

Zhen Cheng

List of Publications by Year in descending order

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341
papers

23,834
citations

9254

74
h-index

10152

140
g-index

361
all docs

361
docs citations

361
times ranked

24809
citing authors

#	ARTICLE	IF	CITATIONS
1	Photoacoustic detection of follicular thyroid carcinoma using targeted Nano-Au-Tripods. Chinese Journal of Chemical Engineering, 2022, 44, 1-7.	1.7	5
2	A phosphorescent probe for in vivo imaging in the second near-infrared window. Nature Biomedical Engineering, 2022, 6, 629-639.	11.6	67
3	Near-Infrared Window II Fluorescence Image-Guided Surgery of High-Grade Gliomas Prolongs the Progression-Free Survival of Patients. IEEE Transactions on Biomedical Engineering, 2022, 69, 1889-1900.	2.5	28
4	An active-passive strategy for enhanced synergistic photothermal-ferroptosis therapy in the NIR-I/II biowindows. Biomaterials Science, 2022, 10, 1104-1112.	2.6	2
5	NIR-II imaging of hepatocellular carcinoma based on a humanized anti-GPC3 antibody. RSC Medicinal Chemistry, 2022, 13, 90-97.	1.7	8
6	Topological supramolecular network enabled high-conductivity, stretchable organic bioelectronics. Science, 2022, 375, 1411-1417.	6.0	230
7	Development of Mitochondria-Targeted Small-Molecule Dyes for Myocardial PET and Fluorescence Bimodal Imaging. Journal of Medicinal Chemistry, 2022, 65, 497-506.	2.9	8
8	Engineering single-atom catalysts toward biomedical applications. Chemical Society Reviews, 2022, 51, 3688-3734.	18.7	43
9	1064Ånm activatable semiconducting polymer-based nanoplatfor for NIR-II fluorescence/NIR-II photoacoustic imaging guided photothermal therapy of orthotopic osteosarcoma. Chemical Engineering Journal, 2022, 445, 136836.	6.6	19
10	Liver injury long-term monitoring and fluorescent image-guided tumor surgery using self-assembly amphiphilic donor-acceptor NIR-II dyes. Biosensors and Bioelectronics, 2022, 212, 114371.	5.3	10
11	Protein scaffolds: antibody alternatives for cancer diagnosis and therapy. RSC Chemical Biology, 2022, 3, 830-847.	2.0	15
12	A "Dual-Source, Dual-Activation" Strategy for an NIR-II Window Theranostic Nanosystem Enabling Optimal Photothermal-son Combination Therapy. Small, 2022, 18, .	5.2	12
13	PET/NIR-II fluorescence imaging and image-guided surgery of glioblastoma using a folate receptor 1±-targeted dual-modal nanoprobe. European Journal of Nuclear Medicine and Molecular Imaging, 2022, 49, 4325-4337.	3.3	14
14	Auditory Display of Fluorescence Image Data in an In Vivo Tumor Model. Diagnostics, 2022, 12, 1728.	1.3	1
15	Acceptor engineering for NIR-II dyes with high photochemical and biomedical performance. Nature Communications, 2022, 13, .	5.8	53
16	Organic single molecule based nano-platform for NIR-II imaging and chemo-photothermal synergistic treatment of tumor. Biomaterials, 2022, 287, 121670.	5.7	18
17	A novel NIR-II nanoprobe for precision imaging of micro-meter sized tumor metastases of multi-organs and skin flap. Chemical Engineering Journal, 2022, 449, 137848.	6.6	13
18	Novel anilino quinazoline-based EGFR tyrosine kinase inhibitors for treatment of non-small cell lung cancer. Biomaterials Science, 2021, 9, 443-455.	2.6	7

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19	Copper(II)-disulfiram loaded melanin-dots for cancer theranostics. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2021, 32, 102340.	1.7	13
20	PET Imaging of Melanoma Using Melanin-Targeted Probe. <i>Methods in Molecular Biology</i> , 2021, 2265, 407-416.	0.4	2
21	Synergistic strategy of rare-earth doped nanoparticles for NIR-II biomedical imaging. <i>Journal of Materials Chemistry B</i> , 2021, 9, 9116-9122.	2.9	14
22	Near-Infrared II Optical Imaging. , 2021, , 397-420.		0
23	Biodegradable Silica-Based Nanotheranostics for Precise MRI/NIR-II Fluorescence Imaging and Self-Reinforcing Antitumor Therapy. <i>Small</i> , 2021, 17, e2006508.	5.2	46
24	Smart Self-Assembly Amphiphilic Cyclopeptide-Dye for Near-Infrared Window II Imaging. <i>Advanced Materials</i> , 2021, 33, e2006902.	11.1	50
25	A Highly Specific Multiple Enhancement Theranostic Nanoprobe for PET/MRI/PAI Image-Guided Radioisotope Combined Photothermal Therapy in Prostate Cancer. <i>Small</i> , 2021, 17, e2100378.	5.2	35
26	Amphiphilic Cyclopeptide-Dyes: Smart Self-Assembly Amphiphilic Cyclopeptide-Dye for Near-Infrared Window II Imaging (<i>Adv. Mater.</i> 16/2021). <i>Advanced Materials</i> , 2021, 33, 2170121.	11.1	0
27	Development and validation of a clinically applicable deep learning strategy (HONORS) for pulmonary nodule classification at CT: A retrospective multicentre study. <i>Lung Cancer</i> , 2021, 155, 78-86.	0.9	14
28	A convenient and efficient solid phase extraction-based pathway for purification of melanin-targeted probe 18F-P3BZA. <i>Microchemical Journal</i> , 2021, 164, 106008.	2.3	1
29	Medical Physics and Imaging – A Timely Perspective. <i>Frontiers in Physics</i> , 2021, 9, .	1.0	5
30	In vivo multifunctional fluorescence imaging using liposome-coated lanthanide nanoparticles in near-infrared-II/IIa/IIb windows. <i>Nano Today</i> , 2021, 38, 101120.	6.2	51
31	Differential Responses of Transplanted Stem Cells to Diseased Environment Unveiled by a Molecular NIR-II Cell Tracker. <i>Research</i> , 2021, 2021, 9798580.	2.8	7
32	Azide-Dye Unexpected Bone Targeting for Near-Infrared Window II Osteoporosis Imaging. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 11543-11553.	2.9	13
33	Editorial: Advances in the Understanding of Tumor Microenvironment: Molecular and Theranostic Imaging. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 731119.	2.0	0
34	Aggregation-Induced Phosphorescent Imaging in the Second Near-Infrared Window. <i>Advanced Optical Materials</i> , 2021, 9, .	3.6	12
35	Development of a Novel Histone Deacetylase-Targeted Near-Infrared Probe for Hepatocellular Carcinoma Imaging and Fluorescence Image-Guided Surgery. <i>Molecular Imaging and Biology</i> , 2020, 22, 476-485.	1.3	35
36	Mitochondria-targeted delocalized lipophilic cation complexed with human serum albumin for tumor cell imaging and treatment. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2020, 23, 102087.	1.7	22

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37	Evaluation of a novel monoclonal antibody mAb109 by immuno-PET/fluorescent imaging for noninvasive lung adenocarcinoma diagnosis. <i>Acta Pharmacologica Sinica</i> , 2020, 41, 101-109.	2.8	6
38	Monitoring the Real-Time Circulatory System-Related Physiological and Pathological Processes In Vivo Using a Multifunctional NIR Probe. <i>Advanced Functional Materials</i> , 2020, 30, 1906343.	7.8	67
39	Tuning the near infrared II emitting wavelength of small molecule dyes by single atom alteration. <i>Chemical Communications</i> , 2020, 56, 523-526.	2.2	20
40	Polydopamine-coated downconversion nanoparticle as an efficient dual-modal near-infrared-II fluorescence and photoacoustic contrast agent for non-invasive visualization of gastrointestinal tract in vivo. <i>Biosensors and Bioelectronics</i> , 2020, 151, 112000.	5.3	33
41	Cancer cell membrane-coated rare earth doped nanoparticles for tumor surgery navigation in NIR-II imaging window. <i>Chemical Engineering Journal</i> , 2020, 385, 123959.	6.6	86
42	First-in-human liver-tumour surgery guided by multispectral fluorescence imaging in the visible and near-infrared-I/II windows. <i>Nature Biomedical Engineering</i> , 2020, 4, 259-271.	11.6	622
43	Synthesis and Application of a Long-Circulating Radiolabeled Peptide for Targeting of Osteosarcoma. <i>Molecular Imaging and Biology</i> , 2020, 22, 940-947.	1.3	4
44	An IR820 Dye-Protein Complex for Second Near-Infrared Window and Photoacoustic Imaging. <i>Advanced Optical Materials</i> , 2020, 8, 1901471.	3.6	30
45	<i>In vivo</i> live imaging of bone using shortwave infrared fluorescent quantum dots. <i>Nanoscale</i> , 2020, 12, 22022-22029.	2.8	16
46	Gold Nanoclusters for NIR Fluorescence Imaging of Bones. <i>Small</i> , 2020, 16, e2003851.	5.2	81
47	Bone Imaging: Gold Nanoclusters for NIR Fluorescence Imaging of Bones (<i>Small</i> 43/2020). <i>Small</i> , 2020, 16, 2070237.	5.2	3
48	First-in-class humanized FSH blocking antibody targets bone and fat. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 28971-28979.	3.3	35
49	Nanoparticle-enhanced chemo-immunotherapy to trigger robust antitumor immunity. <i>Science Advances</i> , 2020, 6, eabc3646.	4.7	92
50	Visualization of Diagnostic and Therapeutic Targets in Glioma With Molecular Imaging. <i>Frontiers in Immunology</i> , 2020, 11, 592389.	2.2	23
51	¹⁸ F-FDG PET/CT imaging of small intestinal metastasis from pulmonary sarcomatoid carcinoma: Brief report and review of the literature. <i>Thoracic Cancer</i> , 2020, 11, 2325-2330.	0.8	8
52	Reactive oxygen species and enzyme dual-responsive biocompatible drug delivery system for targeted tumor therapy. <i>Journal of Controlled Release</i> , 2020, 324, 330-340.	4.8	16
53	⁶⁴ Cu-labeled melanin nanoparticles for PET/CT and radionuclide therapy of tumor. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2020, 29, 102248.	1.7	16
54	A thiopyrylium salt for PET/NIR tumor imaging and image-guided surgery. <i>Molecular Oncology</i> , 2020, 14, 1089-1100.	2.1	20

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55	The Optimal Outcome of Suppressing Ewing Sarcoma Growth in vivo With Biocompatible Bioengineered miR-34a-5p Prodrug. <i>Frontiers in Oncology</i> , 2020, 10, 222.	1.3	5
56	Evaluation of a smart activatable MRI nanoprobe to target matrix metalloproteinases in the early-stages of abdominal aortic aneurysms. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2020, 26, 102177.	1.7	11
57	NIRF Nanoprobes for Cancer Molecular Imaging: Approaching Clinic. <i>Trends in Molecular Medicine</i> , 2020, 26, 469-482.	3.5	63
58	Photoacoustic Imaging: An IR820 Dye-Protein Complex for Second Near-Infrared Window and Photoacoustic Imaging (<i>Advanced Optical Materials</i> 4/2020). <i>Advanced Optical Materials</i> , 2020, 8, 2070017.	3.6	0
59	Deep-Tissue Photothermal Therapy Using Laser Illumination at NIR-IIa Window. <i>Nano-Micro Letters</i> , 2020, 12, 38.	14.4	55
60	Non-Invasive Photoacoustic Imaging of In Vivo Mice with Erythrocyte Derived Optical Nanoparticles to Detect CAD/MI. <i>Scientific Reports</i> , 2020, 10, 5983.	1.6	7
61	Sample-to-Answer-Detection of Rare ctDNA Mutation from 2 mL Plasma with a Fully Integrated DNA Extraction and Digital Droplet PCR Microdevice for Liquid Biopsy. <i>Analytical Chemistry</i> , 2020, 92, 7240-7248.	3.2	37
62	An NIR-II/MR dual modal nanoprobe for liver cancer imaging. <i>Nanoscale</i> , 2020, 12, 11510-11517.	2.8	41
63	Radiolabeled Peptide Probes for Liver Cancer Imaging. <i>Current Medicinal Chemistry</i> , 2020, 27, 6968-6986.	1.2	8
64	Biodistribution, Radiation Dosimetry, and Clinical Application of a Melanin-Targeted PET Probe, ¹⁸ F-P3BZA, in Patients. <i>Journal of Nuclear Medicine</i> , 2019, 60, 16-22.	2.8	25
65	Mitochondria-targeting fluorescent molecules for high efficiency cancer growth inhibition and imaging. <i>Chemical Science</i> , 2019, 10, 7946-7951.	3.7	43
66	Multimodality imaging of naturally active melanin nanoparticles targeting somatostatin receptor subtype 2 in human small-cell lung cancer. <i>Nanoscale</i> , 2019, 11, 14400-14409.	2.8	27
67	Evaluation of integrin α_6 cystine knot PET tracers to detect cancer and idiopathic pulmonary fibrosis. <i>Nature Communications</i> , 2019, 10, 4673.	5.8	73
68	NIR-II Fluorescence Endoscopy for Targeted Imaging of Colorectal Cancer. <i>Advanced Healthcare Materials</i> , 2019, 8, e1900974.	3.9	63
69	Excretable Lanthanide Nanoparticle for Biomedical Imaging and Surgical Navigation in the Second Near-Infrared Window. <i>Advanced Science</i> , 2019, 6, 1902042.	5.6	88
70	Hierarchically Nanostructured Hybrid Platform for Tumor Delineation and Image-Guided Surgery via NIR-II Fluorescence and PET Bimodal Imaging. <i>Small</i> , 2019, 15, e1903382.	5.2	31
71	Controlled Nano-Bio Interface of Functional Nanoprobes for in Vivo Monitoring Enzyme Activity in Tumors. <i>ACS Nano</i> , 2019, 13, 1153-1167.	7.3	16
72	A proof-of-concept application of water-soluble ytterbium(ⁱⁱⁱ) molecular probes in vivo NIR-II whole body bioimaging. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 1962-1967.	3.0	39

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73	A selenium-containing selective histone deacetylase 6 inhibitor for targeted <i>in vivo</i> breast tumor imaging and therapy. <i>Journal of Materials Chemistry B</i> , 2019, 7, 3528-3536.	2.9	13
74	Quaternary Ammonium Salt Based NIR-II Probes for In Vivo Imaging. <i>Advanced Optical Materials</i> , 2019, 7, 1900229.	3.6	66
75	Enhancing Photoacoustic Intensity of Upconversion Nanoparticles by Photoswitchable Azobenzene-Containing Polymers for Dual NIR-II and Photoacoustic Imaging In Vivo. <i>Advanced Optical Materials</i> , 2019, 7, 1900045.	3.6	20
76	Identification of a novel missense mutation c.29G>T in the <i>ABO*A1.02</i> allele from a Chinese individual with an A subtype. <i>Transfusion</i> , 2019, 59, 2162-2163.	0.8	0
77	High Affinity to Skeleton Rare Earth Doped Nanoparticles for Near-Infrared II Imaging. <i>Nano Letters</i> , 2019, 19, 2985-2992.	4.5	141
78	Multimodality Hyperpolarized C-13 MRS/PET/Multiparametric MR Imaging for Detection and Image-Guided Biopsy of Prostate Cancer: First Experience in a Canine Prostate Cancer Model. <i>Molecular Imaging and Biology</i> , 2019, 21, 861-870.	1.3	6
79	Detecting Vulnerable Atherosclerotic Plaques by ⁶⁸ Ga-Labeled Divalent Cystine Knot Peptide. <i>Molecular Pharmaceutics</i> , 2019, 16, 1350-1357.	2.3	9
80	Advancements of Second Near-Infrared Biological Window Fluorophores: Mechanism, Synthesis, and Application In Vivo. <i>Topics in Medicinal Chemistry</i> , 2019, , 81-123.	0.4	3
81	Structure-activity relationships of 2-quinolinecarboxaldehyde thiosemicarbazone gallium(III) complexes with potent and selective anticancer activity. <i>Journal of Inorganic Biochemistry</i> , 2019, 191, 174-182.	1.5	27
82	PET Imaging of HER2-Positive Tumors with Cu-64-Labeled Affibody Molecules. <i>Molecular Imaging and Biology</i> , 2019, 21, 907-916.	1.3	18
83	Synthesis, anticancer activity and mechanism of iron chelator derived from 2,6-diacetylpyridine bis(acylhydrazones). <i>Journal of Inorganic Biochemistry</i> , 2019, 193, 1-8.	1.5	7
84	Polymethine Thiopyrylium Fluorophores with Absorption beyond 1000 nm for Biological Imaging in the Second Near-Infrared Subwindow. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 2049-2059.	2.9	156
85	Highly selective fluorescent visual detection of perfluorooctane sulfonate via blue fluorescent carbon dots and berberine chloride hydrate. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 207, 262-269.	2.0	37
86	Dysregulated integrin $\alpha 2 \beta 3$ and CD47 signaling promotes joint inflammation, cartilage breakdown, and progression of osteoarthritis. <i>JCI Insight</i> , 2019, 4, .	2.3	39
87	Radionuclide-Labeled Peptides for Imaging and Treatment of CXCR4- Overexpressing Malignant Tumors. <i>Current Topics in Medicinal Chemistry</i> , 2019, 19, 17-32.	1.0	8
88	Preparation and Preliminary Molecular Imaging Study of ¹²⁴ I in-situ Labeled Organic Melanin Nanoparticles. <i>Acta Chimica Sinica</i> , 2019, 77, 172.	0.5	3
89	Epitope-specific monoclonal antibodies to FSH β increase bone mass. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 2192-2197.	3.3	65
90	A PET imaging approach for determining EGFR mutation status for improved lung cancer patient management. <i>Science Translational Medicine</i> , 2018, 10, .	5.8	66

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91	Dual T 1 and T 2 weighted magnetic resonance imaging based on Gd 3+ loaded bioinspired melanin dots. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018, 14, 1743-1752.	1.7	12
92	Synergistically Enhancing the Therapeutic Effect of Radiation Therapy with Radiation Activatable and Reactive Oxygen Species-Releasing Nanostructures. <i>ACS Nano</i> , 2018, 12, 4946-4958.	7.3	101
93	Diketopyrrolopyrrole-based semiconducting polymer nanoparticles for <i>in vivo</i> second near-infrared window imaging and image-guided tumor surgery. <i>Chemical Science</i> , 2018, 9, 3105-3110.	3.7	173
94	Gadolinium-chelate functionalized bismuth nanotheranostic agent for <i>in vivo</i> MRI/CT/PAI imaging-guided photothermal cancer therapy. <i>Biomaterials</i> , 2018, 159, 37-47.	5.7	94
95	Novel dual-function near-infrared II fluorescence and PET probe for tumor delineation and image-guided surgery. <i>Chemical Science</i> , 2018, 9, 2092-2097.	3.7	149
96	Crucial breakthrough of second near-infrared biological window fluorophores: design and synthesis toward multimodal imaging and theranostics. <i>Chemical Society Reviews</i> , 2018, 47, 4258-4278.	18.7	737
97	Novel ⁶⁴ Cu Labeled RGD ₂ -BBN Heterotrimers for PET Imaging of Prostate Cancer. <i>Bioconjugate Chemistry</i> , 2018, 29, 1595-1604.	1.8	22
98	Study of Vesicular Monoamine Transporter 2 in Myopic Retina Using [18F]FP-(+)-DTBZ. <i>Molecular Imaging and Biology</i> , 2018, 20, 771-779.	1.3	9
99	Macrophages as a potential tumor-microenvironment target for noninvasive imaging of early response to anticancer therapy. <i>Biomaterials</i> , 2018, 152, 63-76.	5.7	36
100	Preparation of mesoporous silica nanoparticles molecularly imprinted polymer for efficient separation and enrichment of perfluorooctane sulfonate. <i>Journal of Separation Science</i> , 2018, 41, 4363-4369.	1.3	16
101	Molecular Targeted NIR-II Probe for Image-Guided Brain Tumor Surgery. <i>Bioconjugate Chemistry</i> , 2018, 29, 3833-3840.	1.8	62
102	Molecular Imaging in Targeted Therapeutics. <i>Contrast Media and Molecular Imaging</i> , 2018, 2018, 1-2.	0.4	3
103	A Novel Estrogen Receptor β -Targeted Near-Infrared Fluorescent Probe for <i>in Vivo</i> Detection of Breast Tumor. <i>Molecular Pharmaceutics</i> , 2018, 15, 4702-4709.	2.3	20
104	Gallium(III) complexes of β -N-heterocyclic piperidylthiosemicarbazones: Synthesis, structure-activity relationship, cellular uptake and activation of caspases-3/7/9. <i>Journal of Inorganic Biochemistry</i> , 2018, 186, 42-50.	1.5	12
105	Synthesis, antiproliferative activity and mechanism of gallium(III)-thiosemicarbazone complexes as potential anti-breast cancer agents. <i>European Journal of Medicinal Chemistry</i> , 2018, 154, 91-100.	2.6	34
106	Ligand-promoted ruthenium-catalyzed <i>meta</i> C-H chlorination of arenes using <i>N</i> -chloro-2,10-camphorsultam. <i>Chemical Communications</i> , 2018, 54, 6008-6011.	2.2	29
107	Multimodality Molecular Imaging of Cardiovascular Disease Based on Nanoprobes. <i>Cellular Physiology and Biochemistry</i> , 2018, 48, 1401-1415.	1.1	14
108	Synthesis of the Cu-Doped Dual-Emission Fluorescent Carbon Dots and Its Analytical Application. <i>Langmuir</i> , 2018, 34, 9982-9989.	1.6	47

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109	Affibody-functionalized Ag ₂ S quantum dots for photoacoustic imaging of epidermal growth factor receptor overexpressed tumors. <i>Nanoscale</i> , 2018, 10, 16581-16590.	2.8	35
110	Pilot Study of ⁶⁴ CuCl ₂ for PET Imaging of Inflammation. <i>Molecules</i> , 2018, 23, 502.	1.7	7
111	Development of a Novel Ferrocenyl Histone Deacetylase Inhibitor for Triple-Negative Breast Cancer Therapy. <i>Organometallics</i> , 2018, 37, 2368-2375.	1.1	17
112	Tumor-Targeting Peptides: Ligands for Molecular Imaging and Therapy. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2018, 18, 74-86.	0.9	68
113	An erythrosin B-based fluorescent sensor for detecting perfluorooctane sulfonate and perfluorooctanoic acid in environmental water samples. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 201, 281-287.	2.0	27
114	Gallium(III)-2-benzoylpyridine-thiosemicarbazone complexes promote apoptosis through Ca ²⁺ signaling and ROS-mediated mitochondrial pathways. <i>New Journal of Chemistry</i> , 2018, 42, 10226-10233.	1.4	24
115	A sensitive three-signal assay for the determination of PFOS based on the interaction with Nile blue A. <i>Analytical Methods</i> , 2018, 10, 3052-3058.	1.3	11
116	Acid-Promoted D-A-D Type Far-Red Fluorescent Probe with High Photostability for Lysosomal Nitric Oxide Imaging. <i>Analytical Chemistry</i> , 2018, 90, 7953-7962.	3.2	48
117	Microfluidic fluorescence-activated cell sorting (µFACS) chip with integrated piezoelectric actuators for low-cost mammalian cell enrichment. <i>Microfluidics and Nanofluidics</i> , 2017, 21, 1.	1.0	30
118	Novel bright-emission small-molecule NIR-II fluorophores for in vivo tumor imaging and image-guided surgery. <i>Chemical Science</i> , 2017, 8, 3489-3493.	3.7	238
119	Fine tuning the assembly and gel behaviors of PEGylated polypeptide conjugates by the copolymerization of L-alanine and L ³ -benzyl-L-glutamate N-carboxyanhydrides. <i>Journal of Polymer Science Part A</i> , 2017, 55, 1512-1523.	2.5	10
120	Live imaging of follicle stimulating hormone receptors in gonads and bones using near infrared II fluorophore. <i>Chemical Science</i> , 2017, 8, 3703-3711.	3.7	96
121	Multifunctional Biomedical Imaging in Physiological and Pathological Conditions Using a NIR-II Probe. <i>Advanced Functional Materials</i> , 2017, 27, 1700995.	7.8	169
122	Analysis of progress and challenges for various patterns of c-MET-targeted molecular imaging: a systematic review. <i>EJNMMI Research</i> , 2017, 7, 41.	1.1	12
123	Imaging: Multifunctional Biomedical Imaging in Physiological and Pathological Conditions Using a NIR-II Probe (Adv. Funct. Mater. 23(2017)). <i>Advanced Functional Materials</i> , 2017, 27, .	7.8	0
124	A high quantum yield molecule-protein complex fluorophore for near-infrared II imaging. <i>Nature Communications</i> , 2017, 8, 15269.	5.8	458
125	Chelator-Free and Biocompatible Melanin Nanoplatform with Facile-Loading Gadolinium and Copper-64 for Bioimaging. <i>Bioconjugate Chemistry</i> , 2017, 28, 1925-1930.	1.8	32
126	Preparation of magnetic molecularly imprinted polymers for the rapid and selective separation and enrichment of perfluorooctane sulfonate. <i>Journal of Separation Science</i> , 2017, 40, 2819-2826.	1.3	20

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127	PSSMHCpan: a novel PSSM-based software for predicting class I peptide-HLA binding affinity. <i>GigaScience</i> , 2017, 6, 1-11.	3.3	67
128	Novel 2-pyridinecarboxaldehyde thiosemicarbazones Ga(III) complexes with a high antiproliferative activity by promoting apoptosis and inhibiting cell cycle. <i>European Journal of Medicinal Chemistry</i> , 2017, 134, 34-42.	2.6	26
129	Targeted Chemo-Photodynamic Combination Platform Based on the DOX Prodrug Nanoparticles for Enhanced Cancer Therapy. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 13016-13028.	4.0	123
130	Diverse Applications of Nanomedicine. <i>ACS Nano</i> , 2017, 11, 2313-2381.	7.3	976
131	Improved positron emission tomography imaging of glioblastoma cancer using novel ⁶⁸ Ga-labeled peptides targeting the urokinase-type plasminogen activator receptor (uPAR). <i>Amino Acids</i> , 2017, 49, 1089-1100.	1.2	7
132	High-Speed Compressive Microscopy of Flowing Cells Using Sinusoidal Illumination Patterns. <i>IEEE Photonics Journal</i> , 2017, 9, 1-11.	1.0	12
133	Smart Self-Assembled Organic Nanoprobe for Protein-Specific Detection: Design, Synthesis, Application, and Mechanism Studies. <i>Analytical Chemistry</i> , 2017, 89, 10085-10093.	3.2	53
134	Synthesis, crystal structure and antiproliferative mechanisms of 2-acetylpyridine-thiosemicarbazones Ga(III) with a greater selectivity against tumor cells. <i>Journal of Inorganic Biochemistry</i> , 2017, 177, 110-117.	1.5	18
135	In vivo biodistribution and toxicity of intravesical administration of quantum dots for optical molecular imaging of bladder cancer. <i>Scientific Reports</i> , 2017, 7, 9309.	1.6	19
136	FRET-enabled monitoring of the thermosensitive nanoscale assembly of polymeric micelles into macroscale hydrogel and sequential cognate micelles release. <i>Biomaterials</i> , 2017, 145, 81-91.	5.7	38
137	Pilot Study of ⁶⁴ Cu(I) for PET Imaging of Melanoma. <i>Scientific Reports</i> , 2017, 7, 2574.	1.6	21
138	Zwitterionic Manganese and Gadolinium Metal-Organic Frameworks as Efficient Contrast Agents for in Vivo Magnetic Resonance Imaging. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 41378-41386.	4.0	54
139	Effective tracking of bone mesenchymal stem cells <i>in vivo</i> by magnetic resonance imaging using melanin-based gadolinium ³⁺ nanoparticles. <i>Journal of Biomedical Materials Research - Part A</i> , 2017, 105, 131-137.	2.1	19
140	Synthesis, Characterization, and Biomedical Applications of a Targeted Dual-Modal Near-Infrared-II Fluorescence and Photoacoustic Imaging Nanoprobe. <i>ACS Nano</i> , 2017, 11, 12276-12291.	7.3	137
141	Preclinical Study on GRPR-Targeted ⁶⁸ Ga-Probes for PET Imaging of Prostate Cancer. <i>Bioconjugate Chemistry</i> , 2016, 27, 1857-1864.	1.8	27
142	¹⁸ F-FDG PET/CT of Primary Mediastinal Hepatoid Adenocarcinoma. <i>Clinical Nuclear Medicine</i> , 2016, 41, 321-322.	0.7	4
143	Draft Genome Sequence of <i>Zymomonas mobilis</i> ZM481 (ATCC 31823). <i>Genome Announcements</i> , 2016, 4, .	0.8	4
144	Hybrid anisotropic nanostructures for dual-modal cancer imaging and image-guided chemo-thermo therapies. <i>Biomaterials</i> , 2016, 103, 265-277.	5.7	42

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145	Upconversion nanocomposites for photo-based cancer theranostics. <i>Journal of Materials Chemistry B</i> , 2016, 4, 5331-5348.	2.9	25
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