

# Jianghong Rao

## List of Publications by Citations

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131  
papers

11,760  
citations

58  
h-index

107  
g-index

152  
ext. papers

13,253  
ext. citations

11.9  
avg, IF

6.57  
L-index

#	Paper	IF	Citations
131	Semiconducting polymer nanoparticles as photoacoustic molecular imaging probes in living mice. <i>Nature Nanotechnology</i> , <b>2014</b> , 9, 233-9	28.7	898
130	Self-illuminating quantum dot conjugates for in vivo imaging. <i>Nature Biotechnology</i> , <b>2006</b> , 24, 339-43	44.5	676
129	Fluorescence imaging in vivo: recent advances. <i>Current Opinion in Biotechnology</i> , <b>2007</b> , 18, 17-25	11.4	596
128	Real-time imaging of oxidative and nitrosative stress in the liver of live animals for drug-toxicity testing. <i>Nature Biotechnology</i> , <b>2014</b> , 32, 373-80	44.5	423
127	Particle size, surface coating, and PEGylation influence the biodistribution of quantum dots in living mice. <i>Small</i> , <b>2009</b> , 5, 126-34	11	368
126	Bioorthogonal cyclization-mediated in situ self-assembly of small-molecule probes for imaging caspase activity in vivo. <i>Nature Chemistry</i> , <b>2014</b> , 6, 519-26	17.6	314
125	A biocompatible condensation reaction for controlled assembly of nanostructures in living cells. <i>Nature Chemistry</i> , <b>2010</b> , 2, 54-60	17.6	310
124	Recent progress on semiconducting polymer nanoparticles for molecular imaging and cancer phototherapy. <i>Biomaterials</i> , <b>2018</b> , 155, 217-235	15.6	309
123	Diketopyrrolopyrrole-Based Semiconducting Polymer Nanoparticles for In Vivo Photoacoustic Imaging. <i>Advanced Materials</i> , <b>2015</b> , 27, 5184-90	24	256
122	MRI of tumor-associated macrophages with clinically applicable iron oxide nanoparticles. <i>Clinical Cancer Research</i> , <b>2011</b> , 17, 5695-704	12.9	224
121	Strategies for in vivo imaging of enzyme activity: an overview and recent advances. <i>Chemical Society Reviews</i> , <b>2011</b> , 40, 4186-216	58.5	214
120	A Tumor-Specific Cascade Amplification Drug Release Nanoparticle for Overcoming Multidrug Resistance in Cancers. <i>Advanced Materials</i> , <b>2017</b> , 29, 1702342	24	209
119	Self-luminescing BRET-FRET near-infrared dots for in vivo lymph-node mapping and tumour imaging. <i>Nature Communications</i> , <b>2012</b> , 3, 1193	17.4	204
118	Semiconducting polymer nanoprobe for in vivo imaging of reactive oxygen and nitrogen species. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 10325-9	16.4	193
117	How molecular imaging is speeding up antiangiogenic drug development. <i>Molecular Cancer Therapeutics</i> , <b>2006</b> , 5, 2624-33	6.1	178
116	Quantum dot bioconjugates for in vitro diagnostics & in vivo imaging. <i>Cancer Biomarkers</i> , <b>2008</b> , 4, 307-19	3.8	174
115	Novel fluorogenic substrates for imaging beta-lactamase gene expression. <i>Journal of the American Chemical Society</i> , <b>2003</b> , 125, 11146-7	16.4	170

114	Activatable oligomerizable imaging agents for photoacoustic imaging of furin-like activity in living subjects. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 11015-22	16.4	168
113	Affinity capillary electrophoresis: a physical-organic tool for studying interactions in biomolecular recognition. <i>Electrophoresis</i> , <b>1998</b> , 19, 367-82	3.6	166
112	microPET-based biodistribution of quantum dots in living mice. <i>Journal of Nuclear Medicine</i> , <b>2007</b> , 48, 1511-8	8.9	165
111	A biocompatible condensation reaction for the labeling of terminal cysteine residues on proteins. <i>Angewandte Chemie - International Edition</i> , <b>2009</b> , 48, 9658-62	16.4	164
110	Recent advances of semiconducting polymer nanoparticles in in vivo molecular imaging. <i>Journal of Controlled Release</i> , <b>2016</b> , 240, 312-322	11.7	154
109	Multiplex detection of protease activity with quantum dot nanosensors prepared by intein-mediated specific bioconjugation. <i>Analytical Chemistry</i> , <b>2008</b> , 80, 8649-55	7.8	149
108	Superresolution imaging of targeted proteins in fixed and living cells using photoactivatable organic fluorophores. <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 15099-101	16.4	148
107	Imaging tuberculosis with endogenous beta-lactamase reporter enzyme fluorescence in live mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2010</b> , 107, 12239-44	11.5	144
106	Nanotechnology Strategies To Advance Outcomes in Clinical Cancer Care. <i>ACS Nano</i> , <b>2018</b> , 12, 24-43	16.7	142
105	HaloTag protein-mediated site-specific conjugation of bioluminescent proteins to quantum dots. <i>Angewandte Chemie - International Edition</i> , <b>2006</b> , 45, 4936-40	16.4	133
104	Semiconducting Polymer Nanoparticles with Persistent Near-Infrared Luminescence for In Vivo Optical Imaging. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 11477-80	16.4	128
103	Cell-permeable near-infrared fluorogenic substrates for imaging beta-lactamase activity. <i>Journal of the American Chemical Society</i> , <b>2005</b> , 127, 4158-9	16.4	122
102	Controlled self-assembling of gadolinium nanoparticles as smart molecular magnetic resonance imaging contrast agents. <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 6283-6	16.4	121
101	Biosensing and imaging based on bioluminescence resonance energy transfer. <i>Current Opinion in Biotechnology</i> , <b>2009</b> , 20, 37-44	11.4	120
100	Janus Iron Oxides @ Semiconducting Polymer Nanoparticle Tracer for Cell Tracking by Magnetic Particle Imaging. <i>Nano Letters</i> , <b>2018</b> , 18, 182-189	11.5	117
99	Rapid point-of-care detection of the tuberculosis pathogen using a BlaC-specific fluorogenic probe. <i>Nature Chemistry</i> , <b>2012</b> , 4, 802-9	17.6	116
98	Nanoparticles for cancer imaging: The good, the bad, and the promise. <i>Nano Today</i> , <b>2013</b> , 8, 454-460	17.9	113
97	Development of novel tumor-targeted theranostic nanoparticles activated by membrane-type matrix metalloproteinases for combined cancer magnetic resonance imaging and therapy. <i>Small</i> , <b>2014</b> , 10, 566-75, 417	11	112

96	Caspase-responsive smart gadolinium-based contrast agent for magnetic resonance imaging of drug-induced apoptosis. <i>Chemical Science</i> , <b>2014</b> , 4, 3845-3852	9.4	111
95	A bioluminogenic substrate for in vivo imaging of beta-lactamase activity. <i>Angewandte Chemie - International Edition</i> , <b>2007</b> , 46, 7031-4	16.4	110
94	Ultrasound-guided delivery of microRNA loaded nanoparticles into cancer. <i>Journal of Controlled Release</i> , <b>2015</b> , 203, 99-108	11.7	106
93	Design, Synthesis, and Characterization of a High-Affinity Trivalent System Derived from Vancomycin and l-Lys-d-Ala-d-Ala. <i>Journal of the American Chemical Society</i> , <b>2000</b> , 122, 2698-2710	16.4	95
92	Using Surface Plasmon Resonance to Study the Binding of Vancomycin and Its Dimer to Self-Assembled Monolayers Presenting d-Ala-d-Ala. <i>Journal of the American Chemical Society</i> , <b>1999</b> , 121, 2629-2630	16.4	95
91	Protease-modulated cellular uptake of quantum dots. <i>Nano Letters</i> , <b>2006</b> , 6, 1988-92	11.5	94
90	A selenium analogue of firefly D-luciferin with red-shifted bioluminescence emission. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 3350-3	16.4	93
89	Controlling intracellular macrocyclization for the imaging of protease activity. <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 2275-9	16.4	93
88	Carbon-coated FeCo nanoparticles as sensitive magnetic-particle-imaging tracers with photothermal and magnetothermal properties. <i>Nature Biomedical Engineering</i> , <b>2020</b> , 4, 325-334	19	90
87	Near-infrared light emitting luciferase via biomineralization. <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 6884-5	16.4	90
86	Creating self-illuminating quantum dot conjugates. <i>Nature Protocols</i> , <b>2006</b> , 1, 1160-4	18.8	87
85	A Review of Magnetic Particle Imaging and Perspectives on Neuroimaging. <i>American Journal of Neuroradiology</i> , <b>2019</b> , 40, 206-212	4.4	83
84	Positron emission tomography imaging of drug-induced tumor apoptosis with a caspase-triggered nanoaggregation probe. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 10511-4	16.4	83
83	Tight Binding of a Dimeric Derivative of Vancomycin with Dimeric l-Lys-d-Ala-d-Ala. <i>Journal of the American Chemical Society</i> , <b>1997</b> , 119, 10286-10290	16.4	81
82	A self-assembled quantum dot probe for detecting beta-lactamase activity. <i>Biochemical and Biophysical Research Communications</i> , <b>2006</b> , 344, 931-5	3.4	80
81	In vivo bioluminescence imaging of furin activity in breast cancer cells using bioluminogenic substrates. <i>Bioconjugate Chemistry</i> , <b>2009</b> , 20, 1660-6	6.3	75
80	Recent developments of biological reporter technology for detecting gene expression. <i>Biotechnology and Genetic Engineering Reviews</i> , <b>2008</b> , 25, 41-75	4.1	69
79	Shedding light on tumors using nanoparticles. <i>ACS Nano</i> , <b>2008</b> , 2, 1984-6	16.7	67

78	Phosphorylcholine-coated semiconducting polymer nanoparticles as rapid and efficient labeling agents for in vivo cell tracking. <i>Advanced Healthcare Materials</i> , <b>2014</b> , 3, 1292-8	10.1	65
77	HaloTag protein-mediated specific labeling of living cells with quantum dots. <i>Biochemical and Biophysical Research Communications</i> , <b>2008</b> , 374, 419-23	3.4	64
76	Magnetic resonance imaging of stem cell apoptosis in arthritic joints with a caspase activatable contrast agent. <i>ACS Nano</i> , <b>2015</b> , 9, 1150-60	16.7	61
75	Engineered algae: A novel oxygen-generating system for effective treatment of hypoxic cancer. <i>Science Advances</i> , <b>2020</b> , 6, eaba5996	14.3	58
74	Efficient method for site-specific 18F-labeling of biomolecules using the rapid condensation reaction between 2-cyanobenzothiazole and cysteine. <i>Bioconjugate Chemistry</i> , <b>2012</b> , 23, 1902-8	6.3	58
73	Fluorogenic probes with substitutions at the 2 and 7 positions of cephalosporin are highly BlaC-specific for rapid Mycobacterium tuberculosis detection. <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 9360-4	16.4	54
72	Iron administration before stem cell harvest enables MR imaging tracking after transplantation. <i>Radiology</i> , <b>2013</b> , 269, 186-97	20.5	53
71	Improved QD-BRET conjugates for detection and imaging. <i>Biochemical and Biophysical Research Communications</i> , <b>2008</b> , 372, 388-94	3.4	53
70	Comparison of two site-specifically (18)F-labeled affibodies for PET imaging of EGFR positive tumors. <i>Molecular Pharmaceutics</i> , <b>2014</b> , 11, 3947-56	5.6	49
69	Using Capillary Electrophoresis To Study the Electrostatic Interactions Involved in the Association of d-Ala-d-Ala with Vancomycin. <i>Journal of the American Chemical Society</i> , <b>1997</b> , 119, 9336-9340	16.4	47
68	Novel beta-lactam antibiotics derivatives: their new applications as gene reporters, antitumor prodrugs and enzyme inhibitors. <i>Mini-Reviews in Medicinal Chemistry</i> , <b>2008</b> , 8, 455-71	3.2	46
67	Binding of a dimeric derivative of vancomycin to L-Lys-D-Ala-D-lactate in solution and at a surface. <i>Chemistry and Biology</i> , <b>1999</b> , 6, 353-9		45
66	[F]GE-180 PET Detects Reduced Microglia Activation After LM11A-31 Therapy in a Mouse Model of Alzheimer's Disease. <i>Theranostics</i> , <b>2017</b> , 7, 1422-1436	12.1	44
65	Semiconducting Polymer Nanoparticles with Persistent Near-Infrared Luminescence for In Vivo Optical Imaging. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 11639-11642	3.6	44
64	A Magneto-Optical Nanoplatform for Multimodality Imaging of Tumors in Mice. <i>ACS Nano</i> , <b>2019</b> , 13, 7750-7754	16.7	43
63	A Systematic Comparison of 18F-C-SNAT to Established Radiotracer Imaging Agents for the Detection of Tumor Response to Treatment. <i>Clinical Cancer Research</i> , <b>2015</b> , 21, 3896-905	12.9	42
62	Preclinical Kinetic Analysis of the Caspase-3/7 PET Tracer 18F-C-SNAT: Quantifying the Changes in Blood Flow and Tumor Retention After Chemotherapy. <i>Journal of Nuclear Medicine</i> , <b>2015</b> , 56, 1415-21	8.9	41
61	Gold Nanoparticles for Brain Tumor Imaging: A Systematic Review. <i>Frontiers in Neurology</i> , <b>2018</b> , 9, 328	4.1	39

60	A Biocompatible Condensation Reaction for the Labeling of Terminal Cysteine Residues on Proteins. <i>Angewandte Chemie</i> , <b>2009</b> , 121, 9838-9842	3.6	39
59	Semiconductor quantum dots for biosensing and in vivo imaging. <i>IEEE Transactions on Nanobioscience</i> , <b>2009</b> , 8, 4-12	3.4	39
58	Mitochondrial copper depletion suppresses triple-negative breast cancer in mice. <i>Nature Biotechnology</i> , <b>2021</b> , 39, 357-367	44.5	39
57	Facile synthesis, silanization, and biodistribution of biocompatible quantum dots. <i>Small</i> , <b>2010</b> , 6, 1520-8	11	38
56	Redox-triggered self-assembly of gadolinium-based MRI probes for sensing reducing environment. <i>Bioconjugate Chemistry</i> , <b>2014</b> , 25, 1526-36	6.3	37
55	Rapid and specific labeling of single live with a dual-targeting fluorogenic probe. <i>Science Translational Medicine</i> , <b>2018</b> , 10,	17.5	36
54	Molecular Magnetic Resonance Imaging of Tumor Response to Therapy. <i>Scientific Reports</i> , <b>2015</b> , 5, 14759	4.9	36
53	Combining SELEX screening and rational design to develop light-up fluorophore-RNA aptamer pairs for RNA tagging. <i>ACS Chemical Biology</i> , <b>2010</b> , 5, 1065-74	4.9	36
52	PET imaging of tumor glycolysis downstream of hexokinase through noninvasive measurement of pyruvate kinase M2. <i>Science Translational Medicine</i> , <b>2015</b> , 7, 310ra169	17.5	35
51	Semiconducting polymer nanoparticles as photoacoustic molecular imaging probes. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , <b>2017</b> , 9, e1418	9.2	34
50	Engineering the stereochemistry of cephalosporin for specific detection of pathogenic carbapenemase-expressing bacteria. <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 8113-6	16.4	33
49	CNOB/ChrR6, a new prodrug enzyme cancer chemotherapy. <i>Molecular Cancer Therapeutics</i> , <b>2009</b> , 8, 333-41	4.1	32
48	Imaging Tetrahymena ribozyme splicing activity in single live mammalian cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2003</b> , 100, 14892-6	11.5	32
47	A Novel Theranostic Strategy for -Expressing Glioblastomas Impacts Survival. <i>Molecular Cancer Therapeutics</i> , <b>2017</b> , 16, 1909-1921	6.1	28
46	Controlling Intracellular Macrocyclization for the Imaging of Protease Activity. <i>Angewandte Chemie</i> , <b>2011</b> , 123, 2323-2327	3.6	28
45	Exploring the Condensation Reaction between Aromatic Nitriles and Amino Thiols To Optimize In Situ Nanoparticle Formation for the Imaging of Proteases and Glycosidases in Cells. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 3272-3279	16.4	26
44	Controlled Self-Assembling of Gadolinium Nanoparticles as Smart Molecular Magnetic Resonance Imaging Contrast Agents. <i>Angewandte Chemie</i> , <b>2011</b> , 123, 6407-6410	3.6	25
43	Magnetic Particle Imaging in Neurosurgery. <i>World Neurosurgery</i> , <b>2019</b> , 125, 261-270	2.1	23

42	Semiconducting Polymer Nanoprobe for In Vivo Imaging of Reactive Oxygen and Nitrogen Species. <i>Angewandte Chemie</i> , <b>2013</b> , 125, 10515-10519	3.6	23
41	Pre-targeted Imaging of Protease Activity through In Situ Assembly of Nanoparticles. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 7864-7870	16.4	22
40	Synthesis of ligand-functionalized water-soluble [18F]YF3 nanoparticles for PET imaging. <i>Nanoscale</i> , <b>2013</b> , 5, 3253-6	7.7	22
39	Single-cell detection of trans-splicing ribozyme in vivo activity. <i>Journal of the American Chemical Society</i> , <b>2004</b> , 126, 7158-9	16.4	22
38	Bright sub-20-nm cathodoluminescent nanoprobe for electron microscopy. <i>Nature Nanotechnology</i> , <b>2019</b> , 14, 420-425	28.7	21
37	Quantitative detection of cells expressing BlaC using droplet-based microfluidics for use in the diagnosis of tuberculosis. <i>Biomicrofluidics</i> , <b>2015</b> , 9, 044120	3.2	19
36	A Selenium Analogue of Firefly D-Luciferin with Red-Shifted Bioluminescence Emission. <i>Angewandte Chemie</i> , <b>2012</b> , 124, 3406-3409	3.6	19
35	Chemical labeling of protein in living cells. <i>ChemBioChem</i> , <b>2007</b> , 8, 1099-101	3.8	19
34	Immobilizing reporters for molecular imaging of the extracellular microenvironment in living animals. <i>ACS Chemical Biology</i> , <b>2011</b> , 6, 1117-26	4.9	16
33	Imaging target mRNA and siRNA-mediated gene silencing in vivo with ribozyme-based reporters. <i>ChemBioChem</i> , <b>2008</b> , 9, 2682-91	3.8	16
32	Positron Emission Tomography Imaging of Drug-Induced Tumor Apoptosis with a Caspase-Triggered Nanoaggregation Probe. <i>Angewandte Chemie</i> , <b>2013</b> , 125, 10705-10708	3.6	15
31	Reduction Triggered Polymerization in Living Mice. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 15575-15584	16.4	15
30	Fluorogenic Probes with Substitutions at the 2 and 7 Positions of Cephalosporin are Highly BlaC-Specific for Rapid Mycobacterium tuberculosis Detection. <i>Angewandte Chemie</i> , <b>2014</b> , 126, 9514-9518	3.6	14
29	Targeting MMP-14 for dual PET and fluorescence imaging of glioma in preclinical models. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2020</b> , 47, 1412-1426	8.8	14
28	A Fluorogenic Trehalose Probe for Tracking Phagocytosed. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 15259-15264	16.4	14
27	A Near-Infrared Phosphorescent Nanoprobe Enables Quantitative, Longitudinal Imaging of Tumor Hypoxia Dynamics during Radiotherapy. <i>Cancer Research</i> , <b>2019</b> , 79, 4787-4797	10.1	14
26	Engineering of magnetic nanoparticles as magnetic particle imaging tracers. <i>Chemical Society Reviews</i> , <b>2021</b> , 50, 8102-8146	58.5	14
25	Real-time Imaging of Mycobacterium tuberculosis, Using a Novel Near-Infrared Fluorescent Substrate. <i>Journal of Infectious Diseases</i> , <b>2017</b> , 215, 405-414	7	13

24	Point-of-Care Detection of $\beta$ Lactamase in Milk with a Universal Fluorogenic Probe. <i>Analytical Chemistry</i> , <b>2016</b> , 88, 5605-9	7.8	13
23	In Vivo Optical Performance of a New Class of Near-Infrared-Emitting Conjugated Polymers: Borylated PF8-BT. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 46525-46535	9.5	13
22	Intramolecular substitution uncages fluorogenic probes for detection of metallo-carbapenemase-expressing bacteria. <i>Chemical Science</i> , <b>2017</b> , 8, 7669-7674	9.4	12
21	Exploring the Condensation Reaction between Aromatic Nitriles and Amino Thiols To Optimize In Situ Nanoparticle Formation for the Imaging of Proteases and Glycosidases in Cells. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 3298-3305	3.6	12
20	Engineering the Stereochemistry of Cephalosporin for Specific Detection of Pathogenic Carbapenemase-Expressing Bacteria. <i>Angewandte Chemie</i> , <b>2014</b> , 126, 8251-8254	3.6	11
19	Detection of mRNA in mammalian cells with a split ribozyme reporter. <i>ChemBioChem</i> , <b>2006</b> , 7, 925-8	3.8	11
18	Theranostic nanoparticles enhance the response of glioblastomas to radiation. <i>Nanotheranostics</i> , <b>2019</b> , 3, 299-310	5.6	9
17	Intravital excitation increases detection sensitivity for pulmonary tuberculosis by whole-body imaging with $\beta$ Lactamase reporter enzyme fluorescence. <i>Journal of Biophotonics</i> , <b>2017</b> , 10, 821-829	3.1	8
16	Real-time imaging of Rab5 activity using a prequenched biosensor. <i>ACS Chemical Biology</i> , <b>2011</b> , 6, 692-9	4.9	6
15	[F]-SuPAR: A Radiofluorinated Probe for Noninvasive Imaging of DNA Damage-Dependent Poly(ADP-ribose) Polymerase Activity. <i>Bioconjugate Chemistry</i> , <b>2019</b> , 30, 1331-1342	6.3	5
14	Pre-targeted Imaging of Protease Activity through In Situ Assembly of Nanoparticles. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 7938-7944	3.6	5
13	Visualizing RNA splicing in vivo. <i>Molecular BioSystems</i> , <b>2007</b> , 3, 301-7		5
12	2-Cyanobenzothiazole (CBT) condensation for site-specific labeling of proteins at the terminal cysteine residues. <i>Methods in Molecular Biology</i> , <b>2015</b> , 1266, 81-92	1.4	5
11	Positron Emission Tomography Imaging of Tumor Apoptosis with a Caspase-Sensitive Nano-Aggregation Tracer [F]C-SNAT. <i>Methods in Molecular Biology</i> , <b>2018</b> , 1790, 181-195	1.4	5
10	[F]-C-SNAT4: an improved caspase-3-sensitive nanoaggregation PET tracer for imaging of tumor responses to chemo- and immunotherapies. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2021</b> , 48, 3386-3399	8.8	3
9	Different PEG-PLGA Matrices Influence In Vivo Optical/Photoacoustic Imaging Performance and Biodistribution of NIR-Emitting $\beta$ Conjugated Polymer Contrast Agents. <i>Advanced Healthcare Materials</i> , <b>2021</b> , 10, e2001089	10.1	3
8	Visualizing the dynamics of tuberculosis pathology using molecular imaging. <i>Journal of Clinical Investigation</i> , <b>2021</b> , 131,	15.9	2
7	Imaging of Methionine Aminopeptidase II for Prostate Cancer Risk Stratification. <i>Cancer Research</i> , <b>2021</b> , 81, 2510-2521	10.1	2



6	A dual-caged resorufin probe for rapid screening of infections resistant to lactam antibiotics. <i>Chemical Science</i> , <b>2021</b> , 12, 9153-9161	9.4	2
5	Imaging of tumour acidosis with PET. <i>Nature Biomedical Engineering</i> , <b>2020</b> , 4, 250-251	19	1
4	Chemical Methodology for Labelling and Bioconjugation <b>2014</b> , 25-53		1
3	Evaluation of a procaspase-3 activator with hydroxyurea or temozolomide against high-grade meningioma in cell culture and canine cancer patients. <i>Neuro-Oncology</i> , <b>2021</b> , 23, 1723-1735	1	0
2	Innentitelbild: Positron Emission Tomography Imaging of Drug-Induced Tumor Apoptosis with a Caspase-Triggered Nanoaggregation Probe (Angew. Chem. 40/2013). <i>Angewandte Chemie</i> , <b>2013</b> , 125, 10584-10584	3.6	
1	Modulating the splicing activity of Tetrahymena ribozyme via RNA self-assembly. <i>FEBS Letters</i> , <b>2006</b> , 580, 1592-6	3.8	