

Juyoung Yoon

List of Publications by Citations

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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	Fluorescent and colorimetric sensors for detection of lead, cadmium, and mercury ions. <i>Chemical Society Reviews</i> , 2012 , 41, 3210-44	58.5	1744
289	Fluorescent chemosensors based on spiroring-opening of xanthenes and related derivatives. <i>Chemical Reviews</i> , 2012 , 112, 1910-56	68.1	1567
288	A new trend in rhodamine-based chemosensors: application of spirolactam ring-opening to sensing ions. <i>Chemical Society Reviews</i> , 2008 , 37, 1465-72	58.5	1391
287	Fluorescent and colorimetric probes for detection of thiols. <i>Chemical Society Reviews</i> , 2010 , 39, 2120-35	58.5	1319
286	Recent progress in the development of near-infrared fluorescent probes for bioimaging applications. <i>Chemical Society Reviews</i> , 2014 , 43, 16-29	58.5	1293
285	Fluorescent chemosensors: the past, present and future. <i>Chemical Society Reviews</i> , 2017 , 46, 7105-7123	58.5	980
284	Sensors for the optical detection of cyanide ion. <i>Chemical Society Reviews</i> , 2010 , 39, 127-37	58.5	926
283	Fluorescent chemosensors for Zn(2+). <i>Chemical Society Reviews</i> , 2010 , 39, 1996-2006	58.5	822
282	Recent progress in the development of fluorescent, luminescent and colorimetric probes for detection of reactive oxygen and nitrogen species. <i>Chemical Society Reviews</i> , 2016 , 45, 2976-3016	58.5	801
281	Fluorescent and luminescent probes for detection of reactive oxygen and nitrogen species. <i>Chemical Society Reviews</i> , 2011 , 40, 4783-804	58.5	794
280	Fluorescence and colorimetric chemosensors for fluoride-ion detection. <i>Chemical Reviews</i> , 2014 , 114, 5511-71	68.1	774
279	Imidazolium receptors for the recognition of anions. <i>Chemical Society Reviews</i> , 2006 , 35, 355-60	58.5	726
278	Recent progress in luminescent and colorimetric chemosensors for detection of thiols. <i>Chemical Society Reviews</i> , 2013 , 42, 6019-31	58.5	703
277	Recent progress in fluorescent and colorimetric chemosensors for detection of precious metal ions (silver, gold and platinum ions). <i>Chemical Society Reviews</i> , 2011 , 40, 3416-29	58.5	648
276	Zn ²⁺ -triggered amide tautomerization produces a highly Zn ²⁺ -selective, cell-permeable, and ratiometric fluorescent sensor. <i>Journal of the American Chemical Society</i> , 2010 , 132, 601-10	16.4	616
275	Excited-state intramolecular proton-transfer (ESIPT) based fluorescence sensors and imaging agents. <i>Chemical Society Reviews</i> , 2018 , 47, 8842-8880	58.5	599
274	A highly selective fluorescent chemosensor for Pb ²⁺ . <i>Journal of the American Chemical Society</i> , 2005 , 127, 10107-11	16.4	580

273	Chemosensors for pyrophosphate. <i>Accounts of Chemical Research</i> , 2009 , 42, 23-31	24.3	579
272	Clinical development and potential of photothermal and photodynamic therapies for cancer. <i>Nature Reviews Clinical Oncology</i> , 2020 , 17, 657-674	19.4	570
271	Recent Progress on the Development of Chemosensors for Gases. <i>Chemical Reviews</i> , 2015 , 115, 7944-8068.1	58.5	548
270	Supramolecular photosensitizers rejuvenate photodynamic therapy. <i>Chemical Society Reviews</i> , 2018 , 47, 1174-1188	58.5	541
269	Innovative Strategies for Hypoxic-Tumor Photodynamic Therapy. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 11522-11531	16.4	525
268	Unique sandwich stacking of pyrene-adenine-pyrene for selective and ratiometric fluorescent sensing of ATP at physiological pH. <i>Journal of the American Chemical Society</i> , 2009 , 131, 15528-33	16.4	514
267	Cyanine-based fluorescent probe for highly selective detection of glutathione in cell cultures and live mouse tissues. <i>Journal of the American Chemical Society</i> , 2014 , 136, 5351-8	16.4	494
266	Recent progress in the development of fluorometric and colorimetric chemosensors for detection of cyanide ions. <i>Chemical Society Reviews</i> , 2014 , 43, 4312-24	58.5	482
265	Fluorescent probes and bioimaging: alkali metals, alkaline earth metals and pH. <i>Chemical Society Reviews</i> , 2015 , 44, 4619-44	58.5	480
264	Revisit to imidazolium receptors for the recognition of anions: highlighted research during 2006-2009. <i>Chemical Society Reviews</i> , 2010 , 39, 1457-66	58.5	468
263	Recent advances in development of chiral fluorescent and colorimetric sensors. <i>Chemical Reviews</i> , 2014 , 114, 4918-59	68.1	461
262	A highly selective ratiometric near-infrared fluorescent cyanine sensor for cysteine with remarkable shift and its application in bioimaging. <i>Chemical Science</i> , 2012 , 3, 2760	9.4	389
261	Fluorescent and colorimetric chemosensors for detection of nucleotides, FAD and NADH: highlighted research during 2004-2010. <i>Chemical Society Reviews</i> , 2011 , 40, 2222-35	58.5	339
260	Biosensors and chemosensors based on the optical responses of polydiacetylenes. <i>Chemical Society Reviews</i> , 2012 , 41, 4610-30	58.5	336
259	Molecular logic gates: the past, present and future. <i>Chemical Society Reviews</i> , 2018 , 47, 2228-2248	58.5	316
258	Development of fluorescent probes based on protection-deprotection of the key functional groups for biological imaging. <i>Chemical Society Reviews</i> , 2015 , 44, 5003-15	58.5	313
257	Synthetic ratiometric fluorescent probes for detection of ions. <i>Chemical Society Reviews</i> , 2020 , 49, 143-179.5	58.5	310
256	A highly specific fluorescent probe for hypochlorous acid and its application in imaging microbe-induced HOCl production. <i>Journal of the American Chemical Society</i> , 2013 , 135, 9944-9	16.4	307

255	Fluorogenic probes for disease-relevant enzymes. <i>Chemical Society Reviews</i> , 2019 , 48, 683-722	58.5	297
254	Activatable Photosensitizers: Agents for Selective Photodynamic Therapy. <i>Advanced Functional Materials</i> , 2017 , 27, 1604053	15.6	293
253	Pyrophosphate-selective fluorescent chemosensor at physiological pH: formation of a unique excimer upon addition of pyrophosphate. <i>Journal of the American Chemical Society</i> , 2007 , 129, 3828-9	16.4	290
252	Hg ²⁺ selective fluorescent and colorimetric sensor: its crystal structure and application to bioimaging. <i>Organic Letters</i> , 2008 , 10, 5235-8	6.2	280
251	A near-infrared fluorescent sensor for detection of cyanide in aqueous solution and its application for bioimaging. <i>Chemical Communications</i> , 2010 , 46, 8953-5	5.8	277
250	Fluorescent GTP-sensing in aqueous solution of physiological pH. <i>Journal of the American Chemical Society</i> , 2004 , 126, 8892-3	16.4	274
249	A thiol-specific fluorescent probe and its application for bioimaging. <i>Chemical Communications</i> , 2010 , 46, 2751-3	5.8	269
248	Recent progress in the design and applications of fluorescence probes containing crown ethers. <i>Chemical Society Reviews</i> , 2017 , 46, 2437-2458	58.5	267
247	Thin-film formation of imidazolium-based conjugated polydiacetylenes and their application for sensing anionic surfactants. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 1422-5	16.4	247
246	Phthalocyanines as medicinal photosensitizers: Developments in the last five years. <i>Coordination Chemistry Reviews</i> , 2019 , 379, 147-160	23.2	244
245	Fluorescent and colorimetric chemosensors for pyrophosphate. <i>Chemical Society Reviews</i> , 2015 , 44, 1749-82	58.5	239
244	Nanostructured Phthalocyanine Assemblies with Protein-Driven Switchable Photoactivities for Biophotonic Imaging and Therapy. <i>Journal of the American Chemical Society</i> , 2017 , 139, 10880-10886	16.4	238
243	Cancer-Associated, Stimuli-Driven, Turn on Theranostics for Multimodality Imaging and Therapy. <i>Advanced Materials</i> , 2017 , 29, 1606857	24	226
242	A specific and sensitive method for detection of hypochlorous acid for the imaging of microbe-induced HOCl production. <i>Chemical Communications</i> , 2011 , 47, 4373-5	5.8	220
241	Boronic acid-linked fluorescent and colorimetric probes for copper ions. <i>Chemical Communications</i> , 2008 , 5915-7	5.8	219
240	Förster resonance energy transfer (FRET)-based small-molecule sensors and imaging agents. <i>Chemical Society Reviews</i> , 2020 , 49, 5110-5139	58.5	214
239	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
238	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

237	Development of imidazoline-2-thiones based two-photon fluorescence probes for imaging hypochlorite generation in a co-culture system. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 4890-4	16.4	195
236	A Reversible Fluorescent Probe for Real-Time Quantitative Monitoring of Cellular Glutathione. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 5812-5816	16.4	190
235	A benzobisimidazolium-based fluorescent and colorimetric chemosensor for CO ₂ . <i>Journal of the American Chemical Society</i> , 2012 , 134, 17846-9	16.4	189
234	A water-soluble boronate-based fluorescent probe for the selective detection of peroxynitrite and imaging in living cells. <i>Chemical Science</i> , 2014 , 5, 3368	9.4	180
233	Recognition and sensing of various species using boronic acid derivatives. <i>Chemical Communications</i> , 2012 , 48, 5956-67	5.8	180
232	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
231	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
230	Mitochondria-Targeted Reaction-Based Fluorescent Probe for Hydrogen Sulfide. <i>Analytical Chemistry</i> , 2016 , 88, 5476-81	7.8	171
229	Highly effective fluorescent sensor for H ₂ PO ₄ (-). <i>Journal of Organic Chemistry</i> , 2004 , 69, 581-3	4.2	169
228	New fluorescent photoinduced electron transfer chemosensor for the recognition of H ₂ PO ₄ (-). <i>Organic Letters</i> , 2003 , 5, 2083-6	6.2	166
227	Polydiacetylene-based colorimetric and fluorescent chemosensor for the detection of carbon dioxide. <i>Journal of the American Chemical Society</i> , 2013 , 135, 17751-4	16.4	164
226	Fluorescent molecular logic gates using microfluidic devices. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 872-6	16.4	162
225	Supramolecular Antibacterial Materials for Combatting Antibiotic Resistance. <i>Advanced Materials</i> , 2019 , 31, e1805092	24	158
224	Selectively chemodosimetric detection of Hg(II) in aqueous media. <i>Organic Letters</i> , 2007 , 9, 4515-8	6.2	146
223	Induction-driven stabilization of the anion-π interaction in electron-rich aromatics as the key to fluoride inclusion in imidazolium-cage receptors. <i>Chemistry - A European Journal</i> , 2011 , 17, 1163-70	4.8	144
222	A Selective Imidazoline-2-thione-Bearing Two-Photon Fluorescent Probe for Hypochlorous Acid in Mitochondria. <i>Analytical Chemistry</i> , 2016 , 88, 6615-20	7.8	143
221	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
220	A cyanine-based fluorescent sensor for detecting endogenous zinc ions in live cells and organisms. <i>Biomaterials</i> , 2012 , 33, 7818-27	15.6	141

219	A Fluorescent Sensor for Dual-Channel Discrimination between Phosgene and a Nerve-Gas Mimic. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 4729-33	16.4	139
218	An NBD-based colorimetric and fluorescent chemosensor for Zn ²⁺ and its use for detection of intracellular zinc ions. <i>Tetrahedron</i> , 2009 , 65, 2307-2312	2.4	136
217	Remote-Controlled Release of Singlet Oxygen by the Plasmonic Heating of Endoperoxide-Modified Gold Nanorods: Towards a Paradigm Change in Photodynamic Therapy. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 3606-10	16.4	136
216	An aryl-thioether substituted nitrobenzothiadiazole probe for the selective detection of cysteine and homocysteine. <i>Chemical Communications</i> , 2015 , 51, 6518-20	5.8	135
215	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
214	A ratiometric fluorescent probe based on a coumarin-hemicyanine scaffold for sensitive and selective detection of endogenous peroxynitrite. <i>Biosensors and Bioelectronics</i> , 2015 , 64, 285-91	11.8	131
213	Synthesis of a highly HOCl-selective fluorescent probe and its use for imaging HOCl in cells and organisms. <i>Nature Protocols</i> , 2016 , 11, 1219-28	18.8	131
212	Selective homocysteine turn-on fluorescent probes and their bioimaging applications. <i>Chemical Communications</i> , 2014 , 50, 6967-9	5.8	131
211	Simple but effective way to sense pyrophosphate and inorganic phosphate by fluorescence changes. <i>Organic Letters</i> , 2007 , 9, 243-6	6.2	131
210	A review: the trend of progress about pH probes in cell application in recent years. <i>Analyst, The</i> , 2016 , 142, 30-41	5	129
209	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
208	Ratiometric Fluorescence Sensing of Fluoride Ions by an Asymmetric Bidentate Receptor Containing a Boronic Acid and Imidazolium Group. <i>European Journal of Organic Chemistry</i> , 2009 , 2009, 3058-3065	3.2	126
207	Highly effective fluorescent and colorimetric sensors for pyrophosphate over H ₂ PO ₄ ⁻ in 100% aqueous solution. <i>Journal of Organic Chemistry</i> , 2005 , 70, 9603-6	4.2	126
206	Recent progress in stimuli-induced polydiacetylenes for sensing temperature, chemical and biological targets. <i>Chemical Communications</i> , 2016 , 52, 9178-96	5.8	121
205	Intracellular modulation of excited-state dynamics in a chromophore dyad: differential enhancement of photocytotoxicity targeting cancer cells. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 5340-4	16.4	119
204	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
203	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
202	A selenolactone-based fluorescent chemodosimeter to monitor mercury/methylmercury species in vitro and in vivo. <i>Tetrahedron</i> , 2010 , 66, 4016-4021	2.4	112

201	Self-immolative colorimetric, fluorescent and chemiluminescent chemosensors. <i>Chemical Society Reviews</i> , 2018 , 47, 6900-6916	58.5	111
200	Rhodamine hydrazone derivatives based selective fluorescent and colorimetric chemodosimeters for Hg ²⁺ and selective colorimetric chemosensor for Cu ²⁺ . <i>Sensors and Actuators B: Chemical</i> , 2013 , 182, 530-537	8.5	109
199	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
198	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
197	A new imidazolium cavitand for the recognition of dicarboxylates. <i>Organic Letters</i> , 2004 , 6, 4655-8	6.2	103
196	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
195	A two-photon fluorescent probe for specific detection of hydrogen sulfide based on a familiar ESIPT fluorophore bearing AIE characteristics. <i>Chemical Communications</i> , 2017 , 53, 4791-4794	5.8	96
194	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
193	Multiplexed photoluminescent sensors: towards improved disease diagnostics. <i>Chemical Society Reviews</i> , 2017 , 46, 6687-6696	58.5	92
192	Fluorescent imidazolium receptors for the recognition of pyrophosphate. <i>Tetrahedron</i> , 2006 , 62, 6065-6072	9.2	91
191	Recent Strategies to Develop Innovative Photosensitizers for Enhanced Photodynamic Therapy. <i>Chemical Reviews</i> , 2021 , 121, 13454-13619	68.1	90
190	Boronate based fluorescence (ESIPT) probe for peroxyxynitrite. <i>Chemical Communications</i> , 2016 , 52, 12350-12352	5.2	89
189	A new rhodamine derivative bearing benzothiazole and thiocarbonyl moieties as a highly selective fluorescent and colorimetric chemodosimeter for Hg ²⁺ . <i>Sensors and Actuators B: Chemical</i> , 2012 , 161, 948-953	8.5	88
188	Construction and Molecular Understanding of an Unprecedented, Reversibly Thermochromic Bis-Polydiacetylene. <i>Advanced Functional Materials</i> , 2014 , 24, 3699-3705	15.6	88
187	Effective Strategy for Colorimetric and Fluorescence Sensing of Phosgene Based on Small Organic Dyes and Nanofiber Platforms. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 22246-52	9.5	87
186	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
185	One-photon and two-photon sensing of biothiols using a bis-pyrene-Cu(II) ensemble and its application to image GSH in the cells and tissues. <i>Analytical Chemistry</i> , 2015 , 87, 3308-13	7.8	85
184	A viscosity sensitive fluorescent dye for real-time monitoring of mitochondria transport in neurons. <i>Biosensors and Bioelectronics</i> , 2016 , 86, 885-891	11.8	84

183	A Far-Red-Emitting Fluorescence Probe for Sensitive and Selective Detection of Peroxynitrite in Live Cells and Tissues. <i>Analytical Chemistry</i> , 2017 , 89, 10924-10931	7.8	83
182	A Tumor-pH-Responsive Supramolecular Photosensitizer for Activatable Photodynamic Therapy with Minimal Skin Phototoxicity. <i>Theranostics</i> , 2017 , 7, 2746-2756	12.1	83
181	Synthesis of a highly Zn(2+)-selective cyanine-based probe and its use for tracing endogenous zinc ions in cells and organisms. <i>Nature Protocols</i> , 2014 , 9, 1245-54	18.8	81
180	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
179	Design and applications of fluorescent detectors for peroxynitrite. <i>Coordination Chemistry Reviews</i> , 2018 , 374, 36-54	23.2	78
178	Highly Selective and Sensitive Two-Photon Fluorescence Probe for Endogenous Peroxynitrite Detection and Its Applications in Living Cells and Tissues. <i>Analytical Chemistry</i> , 2017 , 89, 8496-8500	7.8	78
177	Recent Progress in Fluorescent Imaging Probes. <i>Sensors</i> , 2015 , 15, 24374-96	3.8	78
176	Chiral Recognition Properties in Complexation of Two Asymmetric Hemispherands. <i>Journal of the American Chemical Society</i> , 1997 , 119, 11796-11806	16.4	78
175	Visualization of endogenous and exogenous hydrogen peroxide using a lysosome-targetable fluorescent probe. <i>Scientific Reports</i> , 2015 , 5, 8488	4.9	77
174	An "Off-On" type UTP/UDP selective fluorescent probe and its application to monitor glycosylation process. <i>Organic Letters</i> , 2009 , 11, 2181-4	6.2	76
173	Aggregation-Induced Fluorescence Probe for Monitoring Membrane Potential Changes in Mitochondria. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 12150-12154	9.5	76
172	Polydiacetylene-based electrospun fibers for detection of HCl gas. <i>Macromolecular Rapid Communications</i> , 2012 , 33, 972-6	4.8	74
171	New fluorescent and colorimetric chemosensors based on the rhodamine and boronic acid groups for the detection of Hg ²⁺ . <i>Tetrahedron Letters</i> , 2010 , 51, 3286-3289	2	74
170	An ES IPT-Based Fluorescence Probe for Colorimetric, Ratiometric, and Selective Detection of Phosgene in Solutions and the Gas Phase. <i>Analytical Chemistry</i> , 2017 , 89, 12596-12601	7.8	73
169	Preparation of a cyanine-based fluorescent probe for highly selective detection of glutathione and its use in living cells and tissues of mice. <i>Nature Protocols</i> , 2015 , 10, 1742-54	18.8	73
168	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
167	Anion-activated, thermoreversible gelation system for the capture, release, and visual monitoring of CO ₂ . <i>Scientific Reports</i> , 2014 , 4, 4593	4.9	72
166	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

165	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
164	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
163	Highly selective ratiometric fluorescent probe for Au ³⁺ and its application to bioimaging. <i>Biosensors and Bioelectronics</i> , 2013 , 49, 438-41	11.8	68
162	Innovative Strategien für die photodynamische Therapie hypoxischer Tumore. <i>Angewandte Chemie</i> , 2018 , 130, 11694-11704	3.6	67
161	An AIE and ESIPT based kinetically resolved fluorescent probe for biothiols. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 2909-2914	7.1	66
160	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
159	Ratiometric Two-Photon Fluorescent Probe for Detecting and Imaging Hypochlorite. <i>Analytical Chemistry</i> , 2018 , 90, 9510-9514	7.8	62
158	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
157	Fluorescent Probes Containing Selenium as a Guest or Host. <i>Chem</i> , 2016 , 1, 674-698	16.2	61
156	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
155	Turn-On Supramolecular Host-Guest Nanosystems as Theranostics for Cancer. <i>Chem</i> , 2019 , 5, 553-574	16.2	60
154	Fluorescent sensing of triphosphate nucleotides via anthracene derivatives. <i>Journal of Organic Chemistry</i> , 2011 , 76, 3805-11	4.2	60
153	Recent Development of Anion Selective Fluorescent Chemosensors. <i>Supramolecular Chemistry</i> , 2007 , 19, 221-227	1.8	60
152	Recent advances in the use of photochromic dyes for photocontrol in biomedicine. <i>Coordination Chemistry Reviews</i> , 2018 , 372, 66-84	23.2	58
151	Cyclic benzobisimidazolium derivative for the selective fluorescent recognition of HSO ₄ ⁻ via a combination of C-H hydrogen bonds and charge interactions. <i>Chemical Science</i> , 2013 , 4, 1765	9.4	57
150	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
149	Fluorescent sensing and discrimination of ATP and ADP based on a unique sandwich assembly of pyrene-adenine-pyrene. <i>Chemistry - an Asian Journal</i> , 2011 , 6, 2114-22	4.5	54
148	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

147	Supramolecular Phthalocyanine Assemblies for Improved Photoacoustic Imaging and Photothermal Therapy. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 8630-8634	16.4	53
146	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
145	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
144	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
143	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
142	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
141	An efficient two-photon fluorescent probe for human NAD(P)H:quinone oxidoreductase (hNQO1) detection and imaging in tumor cells. <i>Chemical Communications</i> , 2017 , 53, 525-528	5.8	49
140	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
139	Colorimetric and Fluorescent Detecting Phosgene by a Second-Generation Chemosensor. <i>Analytical Chemistry</i> , 2018 , 90, 3382-3386	7.8	48
138	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
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3	Titelbild: Intracellular Modulation of Excited-State Dynamics in a Chromophore Dyad: Differential Enhancement of Photocytotoxicity Targeting Cancer Cells (Angew. Chem. 18/2015). <i>Angewandte Chemie</i> , 2015 , 127, 5351-5351	3.6
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