

Juyoung Yoon

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

290
papers

41,358
citations

96
h-index

200
g-index

302
ext. papers

48,130
ext. citations

16.4
avg, IF

8.17
L-index

#	Paper	IF	Citations
290	A coumarin-based fluorescent probe for NIR imaging-guided photodynamic therapy against -induced infection in mouse models.. <i>Journal of Materials Chemistry B</i> , 2022 ,	7.3	2
289	Fluorescent probes for the detection of disease-associated biomarkers. <i>Science Bulletin</i> , 2022 ,	10.6	9
288	A Facile, Protein-derived Supramolecular Theranostic Strategy for Multimodal-imaging-guided Photodynamic and Photothermal Immunotherapy in vivo.. <i>Advanced Materials</i> , 2022 , e2109111	24	9
287	An unconventional nano-AIEgen originating from a natural plant polyphenol for multicolor bioimaging. <i>Cell Reports Physical Science</i> , 2022 , 3, 100745	6.1	3
286	Activated supramolecular nano-agents: From diagnosis to imaging-guided tumor treatment. <i>Nano Today</i> , 2022 , 43, 101392	17.9	2
285	Recent progress on small molecule-based fluorescent imaging probes for hypochlorous acid (HOCl)/hypochlorite (OCl ⁻) <i>Dyes and Pigments</i> , 2022 , 200, 110132	4.6	6
284	Activity-based NIR fluorescent probes based on the versatile hemicyanine scaffold: design strategy, biomedical applications, and outlook.. <i>Chemical Society Reviews</i> , 2022 ,	58.5	22
283	Phthalocyanine-Assembled "One-For-Two" Nanoparticles for Combined Photodynamic-Photothermal Therapy of Multidrug-Resistant Bacteria.. <i>ACS Applied Materials & Interfaces</i> , 2022 ,	9.5	3
282	Sulfur-based fluorescent probes for HOCl: Mechanisms, design, and applications. <i>Coordination Chemistry Reviews</i> , 2022 , 450, 214232	23.2	15
281	A coumarin-based reversible two-photon fluorescence probe for imaging glutathione near -methyl-D-aspartate (NMDA) receptors.. <i>Chemical Communications</i> , 2022 ,	5.8	3
280	Organic photosensitizers for antimicrobial phototherapy.. <i>Chemical Society Reviews</i> , 2022 ,	58.5	15
279	Reactivity Differences Enable ROS for Selective Ablation of Bacteria.. <i>Angewandte Chemie - International Edition</i> , 2022 ,	16.4	5
278	Rational Molecular Design of Efficient Heavy-Atom-Free Photosensitizers for Cancer Photodynamic Therapy.. <i>ChemPlusChem</i> , 2022 , e202200086	2.8	
277	Acid-Responsive Nanoporphyrin Evolution for Near-Infrared Fluorescence-Guided Photo-Ablation of Biofilm.. <i>Advanced Healthcare Materials</i> , 2022 , e2200529	10.1	2
276	Structure-oriented design strategy to construct NIR AIEgens to selectively combat gram (+) multidrug-resistant bacteria in vivo. <i>Biomaterials</i> , 2022 , 286, 121580	15.6	7
275	Activatable fluorescent probes for imaging of enzymes.. <i>Chemical Society Reviews</i> , 2021 ,	58.5	22
274	Future-oriented Advanced Diarylethene Photoswitches: From Molecular Design to Spontaneous Assembly Systems. <i>Advanced Materials</i> , 2021 , e2108289	24	8

273	Turning an FDA-approved therapeutic into an AIEgen for imaging live bacteria and for bacterial detection. <i>Aggregate</i> , 2021 , 2, e47	22.9	1
272	Molecular Design toward Heavy-Atom-free Photosensitizers Based on the C-S Bond and their Dual Functions in Hypoxia Photodynamic Cancer Therapy and CLO Detection. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 13949-13957	9.5	18
271	Imaging of intracellular singlet oxygen with bright BODIPY dyes. <i>Dyes and Pigments</i> , 2021 , 188, 109158	4.6	4
270	Organelle-Targeted Photosensitizers for Precision Photodynamic Therapy. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 19543-19571	9.5	45
269	Advances in Application of Azobenzene as a Trigger in Biomedicine: Molecular Design and Spontaneous Assembly. <i>Advanced Materials</i> , 2021 , 33, e2007290	24	29
268	Activity-based smart AIEgens for detection, bioimaging, and therapeutics: Recent progress and outlook. <i>Aggregate</i> , 2021 , 2, e51	22.9	9
267	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	16.4	31
266	Photo-Fenozyme 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	5.6	1
265	Redox-responsive nanoparticles self-assembled from porphyrin-betulinic acid conjugates for chemo- and photodynamic therapy. <i>Dyes and Pigments</i> , 2021 , 190, 109307	4.6	1
264	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	3.6	1
263	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	23.2	27
262	Hypochlorite-Activated Fluorescence Emission and Antibacterial Activities of Imidazole Derivatives for Biological Applications. <i>Frontiers in Chemistry</i> , 2021 , 9, 713078	5	2
261	Rational Design of Meso-Phosphino-Substituted BODIPY Probes for Imaging Hypochlorite in Living Cells and Mice. <i>Analytical Chemistry</i> , 2021 , 93, 9640-9646	7.8	6
260	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	15.6	34
259	Recent progress in the two-photon fluorescent probes for metal ions. <i>Coordination Chemistry Reviews</i> , 2021 , 427, 213574	23.2	30
258	Activity-Based NIR Enzyme Fluorescent Probes for the Diagnosis of Tumors and Image-Guided Surgery. <i>Angewandte Chemie</i> , 2021 , 133, 17408-17429	3.6	7
257	Activatable supramolecular photosensitizers: advanced design strategies. <i>Materials Chemistry Frontiers</i> , 2021 , 5, 1683-1693	7.8	12
256	Fluorescent Chemosensors for Zn ²⁺ and Pyrophosphate. <i>Bulletin of the Korean Chemical Society</i> , 2021 , 42, 107-110	1.2	0

255	Revisiting imidazolium receptors for the recognition of anions: highlighted research during 2010-2019. <i>Chemical Society Reviews</i> , 2021 , 50, 589-618	58.5	16
254	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	24.3	98
253	Sonodynamic and chemodynamic therapy based on organic/organometallic sensitizers. <i>Coordination Chemistry Reviews</i> , 2021 , 429, 213610	23.2	22
252	Metal-coordinated fluorescent and luminescent probes for reactive oxygen species (ROS) and reactive nitrogen species (RNS). <i>Coordination Chemistry Reviews</i> , 2021 , 427, 213581	23.2	70
251	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	16.4	65
250	Two-photon ESIPT-based fluorescent probe using 4-hydroxyisoindoline-1,3-dione for the detection of peroxynitrite. <i>Chemical Communications</i> , 2021 , 57, 11084-11087	5.8	6
249	Supramolecular agents for combination of photodynamic therapy and other treatments. <i>Chemical Science</i> , 2021 , 12, 7248-7268	9.4	22
248	Fluorescence Probe for Imaging -Methyl-d-aspartate Receptors and Monitoring GSH Selectively Using Two-Photon Microscopy. <i>Analytical Chemistry</i> , 2021 , 93, 11612-11616	7.8	2
247	A Simple Route toward Next-Generation Thiobase-Based Photosensitizers for Cancer Theranostics. <i>ACS Sensors</i> , 2021 , 6, 3462-3467	9.2	3
246	Recent Strategies to Develop Innovative Photosensitizers for Enhanced Photodynamic Therapy. <i>Chemical Reviews</i> , 2021 , 121, 13454-13619	68.1	90
245	Reasonably constructed NIR fluorescent probes based on dicyanoisophorone skeleton for imaging ONOO ⁻ in living cells. <i>Dyes and Pigments</i> , 2021 , 195, 109665	4.6	4
244	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	16.4	37
243	Recent progress in fluorescent probes for bacteria. <i>Chemical Society Reviews</i> , 2021 , 50, 7725-7744	58.5	34
242	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	9.4	17
241	Highly selective two-photon fluorescent off-on probes for imaging tyrosinase activity in living cells and tissues. <i>Chemical Communications</i> , 2021 , 57, 6911-6914	5.8	2
240	Phthalocyanines as contrast agents for photothermal therapy. <i>Coordination Chemistry Reviews</i> , 2021 , 426, 213548	23.2	46
239	Hypoxia-activatable nano-prodrug for fluorescently tracking drug release in mice. <i>Science China Chemistry</i> , 2021 , 64, 499-508	7.9	7
238	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 & Interfaces</i> , 2020 , 12, 51293-51301	9.5	32

237	Sensors for In Situ Real-Time Fluorescence Imaging of Enzymes. <i>Chem</i> , 2020 , 6, 2893-2901	16.2	18
236	A boronic acid-functionalized phthalocyanine with an aggregation-enhanced photodynamic effect for combating antibiotic-resistant bacteria. <i>Chemical Science</i> , 2020 , 11, 5735-5739	9.4	35
235	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	8.5	27
234	A fluorescent ESIPT-based benzimidazole platform for the ratiometric two-photon imaging of ONOO and. <i>Chemical Science</i> , 2020 , 11, 7329-7334	9.4	18
233	Fine-tuning the electronic structure of heavy-atom-free photosensitizers for fluorescence imaging and mitochondria-targeted photodynamic therapy. <i>Chemical Science</i> , 2020 , 11, 6479-6484	9.4	50
232	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	16.4	71
231	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	3.6	10
230	Molecular Design of Highly Efficient Heavy-Atom-Free Triplet BODIPY Derivatives for Photodynamic Therapy and Bioimaging. <i>Angewandte Chemie</i> , 2020 , 132, 9042-9047	3.6	16
229	Aminopeptidase N Activatable Fluorescent Probe for Tracking Metastatic Cancer and Image-Guided Surgery via Spraying. <i>Journal of the American Chemical Society</i> , 2020 , 142, 6381-6389	16.4	94
228	Two-photon imaging of hydrogen polysulfides in living cells and hippocampal tissues. <i>Sensors and Actuators B: Chemical</i> , 2020 , 322, 128564	8.5	13
227	Supramolecular Phthalocyanine Assemblies for Improved Photoacoustic Imaging and Photothermal Therapy. <i>Angewandte Chemie</i> , 2020 , 132, 8708-8712	3.6	16
226	Supramolecular Phthalocyanine Assemblies for Improved Photoacoustic Imaging and Photothermal Therapy. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 8630-8634	16.4	53
225	Optical and Fluorescent Dual Sensing of Aminoalcohols by in Situ Generation of BODIPY-like Chromophore. <i>Journal of the American Chemical Society</i> , 2020 , 142, 4975-4979	16.4	14
224	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	16.4	86
223	Nano theranostics platforms that utilize proteins. <i>Coordination Chemistry Reviews</i> , 2020 , 412, 213258	23.2	17
222	A lysosome-localized thionaphthalimide as a potential heavy-atom-free photosensitizer for selective photodynamic therapy. <i>Dyes and Pigments</i> , 2020 , 177, 108265	4.6	23
221	Assembly strategies of organic-based imaging agents for fluorescence and photoacoustic bioimaging applications. <i>Chemical Society Reviews</i> , 2020 , 49, 21-31	58.5	179
220	A Supramolecular-Based Dual-Wavelength Phototherapeutic Agent with Broad-Spectrum Antimicrobial Activity Against Drug-Resistant Bacteria. <i>Angewandte Chemie</i> , 2020 , 132, 3687-3693	3.6	9

219	A Supramolecular-Based Dual-Wavelength Phototherapeutic Agent with Broad-Spectrum Antimicrobial Activity Against Drug-Resistant Bacteria. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 3658-3664	16.4	50
218	A bifunctional rhodamine derivative as chemosensor for recognizing Cu ²⁺ and Hg ²⁺ ions via different spectra. <i>Chinese Chemical Letters</i> , 2020 , 31, 1087-1090	8.1	18
217	Synthetic ratiometric fluorescent probes for detection of ions. <i>Chemical Society Reviews</i> , 2020 , 49, 143-179	39.5	310
216	Supramolecular Nanozyme-Based Cancer Catalytic Therapy.. <i>ACS Applied Bio Materials</i> , 2020 , 3, 7344-7351	11	8
215	Recent advances in biomedical applications of organic fluorescence materials with reduced singlet-triplet energy gaps. <i>Coordination Chemistry Reviews</i> , 2020 , 425, 2135-45	23.2	35
214	Förster resonance energy transfer (FRET)-based small-molecule sensors and imaging agents. <i>Chemical Society Reviews</i> , 2020 , 49, 5110-5139	58.5	214
213	Clinical development and potential of photothermal and photodynamic therapies for cancer. <i>Nature Reviews Clinical Oncology</i> , 2020 , 17, 657-674	19.4	570
212	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	9.4	17
211	Design and synthesis of efficient heavy-atom-free photosensitizers for photodynamic therapy of cancer. <i>Chemical Communications</i> , 2020 , 56, 11489-11492	5.8	16
210	Control strategy of displacement processes to sense biothiols via fluorescent changes. <i>Dyes and Pigments</i> , 2020 , 173, 107871	4.6	3
209	Bio-Conjugated Advanced Materials for Targeted Disease Theranostics. <i>Advanced Functional Materials</i> , 2020 , 30, 1907906	15.6	29
208	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	16.4	133
207	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	5.8	60
206	Turn-On Supramolecular Host-Guest Nanosystems as Theranostics for Cancer. <i>Chem</i> , 2019 , 5, 553-574	16.2	60
205	Self-assembling nanoprobe that display two-dimensional fluorescent signals for identification of surfactants and bacteria. <i>Chemical Communications</i> , 2019 , 55, 969-972	5.8	12
204	Sequential Protein-Responsive Nanophotosensitizer Complex for Enhancing Tumor-Specific Therapy. <i>ACS Nano</i> , 2019 , 13, 6702-6710	16.7	38
203	The development of light-responsive, organic dye based, supramolecular nanosystems for enhanced anticancer therapy. <i>Coordination Chemistry Reviews</i> , 2019 , 392, 237-254	23.2	36
202	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	7.8	69

201	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	8.5	18
200	Long Wavelength TCF-Based Fluorescent Probe for the Detection of Alkaline Phosphatase in Live Cells. <i>Frontiers in Chemistry</i> , 2019 , 7, 255	5	19
199	Sensors, Imaging Agents, and Theranostics to Help Understand and Treat Reactive Oxygen Species Related Diseases. <i>Small Methods</i> , 2019 , 3, 1900013	12.8	50
198	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	9.4	40
197	A Single Fluorescent Chemosensor for Simultaneous Discriminative Detection of Gaseous Phosgene and a Nerve Agent Mimic. <i>Analytical Chemistry</i> , 2019 , 91, 12070-12076	7.8	50
196	Design Principles, Sensing Mechanisms, and Applications of Highly Specific Fluorescent Probes for HOCl/OCl. <i>Accounts of Chemical Research</i> , 2019 , 52, 2158-2168	24.3	171
195	Naphthoimidazolium based ratiometric fluorescent probes for F ⁻ and CN ⁻ and anion-activated CO ₂ sensing. <i>Dyes and Pigments</i> , 2019 , 171, 107679	4.6	21
194	A Selective Colorimetric and Fluorometric Chemosensor Based on Conjugated Polydiacetylenes for Cadmium Ion Detection. <i>ChemPhotoChem</i> , 2019 , 3, 1133-1137	3.3	20
193	Two-Photon Fluorescence Probe for Selective Monitoring of Superoxide in Live Cells and Tissues. <i>Analytical Chemistry</i> , 2019 , 91, 14691-14696	7.8	22
192	A paper-based chemosensor for highly specific, ultrasensitive, and instantaneous visual detection of toxic phosgene. <i>Chemical Communications</i> , 2019 , 55, 13753-13756	5.8	26
191	Photoswitchable phthalocyanine-assembled nanoparticles for controlled "double-lock" photodynamic therapy. <i>Chemical Communications</i> , 2019 , 55, 12316-12319	5.8	14
190	Water-Soluble Phthalocyanines Selectively Bind to Albumin Dimers: A Green Approach Toward Enhancing Tumor-Targeted Photodynamic Therapy. <i>Theranostics</i> , 2019 , 9, 6412-6423	12.1	17
189	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	16.4	73
188	Antimicrobial activity of a conjugated polymer with cationic backbone. <i>Dyes and Pigments</i> , 2019 , 160, 519-523	4.6	27
187	Fluorogenic probes for disease-relevant enzymes. <i>Chemical Society Reviews</i> , 2019 , 48, 683-722	58.5	297
186	In Vivo 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	16.4	105
185	A Self-Assembled ATP Probe for Melanoma Cell Imaging. <i>Chemistry - A European Journal</i> , 2019 , 25, 3501-3504	4.5	13
184	Selectivity in Photodynamic Action: Higher Activity of Mitochondria Targeting Photosensitizers in Cancer Cells. <i>ChemPhotoChem</i> , 2019 , 3, 129	3.3	16

183	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	8.5	26
182	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	8.5	22
181	Phthalocyanines as medicinal photosensitizers: Developments in the last five years. <i>Coordination Chemistry Reviews</i> , 2019 , 379, 147-160	23.2	244
180	Supramolecular Antibacterial Materials for Combatting Antibiotic Resistance. <i>Advanced Materials</i> , 2019 , 31, e1805092	24	158
179	Molecular logic gates: the past, present and future. <i>Chemical Society Reviews</i> , 2018 , 47, 2228-2248	58.5	316
178	Recent progress on the development of glutathione (GSH) selective fluorescent and colorimetric probes. <i>Coordination Chemistry Reviews</i> , 2018 , 366, 29-68	23.2	142
177	Long-wavelength TCF-based fluorescence probes for the detection and intracellular imaging of biological thiols. <i>Chemical Communications</i> , 2018 , 54, 4786-4789	5.8	47
176	Boronate-Based Fluorescence Probes for the Detection of Hydrogen Peroxide. <i>ChemistryOpen</i> , 2018 , 7, 262-265	2.3	17
175	A two-photon ESIPT based fluorescence probe for specific detection of hypochlorite. <i>Dyes and Pigments</i> , 2018 , 158, 526-532	4.6	46
174	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	8.5	28
173	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	5.8	48
172	Colorimetric and Fluorescent Detecting Phosgene by a Second-Generation Chemosensor. <i>Analytical Chemistry</i> , 2018 , 90, 3382-3386	7.8	48
171	N-Heterocyclic Carbene Boranes as Reactive Oxygen Species-Responsive Materials: Application to the Two-Photon Imaging of Hypochlorous Acid in Living Cells and Tissues. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 1567-1571	16.4	103
170	Supramolecular photosensitizers rejuvenate photodynamic therapy. <i>Chemical Society Reviews</i> , 2018 , 47, 1174-1188	58.5	541
169	N-Heterocyclic Carbene Boranes as Reactive Oxygen Species-Responsive Materials: Application to the Two-Photon Imaging of Hypochlorous Acid in Living Cells and Tissues. <i>Angewandte Chemie</i> , 2018 , 130, 1583-1587	3.6	23
168	A Visible and Near-Infrared, Dual-Channel Fluorescence-On Probe for Selectively Tracking Mitochondrial Glutathione. <i>Chem</i> , 2018 , 4, 1609-1628	16.2	117
167	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	8.5	61
166	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	7.3	48

165	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	23.2	211
164	Naphthalene-based fluorescent probes for glutathione and their applications in living cells and patients with sepsis. <i>Theranostics</i> , 2018 , 8, 1411-1420	12.1	26
163	Design and applications of fluorescent detectors for peroxynitrite. <i>Coordination Chemistry Reviews</i> , 2018 , 374, 36-54	23.2	78
162	Ratiometric Two-Photon Fluorescent Probe for Detecting and Imaging Hypochlorite. <i>Analytical Chemistry</i> , 2018 , 90, 9510-9514	7.8	62
161	Photoacoustic imaging of tumor targeting with biotin conjugated nanostructured phthalocyanine assemblies 2018 ,		2
160	Facile Supramolecular Approach to Nucleic-Acid-Driven Activatable Nanotheranostics That Overcome Drawbacks of Photodynamic Therapy. <i>ACS Nano</i> , 2018 , 12, 681-688	16.7	117
159	Recent Advances in the Development of Chromophore-Based Chemosensors for Nerve Agents and Phosgene. <i>ACS Sensors</i> , 2018 , 3, 27-43	9.2	128
158	An ESIPT based fluorescence probe for ratiometric monitoring of nitric oxide. <i>Sensors and Actuators B: Chemical</i> , 2018 , 259, 347-353	8.5	42
157	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	7.8	16
156	Aggregation-Induced Fluorescence Probe for Monitoring Membrane Potential Changes in Mitochondria. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 12150-12154	9.5	76
155	Phthalocyanine-Assembled Nanodots as Photosensitizers for Highly Efficient Type I Photoreactions in Photodynamic Therapy. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 9885-9890	16.4	213
154	A naphthoimidazolium-cholesterol derivative as a ratiometric fluorescence based chemosensor for the chiral recognition of carboxylates. <i>Chemical Communications</i> , 2018 , 54, 13264-13267	5.8	10
153	Excited-state intramolecular proton-transfer (ESIPT) based fluorescence sensors and imaging agents. <i>Chemical Society Reviews</i> , 2018 , 47, 8842-8880	58.5	599
152	Development of a Selective Fluorescent Probe for Hypochlorous Acid Detection and Imaging. <i>Bulletin of the Korean Chemical Society</i> , 2018 , 39, 1355-1356	1.2	2
151	Mesenchymal stem cell-driven activatable photosensitizers for precision photodynamic oncotherapy. <i>Biomaterials</i> , 2018 , 187, 18-26	15.6	24
150	Endoplasmic Reticulum-Targeted Ratiometric N-Heterocyclic Carbene Borane Probe for Two-Photon Microscopic Imaging of Hypochlorous Acid. <i>Analytical Chemistry</i> , 2018 , 90, 12937-12943	7.8	53
149	Fluorescent Chemosensors for Various Analytes Including Reactive Oxygen Species, Biothiol, Metal Ions, and Toxic Gases. <i>ACS Omega</i> , 2018 , 3, 13731-13751	3.9	54
148	Self-immolative colorimetric, fluorescent and chemiluminescent chemosensors. <i>Chemical Society Reviews</i> , 2018 , 47, 6900-6916	58.5	111

147	Innovative Strategien für die photodynamische Therapie hypoxischer Tumore. <i>Angewandte Chemie</i> , 2018 , 130, 11694-11704	3.6	67
146	Innovative Strategies for Hypoxic-Tumor Photodynamic Therapy. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 11522-11531	16.4	525
145	Recent advances in the use of photochromic dyes for photocontrol in biomedicine. <i>Coordination Chemistry Reviews</i> , 2018 , 372, 66-84	23.2	58
144	Phthalocyanine-Assembled Nanodots as Photosensitizers for Highly Efficient Type I Photoreactions in Photodynamic Therapy. <i>Angewandte Chemie</i> , 2018 , 130, 10033-10038	3.6	42
143	A Two-Photon Fluorescent Probe for Imaging Endogenous ONOO near NMDA Receptors in Neuronal Cells and Hippocampal Tissues. <i>Analytical Chemistry</i> , 2018 , 90, 9347-9352	7.8	55
142	In vivo near-infrared imaging and phototherapy of tumors using a cathepsin B-activated fluorescent probe. <i>Biomaterials</i> , 2017 , 122, 130-140	15.6	80
141	Two-photon fluorescence sensors for imaging NMDA receptors and monitoring release of Zn from the presynaptic terminal. <i>Biosensors and Bioelectronics</i> , 2017 , 91, 770-779	11.8	21
140	Colorimetric Detection of Thiophenol Based on a Phenolphthalein Derivative and Its Application as a Molecular Logic Gate. <i>ChemPhysChem</i> , 2017 , 18, 1752-1754	3.2	11
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