³ differentially regulates subsets of Gr-1+CD11b+ myeloid cells in chronic inflammation. Molecular Immunology, 2015, 66, 451-462.	1.0	20
33	Utilizing a high-throughput microfluidic platform to study hypoxia-driven mesenchymal-mode cell migration. Integrative Biology (United Kingdom), 2015, 7, 672-680.	0.6	20
34	Self-assembled polymeric micelles based on THP and THF linkage for pH-responsive drug delivery. Polymer, 2014, 55, 2977-2985.	1.8	20
35	Mesenchymalâ€Mode Migration Assay and Antimetastatic Drug Screening with Highâ€Throughput Microfluidic Channel Networks. Angewandte Chemie - International Edition, 2014, 53, 2344-2348.	7.2	57
36	Dynamic Covalent Diblock Copolymers: Instructed Coupling, Micellation and Redox Responsiveness. Macromolecules, 2014, 47, 7431-7441.	2.2	23

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37	High-Throughput 3D Cell Invasion Chip Enables Accurate Cancer Metastatic Assays. Journal of the American Chemical Society, 2014, 136, 15257-15262.	6.6	37
38	Encapsulation of curcumin within poly(amidoamine) dendrimers for delivery to cancer cells. Journal of Materials Science: Materials in Medicine, 2013, 24, 2137-2144.	1.7	49
39	Dendrimerâ€“folateâ€“copper conjugates as bioprobes for synchrotron X-ray fluorescence imaging. Chemical Communications, 2013, 49, 10388-10390.	2.2	8
40	Synthesis and 188Re Radiolabelling of Dendrimer Polyamide Amine (PAMAM) Folic Acid Conjugate. Medicinal Chemistry, 2012, 8, 727-731.	0.7	15
41	Multiplexed volumetric bar-chart chip for point-of-care diagnostics. Nature Communications, 2012, 3, 1283.	5.8	192
42	Radiosynthesis, biodistribution and micro-SPECT imaging study of dendrimerâ€“avidin conjugate. Bioorganic and Medicinal Chemistry, 2011, 19, 1643-1648.	1.4	41
43	Synthesis and characterization of wellâ€defined lactic acidâ€“PEG cooligomers and its tricarbonyl rhenium conjugates. Journal of Polymer Science Part A, 2011, 49, 1745-1752.	2.5	7
44	Design, synthesis, and evaluation of cyclofenil derivatives for potential SPECT imaging agents. Journal of Biological Inorganic Chemistry, 2010, 15, 591-599.	1.1	11
45	Synthesis, Radiolabelling and in vitro Stability Study of ^{99m}Tc(CO)⁺₃ Labeled Dendrimer PAMAMâ€Folic Acid Conjugate. Chinese Journal of Chemistry, 2010, 28, 2447-2450.	2.6	3
46	Radiosynthesis and micro-SPECT imaging of 99mTc-dendrimer poly(amido)-amine folic acid conjugate. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 927-931.	1.0	60
47	Synthesis, Biodistribution, and Microsingle Photon Emission Computed Tomography (SPECT) Imaging Study of Technetium-99m Labeled PEGylated Dendrimer Poly(amidoamine) (PAMAM)â^'Folic Acid Conjugates. Journal of Medicinal Chemistry, 2010, 53, 3262-3272.	2.9	119
48	Synthesis and binding affinities of Re(I) and 99mTc(I)-containing 16Î±-substituted estradiol complexes: Models for potential breast cancer imaging agents. Steroids, 2010, 75, 905-911.	0.8	16
49	Radioactive synthesis and biodistribution study of Î²-elemeneâ€“99mTc(CO)3 conjugates. Journal of Biological Inorganic Chemistry, 2009, 14, 899-904.	1.1	4
50	Synthesis and antimicrobial evaluation of bile acid tridentate conjugates. Steroids, 2009, 74, 701-706.	0.8	21