Gaolin Liang

List of Publications by Citations

164 papers	8,408 citations	46 h-index	87 g-index
174 ext. papers	9,754 ext. citations	8.8 avg, IF	6.39 L-index

#	Paper	IF	Citations
164	Enzymatic hydrogelation of small molecules. *Accounts of Chemical Research*, **2008**, 41, 315-26	24.3	563
163	Using a kinase/phosphatase switch to regulate a supramolecular hydrogel and forming the supramolecular hydrogel in vivo. *Journal of the American Chemical Society*, **2006**, 128, 3038-43	16.4	397
162	FePt@CoS(2) yolk-shell nanocrystals as a potent agent to kill HeLa cells. *Journal of the American Chemical Society*, **2007**, 129, 1428-33	16.4	363
161	Multifunctional yolk-shell nanoparticles: a potential MRI contrast and anticancer agent. *Journal of the American Chemical Society*, **2008**, 130, 11828-33	16.4	336
160	A biocompatible condensation reaction for controlled assembly of nanostructures in living cells. *Nature Chemistry*, **2010**, 2, 54-60	17.6	310
159	Oridonin is a covalent NLRP3 inhibitor with strong anti-inflammasome activity. *Nature Communications*, **2018**, 9, 2550	17.4	237
158	Supramolecular hydrogel of a D-amino acid dipeptide for controlled drug release in vivo. *Langmuir*, **2009**, 25, 8419-22	4	234
157	D-glucosamine-based supramolecular hydrogels to improve wound healing. *Chemical Communications*, **2007**, 843-5	5.8	197
156	Using beta-lactamase to trigger supramolecular hydrogelation. *Journal of the American Chemical Society*, **2007**, 129, 266-7	16.4	188
155	Intracellular hydrogelation of small molecules inhibits bacterial growth. *Angewandte Chemie - International Edition*, **2007**, 46, 8216-9	16.4	185
154	Tranilast directly targets NLRP3 to treat inflammasome-driven diseases. *EMBO Molecular Medicine*, **2018**, 10,	12	181
153	Conjugates of naphthalene and dipeptides produce molecular hydrogelators with high efficiency of hydrogelation and superhelical nanofibers. *Journal of Materials Chemistry*, **2007**, 17, 850-854		175
152	Intracellular Self-Assembly of Taxol Nanoparticles for Overcoming Multidrug Resistance. *Angewandte Chemie - International Edition*, **2015**, 54, 9700-4	16.4	149
151	In vitro and in vivo enzymatic formation of supramolecular hydrogels based on self-assembled nanofibers of a beta-amino acid derivative. *Small*, **2007**, 3, 558-62	11	131
150	Scale-Up Synthesis of Fragrant Nitrogen-Doped Carbon Dots from Bee Pollens for Bioimaging and Catalysis. *Advanced Science*, **2015**, 2, 1500002	13.6	129
149	Cell Environment-Differentiated Self-Assembly of Nanofibers. *Journal of the American Chemical Society*, **2016**, 138, 11128-31	16.4	126
148	Controlled self-assembling of gadolinium nanoparticles as smart molecular magnetic resonance imaging contrast agents. *Angewandte Chemie - International Edition*, **2011**, 50, 6283-6	16.4	121

147	Casp3/7-Instructed Intracellular Aggregation of Fe3O4 Nanoparticles Enhances T2 MR Imaging of Tumor Apoptosis. *Nano Letters*, **2016**, 16, 2686-91	11.5	121
146	Rational design of a tetrameric protein to enhance interactions between self-assembled fibers gives molecular hydrogels. *Angewandte Chemie - International Edition*, **2012**, 51, 4388-92	16.4	119
145	Enzymatic Hydrogelation-Induced Fluorescence Turn-Off for Sensing Alkaline Phosphatase in Vitro and in Living Cells. *Analytical Chemistry*, **2015**, 87, 6475-8	7.8	112
144	Supramolecular hydrogels based on beta-amino acid derivatives. *Chemical Communications*, **2006**, 738-40	5.8	112
143	Enzyme-Mediated Tumor Starvation and Phototherapy Enhance Mild-Temperature Photothermal Therapy. *Advanced Functional Materials*, **2020**, 30, 1909391	15.6	108
142	Alkaline Phosphatase-Triggered Simultaneous Hydrogelation and Chemiluminescence. *Journal of the American Chemical Society*, **2017**, 139, 1041-1044	16.4	104
141	Alkaline Phosphatase-Triggered Self-Assembly of Near-Infrared Nanoparticles for the Enhanced Photoacoustic Imaging of Tumors. *Nano Letters*, **2018**, 18, 7749-7754	11.5	100
140	Discriminative fluorescence sensing of biothiols in vitro and in living cells. *Analytical Chemistry*, **2015**, 87, 3460-6	7.8	98
139	Facile syntheses of conjugated polymers for photothermal tumour therapy. *Nature Communications* , **2019**, 10, 1192	17.4	94
138	Controlling intracellular macrocyclization for the imaging of protease activity. *Angewandte Chemie - International Edition*, **2011**, 50, 2275-9	16.4	93
137	Controlled intracellular self-assembly and disassembly of 19F nanoparticles for MR imaging of caspase 3/7 in zebrafish. *ACS Nano*, **2015**, 9, 761-8	16.7	89
136	Core/shell Fe3O4/Gd2O3 nanocubes as T1-T2 dual modal MRI contrast agents. *Nanoscale*, **2016**, 8, 12826-33	7.7	84
135	Controlled intracellular self-assembly of gadolinium nanoparticles as smart molecular MR contrast agents. *Scientific Reports*, **2013**, 3, 1024	4.9	82
134	Intracellular Self-Assembly and Disassembly of (19)F Nanoparticles Confer Respective "Off" and "On" (19)F NMR/MRI Signals for Legumain Activity Detection in Zebrafish. *ACS Nano*, **2015**, 9, 5117-24	16.7	78
133	Pyridine-biquinoline-metal complexes for sensing pyrophosphate and hydrogen sulfide in aqueous buffer and in cells. *Analytical Chemistry*, **2015**, 87, 2678-84	7.8	77
132	Sustained Release of Two Bioactive Factors from Supramolecular Hydrogel Promotes Periodontal Bone Regeneration. *ACS Nano*, **2019**, 13, 5616-5622	16.7	75
131	In vivo bioluminescence imaging of furin activity in breast cancer cells using bioluminogenic substrates. *Bioconjugate Chemistry*, **2009**, 20, 1660-6	6.3	75
130	Enzymatic control of the self-assembly of small molecules: a new way to generate supramolecular hydrogels. *Soft Matter*, **2007**, 3, 515-520	3.6	75

129	Dual aggregation-induced emission for enhanced fluorescence sensing of furin activity in vitro and in living cells. *Chemical Communications*, **2017**, 53, 1037-1040	5.8	65
128	Microwave-assisted synthesis of photoluminescent glutathione-capped Au/Ag nanoclusters: A unique sensor-on-a-nanoparticle for metal ions, anions, and small molecules. *Nano Research*, **2015**, 8, 2329-2339	10	64
127	Bioluminescent Turn-On Probe for Sensing Hypochlorite in Vitro and in Tumors. *Analytical Chemistry*, **2017**, 89, 5693-5696	7.8	63
126	Detection of glutathione in vitro and in cells by the controlled self-assembly of nanorings. *Analytical Chemistry*, **2013**, 85, 1280-4	7.8	63
125	Multifunctional fluorescent probe for sequential detections of glutathione and caspase-3 in vitro and in cells. *Analytical Chemistry*, **2013**, 85, 6203-7	7.8	59
124	Glutamyltranspeptidase-Triggered Intracellular Gadolinium Nanoparticle Formation Enhances the T-Weighted MR Contrast of Tumor. *Nano Letters*, **2019**, 19, 2428-2433	11.5	55
123	A biocompatible, highly efficient click reaction and its applications. *Organic and Biomolecular Chemistry*, **2014**, 12, 865-71	3.9	54
122	Tandem Enzymatic Self-Assembly and Slow Release of Dexamethasone Enhances Its Antihepatic Fibrosis Effect. *ACS Nano*, **2018**, 12, 9966-9973	16.7	54
121	Oligomeric hydrogels self-assembled from reduction-controlled condensation. *Angewandte Chemie - International Edition*, **2015**, 54, 3639-42	16.4	53
120	Alkaline Phosphatase-Instructed Self-Assembly of Gadolinium Nanofibers for Enhanced T-Weighted Magnetic Resonance Imaging of Tumor. *Analytical Chemistry*, **2017**, 89, 6922-6925	7.8	49
119	A microwave-facilitated rapid synthesis of gold nanoclusters with tunable optical properties for sensing ions and fluorescent ink. *Chemical Communications*, **2015**, 51, 10539-42	5.8	47
118	Using Bioluminescence Turn-On To Detect Cysteine in Vitro and in Vivo. *Analytical Chemistry*, **2018**, 90, 4951-4954	7.8	46
117	Glutathione-Depleting Nanomedicines for Synergistic Cancer Therapy. *ACS Nano*, **2021**, 15, 8039-8068	16.7	45
116	Highly Chemiluminescent Graphene Oxide Hybrids Bifunctionalized by N-(Aminobutyl)-N-(Ethylisoluminol)/Horseradish Peroxidase and Sensitive Sensing of Hydrogen Peroxide. *ACS Applied Materials & Interfaces*, **2015**, 7, 18283-91	9.5	42
115	Bactericidal functionalization of wrinkle-free fabrics via covalently bonding TiO2@Ag nanoconjugates. *Journal of Materials Science*, **2009**, 44, 1894-1901	4.3	41
114	Immune Responsive Release of Tacrolimus to Overcome Organ Transplant Rejection. *Advanced Materials*, **2018**, 30, e1805018	24	41
113	Nanoagent-Promoted Mild-Temperature Photothermal Therapy for Cancer Treatment. *Advanced Functional Materials*, **2021**, 31, 2100738	15.6	40
112	Intracellular Disassembly of Self-Quenched Nanoparticles Turns NIR Fluorescence on for Sensing Furin Activity in Cells and in Tumors. *Analytical Chemistry*, **2015**, 87, 6180-5	7.8	39

111	Smart Dual Quenching Strategy Enhances the Detection Sensitivity of Intracellular Furin. *Analytical Chemistry*, **2018**, 90, 1520-1524	7.8	38
110	Enzyme-Controlled Intracellular Self-Assembly of (18)F Nanoparticles for Enhanced MicroPET Imaging of Tumor. *Theranostics*, **2015**, 5, 1058-67	12.1	38
109	Intracellular self-assembly of nanoparticles for enhancing cell uptake. *Chemical Communications*, **2012**, 48, 9738-40	5.8	37
108	Using Congo red to report intracellular hydrogelation resulted from self-assembly of small molecules. *Chemical Communications*, **2007**, 4096-8	5.8	37
107	Bioluminescence Sensing of γ-Glutamyltranspeptidase Activity In Vitro and In Vivo. *Analytical Chemistry*, **2017**, 89, 7017-7021	7.8	35
106	Enzymatic self-assembly of nanostructures for theranostics. *Theranostics*, **2012**, 2, 139-47	12.1	35
105	Rational Design of a Tetrameric Protein to Enhance Interactions between Self-Assembled Fibers Gives Molecular Hydrogels. *Angewandte Chemie*, **2012**, 124, 4464-4468	3.6	35
104	Bipyridine hydrogel for selective and visible detection and absorption of Cd(2+). *Nanoscale*, **2015**, 7, 2797-804	7.8	34
103	Caspase-3 controlled assembly of nanoparticles for fluorescence turn on. *Chemical Communications*, **2011**, 47, 10320-2	5.8	34
102	Furin-Instructed Intracellular Gold Nanoparticle Aggregation for Tumor Photothermal Therapy. *Advanced Functional Materials*, **2020**, 30, 2001566	15.6	34
101	A general chemiluminescence strategy for measuring aptamer-target binding and target concentration. *Analytical Chemistry*, **2014**, 86, 5559-66	7.8	33
100	Oligomeric nanoparticles functionalized with NIR-emitting CdTe/CdS QDs and folate for tumor-targeted imaging. *Biomaterials*, **2014**, 35, 7881-6	15.6	33
99	Using "On/Off" (19)F NMR/Magnetic Resonance Imaging Signals to Sense Tyrosine Kinase/Phosphatase Activity in Vitro and in Cell Lysates. *Analytical Chemistry*, **2016**, 88, 3363-8	7.8	33
98	Intracellular Self-Assembly of Cyclic d-Luciferin Nanoparticles for Persistent Bioluminescence Imaging of Fatty Acid Amide Hydrolase. *ACS Nano*, **2016**, 10, 7147-53	16.7	31
97	A fluorescent switch for sequentially and selectively sensing copper(II) and L-histidine in vitro and in living cells. *Analyst, The*, **2014**, 139, 3360-4	5	31
96	Furin-Controlled Fe3O4 Nanoparticle Aggregation and 19F Signal "Turn-On" for Precise MR Imaging of Tumors. *Advanced Functional Materials*, **2019**, 29, 1903860	15.6	30
95	Hydrazide d-luciferin for in vitro selective detection and intratumoral imaging of Cu(2.). *Biosensors and Bioelectronics*, **2016**, 83, 200-4	11.8	29
94	Controlling Intracellular Macrocyclization for the Imaging of Protease Activity. *Angewandte Chemie*, **2011**, 123, 2323-2327	3.6	28

93	Paclitaxel nanoparticle awakens immune system to fight against cancer. *Nanoscale*, **2017**, 9, 6529-6536	7.7	27
92	Mechanistic study of CBT-Cys click reaction and its application for identifying bioactive N-terminal cysteine peptides in amniotic fluid. *Chemical Science*, **2017**, 8, 214-222	9.4	27
91	Enzyme-instructed self-aggregation of FeO nanoparticles for enhanced MRI T imaging and photothermal therapy of tumors. *Nanoscale*, **2020**, 12, 1886-1893	7.7	27
90	Increasing Photothermal Efficacy by Simultaneous Intra- and Intermolecular Fluorescence Quenching. *Advanced Functional Materials*, **2020**, 30, 1908073	15.6	27
89	Intracellular Peptide Self-Assembly: A Biomimetic Approach for in Situ Nanodrug Preparation. *Bioconjugate Chemistry*, **2018**, 29, 826-837	6.3	26
88	Carboxylesterase-Cleavable Biotinylated Nanoparticle for Tumor-Dual Targeted Imaging. *Theranostics*, **2019**, 9, 7359-7369	12.1	26
87	FITC-quencher based caspase 3-activatable nanoprobes for effectively sensing caspase 3 in vitro and in cells. *Nanoscale*, **2013**, 5, 8963-7	7.7	25
86	Controlled Self-Assembling of Gadolinium Nanoparticles as Smart Molecular Magnetic Resonance Imaging Contrast Agents. *Angewandte Chemie*, **2011**, 123, 6407-6410	3.6	25
85	A Self-Evaluating Photothermal Therapeutic Nanoparticle. *ACS Nano*, **2020**, 14, 9585-9593	16.7	25
84	Furin-Guided Intracellular Ga Nanoparticle Formation Enhancing Tumor MicroPET Imaging. *Analytical Chemistry*, **2019**, 91, 14842-14845	7.8	24
83	Legumain-Specific Near-Infrared Fluorescence "Turn On" for Tumor-Targeted Imaging. *Analytical Chemistry*, **2018**, 90, 8732-8735	7.8	23
82	Folic acid as a versatile motif to construct molecular hydrogelators through conjugations with hydrophobic therapeutic agents. *Journal of Materials Chemistry*, **2012**, 22, 21838		23
81	Intracellular Hydrogelation of Small Molecules Inhibits Bacterial Growth. *Angewandte Chemie*, **2007**, 119, 8364-8367	3.6	23
80	Nanocomputed Tomography Imaging of Bacterial Alkaline Phosphatase Activity with an Iodinated Hydrogelator. *Analytical Chemistry*, **2016**, 88, 11982-11985	7.8	23
79	Multifunctional Bioconjugate for Cancer Cell-Targeted Theranostics. *Bioconjugate Chemistry*, **2015**, 26, 2571-8	6.3	22
78	Alkaline phosphatase-triggered assembly of etoposide enhances its anticancer effect. *Chemical Communications*, **2018**, 54, 1853-1856	5.8	22
77	Intracellular Self-Assembly of Nanoprobes for Molecular Imaging. *Advanced Biology*, **2018**, 2, 1800108	3.5	22
76	Bisphosphonate-containing supramolecular hydrogels for topical decorporation of uranium-contaminated wounds in mice. *International Journal of Radiation Biology*, **2008**, 84, 353-62	2.9	22

75	Peptide-based supramolecular hydrogels for bioimaging applications. *Biomaterials Science*, **2021**, 9, 315-327	7.4	22
74	Quantum Dots as Multifunctional Materials for Tumor Imaging and Therapy. *Materials*, **2013**, 6, 483-499	3.5	21
73	Using enzymatic reactions to enhance the photodynamic therapy effect of porphyrin dityrosine phosphates. *Chemical Communications*, **2006**, 5021-3	5.8	21
72	Intracellular Proteolytic Disassembly of Self-Quenched Near-Infrared Nanoparticles Turning Fluorescence on for Tumor-Targeted Imaging. *Analytical Chemistry*, **2017**, 89, 9625-9628	7.8	20
71	Intracellular Self-Assembly of Peptide Conjugates for Tumor Imaging and Therapy. *Advanced Healthcare Materials*, **2021**, 10, e2001211	10.1	20
70	Enzyme-instructed self-assembly of taxol promotes axonal branching. *Nanoscale*, **2015**, 7, 15605-8	7.7	19
69	Labeling thiols on proteins, living cells, and tissues with enhanced emission induced by FRET. *Scientific Reports*, **2013**, 3, 3523	4.9	19
68	Intracellular Nanoparticle Formation and Hydroxychloroquine Release for Autophagy-Inhibited Mild-Temperature Photothermal Therapy for Tumors. *Advanced Functional Materials*, **2021**, 31, 2102832	15.6	19
67	Fluorescence turn-on for the highly selective detection of nitric oxide in vitro and in living cells. *Analyst, The*, **2016**, 141, 2600-5	5	19
66	Intracellular coassembly boosts the anti-inflammation capacity of dexamethasone. *Nanoscale*, **2017**, 9, 17717-17721	7.7	18
65	Intracellular Self-Assembly of Taxol Nanoparticles for Overcoming Multidrug Resistance. *Angewandte Chemie*, **2015**, 127, 9836-9840	3.6	18
64	Comparative proteome profile of human placenta from normal and preeclamptic pregnancies. *PLoS ONE*, **2013**, 8, e78025	3.7	18
63	Hyper-Crosslinkers Lead to Temperature- and pH-Responsive Polymeric Nanogels with Unusual Volume Change. *Angewandte Chemie - International Edition*, **2017**, 56, 2623-2627	16.4	17
62	Cathepsin B Turning Bioluminescence "On" for Tumor Imaging. *Analytical Chemistry*, **2019**, 91, 14834-14837	7.8	17
61	Biomedical Applications of Fluorescent and Magnetic Resonance Imaging Dual-Modality Probes. *ChemBioChem*, **2019**, 20, 499-510	3.8	17
60	In situ clicking methylglyoxal for hierarchical self-assembly of nanotubes in supramolecular hydrogel. *Nanoscale*, **2016**, 8, 766-9	7.7	16
59	DEVD-based hydrogelator minimizes cellular apoptosis induction. *Scientific Reports*, **2013**, 3, 1848	4.9	16
58	A Golgi-Targeting and Dual-Color "Turn-On" Probe for Spatially Precise Imaging of Furin. *Analytical Chemistry*, **2021**, 93, 1636-1642	7.8	16

57	Applications of CBT-Cys click reaction: past, present, and future. *Science China Chemistry*, **2018**, 61, 1088-1098	7.9	15
56	Using magnetic resonance imaging to study enzymatic hydrogelation. *Analytical Chemistry*, **2014**, 86, 5955-61	7.8	15
55	Oligomeric Hydrogels Self-Assembled from Reduction-Controlled Condensation. *Angewandte Chemie*, **2015**, 127, 3710-3713	3.6	15
54	Fluorescent switch for fast and selective detection of mercury (II) ions in vitro and in living cells and a simple device for its removal. *Talanta*, **2014**, 125, 204-9	6.2	15
53	"Magnus nano-bullets" as T/T based dual-modal for in vitro and in vivo MRI visualization. *Nanomedicine: Nanotechnology, Biology, and Medicine*, **2019**, 15, 264-273	6	15
52	Rapid fluorescent detection of neurogenin3 by CdTe quantum dot aggregation. *Analyst, The*, **2012**, 137, 1775-8	5	14
51	A Bioluminescent Probe for Simultaneously Imaging Esterase and Histone Deacetylase Activity in a Tumor. *Analytical Chemistry*, **2020**, 92, 15275-15279	7.8	14
50	Bridging cells of three colors with two bio-orthogonal click reactions. *Chemical Science*, **2015**, 6, 6425-6431	9.4	13
49	Comparative N-glycoproteomic and phosphoproteomic profiling of human placental plasma membrane between normal and preeclampsia pregnancies with high-resolution mass spectrometry. *PLoS ONE*, **2013**, 8, e80480	3.7	13
48	Identification and analysis of multi-protein complexes in placenta. *PLoS ONE*, **2013**, 8, e62988	3.7	13
47	Multifunctional small molecule for controlled assembly of oligomeric nanoparticles and crosslinked polymers. *Organic and Biomolecular Chemistry*, **2011**, 9, 6917-9	3.9	12
46	Self-assembling bisphosphonates into nanofibers to enhance their inhibitory capacity on bone resorption. *Nanoscale*, **2016**, 8, 10570-5	7.7	12
45	New method for effectively and quantitatively labeling cysteine residues on chicken eggshell membrane. *Organic and Biomolecular Chemistry*, **2012**, 10, 8082-6	3.9	11
44	Integrin □□Receptor Overexpressing on Tumor-Targeted Positive MRI-Guided Chemotherapy. *ACS Applied Materials & Interfaces*, **2020**, 12, 163-176	9.5	11
43	A near-infrared fluorescent probe for ratiometric sensing of SO in cells and zebrafish. *Analyst, The*, **2021**, 145, 7985-7992	5	11
42	Site-selective Csp 3 -H aryloxylation of natural product Tanshinone IIA and its analogues. *Tetrahedron Letters*, **2017**, 58, 1822-1825	2	10
41	Total synthesis of (□)-tanshinol B, tanshinone I, and (□)-tanshindiol B and C. *Organic and Biomolecular Chemistry*, **2018**, 16, 3376-3381	3.9	10
40	Koboquinone A and B, new metabolites of kobophenol a in rats. *Chemical and Pharmaceutical Bulletin*, **2004**, 52, 1489-91	1.9	10

39	Magnetic resonance imaging-guided stratified selection of patients for nano-therapy. *Annals of Translational Medicine*, **2016**, 4, S54	3.2	10
38	Directly observing intracellular nanoparticle formation with nanocomputed tomography. *Science Advances*, **2020**, 6,	14.3	10
37	Dual Gate-Controlled Therapeutics for Overcoming Bacterium-Induced Drug Resistance and Potentiating Cancer Immunotherapy. *Angewandte Chemie - International Edition*, **2021**, 60, 14013-14021	16.4	10
36	Introducing charge tag click reaction in living cells for single cell mass spectrometry. *Chemical Science*, **2020**, 11, 7308-7312	9.4	9
35	Intracellular self-assembly of Ru(bpy) nanoparticles enables persistent phosphorescence imaging of tumors. *Chemical Communications*, **2018**, 54, 3460-3463	5.8	9
34	Fluorine substitution enhances the self-assembling ability of hydrogelators. *Nanoscale*, **2017**, 9, 11429-11433	7.7	9
33	Peptide-based nanostructures for cancer diagnosis and therapy. *Current Medicinal Chemistry*, **2014**, 21, 2453-66	4.3	9
32	Intracellular synthesis of d-aminoluciferin for bioluminescence generation. *Chemical Communications*, **2017**, 53, 3567-3570	5.8	8
31	Using Fluorescence On/Off to Trace Tandem Nanofiber Assembly/Disassembly in Living Cells. *Analytical Chemistry*, **2021**, 93, 5665-5669	7.8	8
30	Covalently Conjugated Hydrogelators for Imaging and Therapeutic Applications. *Bioconjugate Chemistry*, **2020**, 31, 448-461	6.3	7
29	Metabolites and the pharmacokinetics of kobophenol A from Caragana sinica in rats. *Journal of Ethnopharmacology*, **2005**, 101, 324-9	5	7
28	X-ray single-crystal analysis of (-)-(S)-equol isolated from rat's feces. *Chemistry and Biodiversity*, **2005**, 2, 959-63	2.5	5
27	Self-Assembly/Disassembly of Nanostructures Confers Off/On Signal for Molecular Imaging. *ChemNanoMat*, **2016**, 2, 344-353	3.5	5
26	Using L-STM to directly visualize enzymatic self-assembly/disassembly of nanofibers. *Nanoscale*, **2016**, 8, 15142-6	7.7	5
25	Cathespin B-Initiated Cypate Nanoparticle Formation for Tumor Photoacoustic Imaging. *Angewandte Chemie - International Edition*, **2021**,	16.4	5
24	Fluorogenic Disassembly of Self-Quenched Near-Infrared Nanoparticles Enables Matrix Metalloproteinase Detection. *Journal of Biomedical Nanotechnology*, **2018**, 14, 304-311	4	4
23	Gathering nanorings via Fe(2+)-bipyridine coordination. *Chemical Communications*, **2015**, 51, 11045-7	5.8	3
22	Acid-catalyzed epimerization of kobophenol A to carasinol B. *Molecules*, **2008**, 13, 938-42	4.8	3

21	Formation of a new oxidative metabolite from kobophenol A by human intestinal bacterium Klebsiella pneumoniae. *Chemistry and Biodiversity*, **2005**, 2, 506-9	2.5	3
20	Intracellular Synthesis of Hybrid Gallium-68 Nanoparticle Enhances MicroPET Tumor Imaging. *Analytical Chemistry*, **2021**, 93, 6329-6334	7.8	3
19	Bioluminescence Imaging of Urokinase-Type Plasminogen Activator Activity and in Tumors. *Analytical Chemistry*, **2021**, 93, 9970-9973	7.8	3
18	Receptor tyrosine kinases-instructed release of its inhibitor from hydrogel to delay ovarian aging. *Biomaterials*, **2021**, 269, 120536	15.6	3
17	Acidity-Activated Charge Conversion of Lu-Labeled Nanoagent for the Enhanced Photodynamic Radionuclide Therapy of Cancer.. *ACS Applied Materials & Interfaces*, **2022**,	9.5	2
16	Dual Gate-Controlled Therapeutics for Overcoming Bacterium-Induced Drug Resistance and Potentiating Cancer Immunotherapy. *Angewandte Chemie*, **2021**, 133, 14132-14140	3.6	2
15	An aminopeptidase N-activatable chemiluminescence probe for image-guided surgery and metastasis tracking of tumor.. *Biosensors and Bioelectronics*, **2022**, 208, 114212	11.8	2
14	An Acidity-Initiated Self-Assembly/Disassembly Nanoprobe to Switch on Fluorescence for Tumor-Targeted Near-Infrared Imaging.. *Nano Letters*, **2021**,	11.5	2
13	Hyper-Crosslinkers Lead to Temperature- and pH-Responsive Polymeric Nanogels with Unusual Volume Change. *Angewandte Chemie*, **2017**, 129, 2667-2671	3.6	1
12	Paclitaxel Hydrogelator Delays Microtubule Aggregation. *Chinese Journal of Chemical Physics*, **2017**, 30, 239-242	0.9	1
11	Covalent Conjugation of Fluorescence Probes to Nanoparticles for Signal Enhancement. *Chemistry Letters*, **2013**, 42, 1157-1159	1.7	1
10	Simultaneous enhancement of T and T magnetic resonance imaging of liver tumor at respective low and high magnetic fields.. *Theranostics*, **2022**, 12, 410-417	12.1	1
9	V1-Cal hydrogelation enhances its effects on ventricular remodeling reduction and cardiac function improvement post myocardial infarction. *Chemical Engineering Journal*, **2022**, 433, 134450	14.7	1
8	Lysosome-Targeted and Fluorescence-Turned "On" Cytotoxicity Induced by Alkaline Phosphatase-Triggered Self-Assembly. *Advanced Healthcare Materials*, **2021**, e2101346	10.1	1
7	Self-assembly of peptide nanofibers for imaging applications. *Nanoscale*, **2021**, 13, 15142-15150	7.7	1
6	Activity-Based Luciferase-Luciferin Bioluminescence System for Bioimaging Applications. *Analysis & Sensing*, **2021**, 1, 138		1
5	In situ Activatable Peptide-based Nanoprobes for Tumor Imaging. *Chemical Research in Chinese Universities*, **2021**, 37, 889-899	2.2	0
4	Alkaline phosphatase-triggered self-assembly of near-infrared nanoparticles for the enhanced photoacoustic imaging of tumors. *Methods in Enzymology*, **2021**, 657, 111-144	1.7	0

3	ROS Turn Nanoparticle Fluorescence on for Imaging Staphylococcus aureus Infection in Vivo.. *Advanced Healthcare Materials*, **2022**, e2200453	10.1	0
2	Polymeric carbon nitride-based materials: Rising stars in bioimaging. *Biosensors and Bioelectronics*, **2022**, 114370	11.8	0
1	Salt-Inducible Kinase 2-Triggered Release of Its Inhibitor from Hydrogel to Suppress Ovarian Cancer Metastasis. *Advanced Science*,2202260	13.6	0