

# Juyoung Yoon

## List of Publications by Year in descending order

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297  
papers

55,104  
citations

1172

111  
h-index

1158

229  
g-index

302  
all docs

302  
docs citations

302  
times ranked

28828  
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular Structural Evolution of Near-Infrared Cationic Aggregation-Induced Emission Luminogens: Preclinical Antimicrobial Pathogens Activities and Tissues Regeneration. <i>CCS Chemistry</i> , 2022, 4, 487-500.	7.8	15
2	Sulfur-based fluorescent probes for HOCl: Mechanisms, design, and applications. <i>Coordination Chemistry Reviews</i> , 2022, 450, 214232.	18.8	94
3	A coumarin-based fluorescent probe for NIR imaging-guided photodynamic therapy against <i>S. aureus</i> -induced infection in mouse models. <i>Journal of Materials Chemistry B</i> , 2022, 10, 1427-1433.	5.8	13
4	Fluorescent probes for the detection of disease-associated biomarkers. <i>Science Bulletin</i> , 2022, 67, 853-878.	9.0	110
5	Activatable fluorescent probes for <i>in situ</i> imaging of enzymes. <i>Chemical Society Reviews</i> , 2022, 51, 450-463.	38.1	163
6	Simultaneous Detection of Hypochlorite and Singlet Oxygen by a Thiocoumarin-Based Ratiometric Fluorescent Probe. <i>ACS Measurement Science Au</i> , 2022, 2, 219-223.	4.4	9
7	A Facile, Protein-Derived Supramolecular Theranostic Strategy for Multimodal Imaging-Guided Photodynamic and Photothermal Immunotherapy <i>In Vivo</i> . <i>Advanced Materials</i> , 2022, 34, e2109111.	21.0	40
8	Observing hepatic steatosis with a commercially viable two-photon fluorogenic probe. <i>Materials Chemistry Frontiers</i> , 2022, 6, 553-560.	5.9	19
9	A Nanostructured Phthalocyanine/Albumin Supramolecular Assembly for Fluorescence Turn-On Imaging and Photodynamic Immunotherapy. <i>ACS Nano</i> , 2022, 16, 3045-3058.	14.6	45
10	An unconventional nano-AIEgen originating from a natural plant polyphenol for multicolor bioimaging. <i>Cell Reports Physical Science</i> , 2022, 3, 100745.	5.6	15
11	Activated supramolecular nano-agents: From diagnosis to imaging-guided tumor treatment. <i>Nano Today</i> , 2022, 43, 101392.	11.9	17
12	Recent progress on small molecule-based fluorescent imaging probes for hypochlorous acid (HOCl)/hypochlorite (OCl <sup>-</sup> ). <i>Dyes and Pigments</i> , 2022, 200, 110132.	3.7	64
13	Activity-based NIR fluorescent probes based on the versatile hemicyanine scaffold: design strategy, biomedical applications, and outlook. <i>Chemical Society Reviews</i> , 2022, 51, 1795-1835.	38.1	209
14	Phthalocyanine-Assembled "One-For-Two" Nanoparticles for Combined Photodynamic/Photothermal Therapy of Multidrug-Resistant Bacteria. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 7609-7616.	8.0	24
15	Future-Oriented Advanced Diarylethene Photoswitches: From Molecular Design to Spontaneous Assembly Systems. <i>Advanced Materials</i> , 2022, 34, e2108289.	21.0	71
16	A coumarin-based reversible two-photon fluorescence probe for imaging glutathione near N-methyl-D-aspartate (NMDA) receptors. <i>Chemical Communications</i> , 2022, 58, 3633-3636.	4.1	11
17	Organic photosensitizers for antimicrobial phototherapy. <i>Chemical Society Reviews</i> , 2022, 51, 3324-3340.	38.1	139
18	Reactivity Differences Enable ROS for Selective Ablation of Bacteria. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	40

#	ARTICLE	IF	CITATIONS
19	Reactivity Differences Enable ROS for Selective Ablation of Bacteria. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	12
20	Rational Molecular Design of Efficient Heavy-Atom-Free Photosensitizers for Cancer Photodynamic Therapy. <i>ChemPlusChem</i> , 2022, , e202200086.	2.8	0
21	Acid-Responsive Nanoporphyrin Evolution for Near-Infrared Fluorescence-Guided Photo-Ablation of Biofilm. <i>Advanced Healthcare Materials</i> , 2022, 11, e2200529.	7.6	14
22	Structure-oriented design strategy to construct NIR AIEgens to selectively combat gram (+) multidrug-resistant bacteria in vivo. <i>Biomaterials</i> , 2022, 286, 121580.	11.4	21
23	Albumin-mediated "Unlocking" of supramolecular prodrug-like nanozymes toward selective imaging-guided phototherapy. <i>Chemical Science</i> , 2022, 13, 7814-7820.	7.4	14
24	Construction of Rhodamine-Based AIE Photosensitizer Hydrogel with Clinical Potential for Selective Ablation of Drug-Resistant Gram-Positive Bacteria In Vivo. <i>Advanced Healthcare Materials</i> , 2022, 11, .	7.6	29
25	Polydopamine, harness of the antibacterial potentials-A review. <i>Materials Today Bio</i> , 2022, 15, 100329.	5.5	19
26	In Vivo-assembled phthalocyanine/albumin supramolecular complexes combined with a hypoxia-activated prodrug for enhanced photodynamic immunotherapy of cancer. <i>Biomaterials</i> , 2021, 266, 120430.	11.4	75
27	Recent progress in the two-photon fluorescent probes for metal ions. <i>Coordination Chemistry Reviews</i> , 2021, 427, 213574.	18.8	85
28	Activity-Based NIR Enzyme Fluorescent Probes for the Diagnosis of Tumors and Image-Guided Surgery. <i>Angewandte Chemie</i> , 2021, 133, 17408-17429.	2.0	33
29	Activatable supramolecular photosensitizers: advanced design strategies. <i>Materials Chemistry Frontiers</i> , 2021, 5, 1683-1693.	5.9	40
30	Fluorescent Chemosensors for Zn <sup>2+</sup> and Pyrophosphate. <i>Bulletin of the Korean Chemical Society</i> , 2021, 42, 107-110.	1.9	6
31	Revisiting imidazolium receptors for the recognition of anions: highlighted research during 2010-2019. <i>Chemical Society Reviews</i> , 2021, 50, 589-618.	38.1	47
32	Heavy-Atom-Free Photosensitizers: From Molecular Design to Applications in the Photodynamic Therapy of Cancer. <i>Accounts of Chemical Research</i> , 2021, 54, 207-220.	15.6	300
33	Sonodynamic and chemodynamic therapy based on organic/organometallic sensitizers. <i>Coordination Chemistry Reviews</i> , 2021, 429, 213610.	18.8	72
34	Metal-coordinated fluorescent and luminescent probes for reactive oxygen species (ROS) and reactive nitrogen species (RNS). <i>Coordination Chemistry Reviews</i> , 2021, 427, 213581.	18.8	167
35	Activity-Based NIR Enzyme Fluorescent Probes for the Diagnosis of Tumors and Image-Guided Surgery. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 17268-17289.	13.8	220
36	Two-photon ES IPT-based fluorescent probe using 4-hydroxyisoindoline-1,3-dione for the detection of peroxynitrite. <i>Chemical Communications</i> , 2021, 57, 11084-11087.	4.1	37

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37	Supramolecular agents for combination of photodynamic therapy and other treatments. <i>Chemical Science</i> , 2021, 12, 7248-7268.	7.4	82
38	Turning an FDA-approved therapeutic into an AIEgen for imaging live bacteria and for bacterial detection. <i>Aggregate</i> , 2021, 2, e47.	9.9	6
39	Forum on Biospecies Sensors. <i>ACS Applied Bio Materials</i> , 2021, 4, 2231-2232.	4.6	0
40	Molecular Design toward Heavy-Atom-free Photosensitizers Based on the C-S Bond and their Dual Functions in Hypoxia Photodynamic Cancer Therapy and ClO <sup>-</sup> Detection. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 13949-13957.	8.0	39
41	Imaging of intracellular singlet oxygen with bright BODIPY dyes. <i>Dyes and Pigments</i> , 2021, 188, 109158.	3.7	20
42	Organelle-Targeted Photosensitizers for Precision Photodynamic Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 19543-19571.	8.0	143
43	Advances in Application of Azobenzene as a Trigger in Biomedicine: Molecular Design and Spontaneous Assembly. <i>Advanced Materials</i> , 2021, 33, e2007290.	21.0	118
44	Activity-based smart AIEgens for detection, bioimaging, and therapeutics: Recent progress and outlook. <i>Aggregate</i> , 2021, 2, e51.	9.9	112
45	Rational Design of a Highly Selective Near-Infrared Two-Photon Fluorogenic Probe for Imaging Orthotopic Hepatocellular Carcinoma Chemotherapy. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 15418-15425.	13.8	117
46	Photo-Ferrous Nanoparticles Based on Fe(II)-Coordination-Driven Cyanine-Based Amino Acid Assembly for Photodynamic Ferrotherapy. <i>ACS Applied Nano Materials</i> , 2021, 4, 5954-5962.	5.0	5
47	Redox-responsive nanoparticles self-assembled from porphyrin-betulinic acid conjugates for chemo- and photodynamic therapy. <i>Dyes and Pigments</i> , 2021, 190, 109307.	3.7	5
48	Rational Design of a Highly Selective Near-Infrared Two-Photon Fluorogenic Probe for Imaging Orthotopic Hepatocellular Carcinoma Chemotherapy. <i>Angewandte Chemie</i> , 2021, 133, 15546-15553.	2.0	5
49	Recent developments of BODIPY-based colorimetric and fluorescent probes for the detection of reactive oxygen/nitrogen species and cancer diagnosis. <i>Coordination Chemistry Reviews</i> , 2021, 439, 213936.	18.8	129
50	Hypochlorite-Activated Fluorescence Emission and Antibacterial Activities of Imidazole Derivatives for Biological Applications. <i>Frontiers in Chemistry</i> , 2021, 9, 713078.	3.6	6
51	Rational Design of Meso-Phosphino-Substituted BODIPY Probes for Imaging Hypochlorite in Living Cells and Mice. <i>Analytical Chemistry</i> , 2021, 93, 9640-9646.	6.5	33
52	Fluorescence Probe for Imaging N-Methyl-D-aspartate Receptors and Monitoring GSH Selectively Using Two-Photon Microscopy. <i>Analytical Chemistry</i> , 2021, 93, 11612-11616.	6.5	26
53	A Simple Route toward Next-Generation Thiobase-Based Photosensitizers for Cancer Theranostics. <i>ACS Sensors</i> , 2021, 6, 3462-3467.	7.8	17
54	Access to the Triplet Excited States of Heavy-Atom-Free Boron-Dipyrromethene Photosensitizers via Radical Pair Intersystem Crossing for Image-Guided Tumor-Targeted Photodynamic Therapy. <i>Chemistry of Materials</i> , 2021, 33, 7889-7896.	6.7	24

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55	Recent Strategies to Develop Innovative Photosensitizers for Enhanced Photodynamic Therapy. <i>Chemical Reviews</i> , 2021, 121, 13454-13619.	47.7	657
56	Reasonably constructed NIR fluorescent probes based on dicyanoisophorone skeleton for imaging ONOO <sup>-</sup> in living cells. <i>Dyes and Pigments</i> , 2021, 195, 109665.	3.7	23
57	Protein-Activatable Diarylethene Monomer as a Smart Trigger of Noninvasive Control Over Reversible Generation of Singlet Oxygen: A Facile, Switchable, Theranostic Strategy for Photodynamic-Immunotherapy. <i>Journal of the American Chemical Society</i> , 2021, 143, 2413-2422.	13.7	72
58	Recent progress in fluorescent probes for bacteria. <i>Chemical Society Reviews</i> , 2021, 50, 7725-7744.	38.1	143
59	Activation of apoptosis by rationally constructing NIR amphiphilic AIEgens: surmounting the shackle of mitochondrial membrane potential for amplified tumor ablation. <i>Chemical Science</i> , 2021, 12, 10522-10531.	7.4	56
60	Highly selective two-photon fluorescent off <sup>-</sup> on probes for imaging tyrosinase activity in living cells and tissues. <i>Chemical Communications</i> , 2021, 57, 6911-6914.	4.1	12
61	Phthalocyanines as contrast agents for photothermal therapy. <i>Coordination Chemistry Reviews</i> , 2021, 426, 213548.	18.8	118
62	Hypoxia-activatable nano-prodrug for fluorescently tracking drug release in mice. <i>Science China Chemistry</i> , 2021, 64, 499-508.	8.2	17
63	Control strategy of displacement processes to sense biothiols via fluorescent changes. <i>Dyes and Pigments</i> , 2020, 173, 107871.	3.7	5
64	Assembly strategies of organic-based imaging agents for fluorescence and photoacoustic bioimaging applications. <i>Chemical Society Reviews</i> , 2020, 49, 21-31.	38.1	313
65	A Supramolecular <sup>-</sup> Based Dual <sup>-</sup> Wavelength Phototherapeutic Agent with Broad <sup>-</sup> Spectrum Antimicrobial Activity Against Drug <sup>-</sup> Resistant Bacteria. <i>Angewandte Chemie</i> , 2020, 132, 3687-3693.	2.0	18
66	A Supramolecular <sup>-</sup> Based Dual <sup>-</sup> Wavelength Phototherapeutic Agent with Broad <sup>-</sup> Spectrum Antimicrobial Activity Against Drug <sup>-</sup> Resistant Bacteria. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 3658-3664.	13.8	94
67	A bifunctional rhodamine derivative as chemosensor for recognizing Cu <sup>2+</sup> and Hg <sup>2+</sup> ions via different spectra. <i>Chinese Chemical Letters</i> , 2020, 31, 1087-1090.	9.0	31
68	Synthetic ratiometric fluorescent probes for detection of ions. <i>Chemical Society Reviews</i> , 2020, 49, 143-179.	38.1	619
69	Supramolecular Nanozyme-Based Cancer Catalytic Therapy. <i>ACS Applied Bio Materials</i> , 2020, 3, 7344-7351.	4.6	26
70	Recent advances in biomedical applications of organic fluorescence materials with reduced singlet <sup>-</sup> triplet energy gaps. <i>Coordination Chemistry Reviews</i> , 2020, 425, 213545.	18.8	68
71	F <sup>-</sup> örster resonance energy transfer (FRET)-based small-molecule sensors and imaging agents. <i>Chemical Society Reviews</i> , 2020, 49, 5110-5139.	38.1	516
72	Clinical development and potential of photothermal and photodynamic therapies for cancer. <i>Nature Reviews Clinical Oncology</i> , 2020, 17, 657-674.	27.6	1,622

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73	A molecular approach to rationally constructing specific fluorogenic substrates for the detection of acetylcholinesterase activity in live cells, mice brains and tissues. <i>Chemical Science</i> , 2020, 11, 11285-11292.	7.4	40
74	Design and synthesis of efficient heavy-atom-free photosensitizers for photodynamic therapy of cancer. <i>Chemical Communications</i> , 2020, 56, 11489-11492.	4.1	32
75	Highly Efficient Aggregation-Induced Red-Emissive Organic Thermally Activated Delayed Fluorescence Materials with Prolonged Fluorescence Lifetime for Time-Resolved Luminescence Bioimaging. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 51293-51301.	8.0	63
76	Sensors for In Situ Real-Time Fluorescence Imaging of Enzymes. <i>CheM</i> , 2020, 6, 2893-2901.	11.7	47
77	A boronic acid-functionalized phthalocyanine with an aggregation-enhanced photodynamic effect for combating antibiotic-resistant bacteria. <i>Chemical Science</i> , 2020, 11, 5735-5739.	7.4	75
78	A thiocoumarin-based turn-on fluorescent probe for hypochlorite detection and its application to live-cell imaging. <i>Sensors and Actuators B: Chemical</i> , 2020, 317, 128213.	7.8	41
79	A fluorescent ESIPt-based benzimidazole platform for the ratiometric two-photon imaging of ONOO <sup>-</sup> <i>in vitro</i> and <i>ex vivo</i> . <i>Chemical Science</i> , 2020, 11, 7329-7334.	7.4	39
80	Fine-tuning the electronic structure of heavy-atom-free BODIPY photosensitizers for fluorescence imaging and mitochondria-targeted photodynamic therapy. <i>Chemical Science</i> , 2020, 11, 6479-6484.	7.4	99
81	An Activatable AIEgen Probe for High-Fidelity Monitoring of Overexpressed Tumor Enzyme Activity and Its Application to Surgical Tumor Excision. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 10186-10195.	13.8	134
82	An Activatable AIEgen Probe for High-Fidelity Monitoring of Overexpressed Tumor Enzyme Activity and Its Application to Surgical Tumor Excision. <i>Angewandte Chemie</i> , 2020, 132, 10272-10281.	2.0	23
83	Molecular Design of Highly Efficient Heavy-Atom-Free Triplet BODIPY Derivatives for Photodynamic Therapy and Bioimaging. <i>Angewandte Chemie</i> , 2020, 132, 9042-9047.	2.0	23
84	Aminopeptidase N Activatable Fluorescent Probe for Tracking Metastatic Cancer and Image-Guided Surgery via <i>In Situ</i> Spraying. <i>Journal of the American Chemical Society</i> , 2020, 142, 6381-6389.	13.7	187
85	Two-photon imaging of hydrogen polysulfides in living cells and hippocampal tissues. <i>Sensors and Actuators B: Chemical</i> , 2020, 322, 128564.	7.8	29
86	Supramolecular Phthalocyanine Assemblies for Improved Photoacoustic Imaging and Photothermal Therapy. <i>Angewandte Chemie</i> , 2020, 132, 8708-8712.	2.0	24
87	Supramolecular Phthalocyanine Assemblies for Improved Photoacoustic Imaging and Photothermal Therapy. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 8630-8634.	13.8	91
88	Optical and Fluorescent Dual Sensing of Aminoalcohols by <i>In Situ</i> Generation of BODIPY-like Chromophore. <i>Journal of the American Chemical Society</i> , 2020, 142, 4975-4979.	13.7	22
89	Molecular Design of Highly Efficient Heavy-Atom-Free Triplet BODIPY Derivatives for Photodynamic Therapy and Bioimaging. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 8957-8962.	13.8	185
90	Nano theranostics platforms that utilize proteins. <i>Coordination Chemistry Reviews</i> , 2020, 412, 213258.	18.8	25

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91	A lysosome-localized thionaphthalimide as a potential heavy-atom-free photosensitizer for selective photodynamic therapy. <i>Dyes and Pigments</i> , 2020, 177, 108265.	3.7	46
92	Bioconjugated Advanced Materials for Targeted Disease Theranostics. <i>Advanced Functional Materials</i> , 2020, 30, 1907906.	14.9	51
93	Supramolecular Antibacterial Materials for Combatting Antibiotic Resistance. <i>Advanced Materials</i> , 2019, 31, e1805092.	21.0	380
94	A Single Fluorescent Chemosensor for Simultaneous Discriminative Detection of Gaseous Phosgene and a Nerve Agent Mimic. <i>Analytical Chemistry</i> , 2019, 91, 12070-12076.	6.5	95
95	Design Principles, Sensing Mechanisms, and Applications of Highly Specific Fluorescent Probes for HOCl/OCl <sup>-</sup> . <i>Accounts of Chemical Research</i> , 2019, 52, 2158-2168.	15.6	285
96	Naphthoimidazolium based ratiometric fluorescent probes for F <sup>-</sup> and CN <sup>-</sup> , and anion-activated CO <sub>2</sub> sensing. <i>Dyes and Pigments</i> , 2019, 171, 107679.	3.7	30
97	A Selective Colorimetric and Fluorometric Chemosensor Based on Conjugated Polydiacetylenes for Cadmium Ion Detection. <i>ChemPhotoChem</i> , 2019, 3, 1133-1137.	3.0	38
98	Two-Photon Fluorescence Probe for Selective Monitoring of Superoxide in Live Cells and Tissues. <i>Analytical Chemistry</i> , 2019, 91, 14691-14696.	6.5	30
99	An Emerging Molecular Design Approach to Heavy-Atom-Free Photosensitizers for Enhanced Photodynamic Therapy under Hypoxia. <i>Journal of the American Chemical Society</i> , 2019, 141, 16243-16248.	13.7	267
100	A two-photon fluorescent probe for colorimetric and ratiometric monitoring of mercury in live cells and tissues. <i>Chemical Communications</i> , 2019, 55, 1766-1769.	4.1	91
101	Turn-On Supramolecular Host-Guest Nanosystems as Theranostics for Cancer. <i>CheM</i> , 2019, 5, 553-574.	11.7	87
102	Self-assembling nanoprobe that display two-dimensional fluorescent signals for identification of surfactants and bacteria. <i>Chemical Communications</i> , 2019, 55, 969-972.	4.1	15
103	Sequential Protein-Responsive Nanophotosensitizer Complex for Enhancing Tumor-Specific Therapy. <i>ACS Nano</i> , 2019, 13, 6702-6710.	14.6	52
104	The development of light-responsive, organic dye based, supramolecular nanosystems for enhanced anticancer therapy. <i>Coordination Chemistry Reviews</i> , 2019, 392, 237-254.	18.8	46
105	Oligo(ethylene glycol)-Functionalized Ratiometric Fluorescent Probe for the Detection of Hydrazine in Vitro and in Vivo. <i>Analytical Chemistry</i> , 2019, 91, 7360-7365.	6.5	95
106	Rhodamine-based near-infrared probe for emission detection of ATP in lysosomes in living cells. <i>Sensors and Actuators B: Chemical</i> , 2019, 292, 40-47.	7.8	32
107	Long Wavelength TCF-Based Fluorescent Probe for the Detection of Alkaline Phosphatase in Live Cells. <i>Frontiers in Chemistry</i> , 2019, 7, 255.	3.6	30
108	Sensors, Imaging Agents, and Theranostics to Help Understand and Treat Reactive Oxygen Species Related Diseases. <i>Small Methods</i> , 2019, 3, 1900013.	8.6	72

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109	A H-bond strategy to develop acid-resistant photoswitchable rhodamine spirolactams for super-resolution single-molecule localization microscopy. <i>Chemical Science</i> , 2019, 10, 4914-4922.	7.4	72
110	Photoswitchable phthalocyanine-assembled nanoparticles for controlled "lock" photodynamic therapy. <i>Chemical Communications</i> , 2019, 55, 12316-12319.	4.1	18
111	Water-Soluble Phthalocyanines Selectively Bind to Albumin Dimers: A Green Approach Toward Enhancing Tumor-Targeted Photodynamic Therapy. <i>Theranostics</i> , 2019, 9, 6412-6423.	10.0	30
112	Azulene-Derived Fluorescent Probe for Bioimaging: Detection of Reactive Oxygen and Nitrogen Species by Two-Photon Microscopy. <i>Journal of the American Chemical Society</i> , 2019, 141, 19389-19396.	13.7	125
113	Antimicrobial activity of a conjugated polymer with cationic backbone. <i>Dyes and Pigments</i> , 2019, 160, 519-523.	3.7	41
114	Fluorogenic probes for disease-relevant enzymes. <i>Chemical Society Reviews</i> , 2019, 48, 683-722.	38.1	451
115	<i>In Vivo</i> Albumin Traps Photosensitizer Monomers from Self-Assembled Phthalocyanine Nanovesicles: A Facile and Switchable Theranostic Approach. <i>Journal of the American Chemical Society</i> , 2019, 141, 1366-1372.	13.7	153
116	A Self-Assembled ATP Probe for Melanoma Cell Imaging. <i>Chemistry - A European Journal</i> , 2019, 25, 3501-3504.	3.3	19
117	Selectivity in Photodynamic Action: Higher Activity of Mitochondria Targeting Photosensitizers in Cancer Cells. <i>ChemPhotoChem</i> , 2019, 3, 129-132.	3.0	21
118	Rhodamine derivatives bearing thiourea groups serve as fluorescent probes for selective detection of ATP in mitochondria and lysosomes. <i>Sensors and Actuators B: Chemical</i> , 2019, 281, 350-358.	7.8	40
119	2-(Benzothiazol-2-yl)pyren-1-ol, a new excited state intramolecular proton transfer-based fluorescent sensor for nitroaromatic compounds. <i>Sensors and Actuators B: Chemical</i> , 2019, 280, 298-305.	7.8	25
120	Phthalocyanines as medicinal photosensitizers: Developments in the last five years. <i>Coordination Chemistry Reviews</i> , 2019, 379, 147-160.	18.8	353
121	A paper-based chemosensor for highly specific, ultrasensitive, and instantaneous visual detection of toxic phosgene. <i>Chemical Communications</i> , 2019, 55, 13753-13756.	4.1	53
122	Molecular logic gates: the past, present and future. <i>Chemical Society Reviews</i> , 2018, 47, 2228-2248.	38.1	468
123	Recent progress on the development of glutathione (GSH) selective fluorescent and colorimetric probes. <i>Coordination Chemistry Reviews</i> , 2018, 366, 29-68.	18.8	206
124	Long-wavelength TCF-based fluorescence probes for the detection and intracellular imaging of biological thiols. <i>Chemical Communications</i> , 2018, 54, 4786-4789.	4.1	68
125	Boronate-Based Fluorescence Probes for the Detection of Hydrogen Peroxide. <i>ChemistryOpen</i> , 2018, 7, 262-265.	1.9	30
126	A two-photon ESIPT based fluorescence probe for specific detection of hypochlorite. <i>Dyes and Pigments</i> , 2018, 158, 526-532.	3.7	67



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127	A colorimetric and fluorescent probe for rapid detection of glutathione and its application to tissue specific bio-imaging in living cells and zebrafish. <i>Sensors and Actuators B: Chemical</i> , 2018, 262, 306-312.	7.8	32
128	An ESIPT fluorescent probe and a nanofiber platform for selective and sensitive detection of a nerve gas mimic. <i>Chemical Communications</i> , 2018, 54, 2276-2279.	4.1	68
129	Colorimetric and Fluorescent Detecting Phosgene by a Second-Generation Chemosensor. <i>Analytical Chemistry</i> , 2018, 90, 3382-3386.	6.5	63
130	Nâ€Heterocyclic Carbene Boranes as Reactive Oxygen Speciesâ€Responsive Materials: Application to the Twoâ€Photon Imaging of Hypochlorous Acid in Living Cells and Tissues. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 1567-1571.	13.8	127
131	Supramolecular photosensitizers rejuvenate photodynamic therapy. <i>Chemical Society Reviews</i> , 2018, 47, 1174-1188.	38.1	818
132	Nâ€Heterocyclic Carbene Boranes as Reactive Oxygen Speciesâ€Responsive Materials: Application to the Twoâ€Photon Imaging of Hypochlorous Acid in Living Cells and Tissues. <i>Angewandte Chemie</i> , 2018, 130, 1583-1587.	2.0	26
133	A Visible and Near-Infrared, Dual-Channel Fluorescence-On Probe for Selectively Tracking Mitochondrial Glutathione. <i>Chem</i> , 2018, 4, 1609-1628.	11.7	161
134	A rhodamine-based fluorescent probe for the detection of lysosomal pH changes in living cells. <i>Sensors and Actuators B: Chemical</i> , 2018, 266, 416-421.	7.8	87
135	Near-infrared fluorescent probes for the detection of glutathione and their application in the fluorescence imaging of living cells and tumor-bearing mice. <i>Journal of Materials Chemistry B</i> , 2018, 6, 2541-2546.	5.8	60
136	Recent progress in the development of organic dye based near-infrared fluorescence probes for metal ions. <i>Coordination Chemistry Reviews</i> , 2018, 354, 74-97.	18.8	280
137	Facile Supramolecular Approach to Nucleic-Acid-Driven Activatable Nanotheranostics That Overcome Drawbacks of Photodynamic Therapy. <i>ACS Nano</i> , 2018, 12, 681-688.	14.6	149
138	Recent Advances in the Development of Chromophore-Based Chemosensors for Nerve Agents and Phosgene. <i>ACS Sensors</i> , 2018, 3, 27-43.	7.8	193
139	An ESIPT based fluorescence probe for ratiometric monitoring of nitric oxide. <i>Sensors and Actuators B: Chemical</i> , 2018, 259, 347-353.	7.8	60
140	Imidazole and triazole head group-containing polydiacetylenes for colorimetric monitoring of pH and detecting HCl gas. <i>Materials Chemistry Frontiers</i> , 2018, 2, 291-295.	5.9	22
141	Aggregation-Induced Fluorescence Probe for Monitoring Membrane Potential Changes in Mitochondria. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 12150-12154.	8.0	105
142	Phthalocyanineâ€Assembled Nanodots as Photosensitizers for Highly Efficient Typeâ€I Photoreactions in Photodynamic Therapy. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 9885-9890.	13.8	307
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288	A Highly Selective Fluorescent Chemosensor for Pb <sup>2+</sup> . <i>Journal of the American Chemical Society</i> , 2005, 127, 10107-10111.	13.7	618

#	ARTICLE	IF	CITATIONS
289	Highly Effective Fluorescent and Colorimetric Sensors for Pyrophosphate over H <sub>2</sub> PO <sub>4</sub> -in 100% Aqueous Solution. <i>Journal of Organic Chemistry</i> , 2005, 70, 9603-9606.	3.2	132
290	Highly Effective Fluorescent Sensor for Hg <sup>2+</sup> in Aqueous Solution. <i>Supramolecular Chemistry</i> , 2004, 16, 621-624.	1.2	24
291	A New Imidazolium Cavitaand for the Recognition of Dicarboxylates. <i>Organic Letters</i> , 2004, 6, 4655-4658.	4.6	106
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293	Fluorescent GTP-Sensing in Aqueous Solution of Physiological pH. <i>Journal of the American Chemical Society</i> , 2004, 126, 8892-8893.	13.7	286
294	Syntheses and Cation Complexation Studies of New Cavitaand Derivatives. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2003, 46, 155-159.	1.6	1
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296	Chiral Recognition Properties in Complexation of Two Asymmetric Hemicarcerands <sup>1</sup> . <i>Journal of the American Chemical Society</i> , 1997, 119, 11796-11806.	13.7	80
297	Rhodamine- $\theta$ -thiourea Linked Naphthalimide Derivative to Image ATP in Mitochondria using Two Channels. <i>Chemistry - an Asian Journal</i> , 0, , .	3.3	7