

Jong Seung Kim

List of Publications by Citations

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515
papers

40,010
citations

100
h-index

187
g-index

567
ext. papers

45,431
ext. citations

11.3
avg, IF

7.79
L-index

#	Paper	IF	Citations
515	Fluorescent and colorimetric sensors for detection of lead, cadmium, and mercury ions. <i>Chemical Society Reviews</i> , 2012 , 41, 3210-44	58.5	1744
514	Fluorescent chemosensors based on spiroring-opening of xanthenes and related derivatives. <i>Chemical Reviews</i> , 2012 , 112, 1910-56	68.1	1567
513	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
512	Fluoro- and chromogenic chemodosimeters for heavy metal ion detection in solution and biospecimens. <i>Chemical Reviews</i> , 2010 , 110, 6280-301	68.1	1136
511	Calixarene-derived fluorescent probes. <i>Chemical Reviews</i> , 2007 , 107, 3780-99	68.1	1092
510	Small molecule-based ratiometric fluorescence probes for cations, anions, and biomolecules. <i>Chemical Society Reviews</i> , 2015 , 44, 4185-91	58.5	1061
509	Coumarin-derived Cu(2+)-selective fluorescence sensor: synthesis, mechanisms, and applications in living cells. <i>Journal of the American Chemical Society</i> , 2009 , 131, 2008-12	16.4	904
508	Recent progress in luminescent and colorimetric chemosensors for detection of thiols. <i>Chemical Society Reviews</i> , 2013 , 42, 6019-31	58.5	703
507	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
506	Organic molecule-based photothermal agents: an expanding photothermal therapy universe. <i>Chemical Society Reviews</i> , 2018 , 47, 2280-2297	58.5	626
505	Electrochemical detection of dopamine in the presence of ascorbic acid using graphene modified electrodes. <i>Biosensors and Bioelectronics</i> , 2010 , 25, 2366-9	11.8	583
504	Disulfide-cleavage-triggered chemosensors and their biological applications. <i>Chemical Reviews</i> , 2013 , 113, 5071-109	68.1	566
503	Macro-/micro-environment-sensitive chemosensing and biological imaging. <i>Chemical Society Reviews</i> , 2014 , 43, 4563-601	58.5	560
502	Coumarin-Based Small-Molecule Fluorescent Chemosensors. <i>Chemical Reviews</i> , 2019 , 119, 10403-10519	68.1	437
501	Rhodamine-based Hg ²⁺ -selective chemodosimeter in aqueous solution: fluorescent OFF-ON. <i>Organic Letters</i> , 2007 , 9, 907-10	6.2	413
500	Chromogenic and fluorogenic chemosensors and reagents for anions. A comprehensive review of the year 2009. <i>Chemical Society Reviews</i> , 2011 , 40, 2593-643	58.5	349
499	Hepatocyte-targeting single galactose-appended naphthalimide: a tool for intracellular thiol imaging in vivo. <i>Journal of the American Chemical Society</i> , 2012 , 134, 1316-22	16.4	347

498	Emerging two-dimensional monoelemental materials (Xenes) for biomedical applications. <i>Chemical Society Reviews</i> , 2019 , 48, 2891-2912	58.5	345
497	Mitochondria-immobilized pH-sensitive off-on fluorescent probe. <i>Journal of the American Chemical Society</i> , 2014 , 136, 14136-42	16.4	324
496	Fluorescent bioimaging of pH: from design to applications. <i>Chemical Society Reviews</i> , 2017 , 46, 2076-2096	58.5	322
495	Fluorescent and colorimetric sensors for the detection of humidity or water content. <i>Chemical Society Reviews</i> , 2016 , 45, 1242-56	58.5	311
494	A fluoride-selective PCT chemosensor based on formation of a static pyrene excimer. <i>Organic Letters</i> , 2005 , 7, 4839-42	6.2	304
493	Highly sensitive and selective chemosensor for Hg ²⁺ based on the rhodamine fluorophore. <i>Organic Letters</i> , 2007 , 9, 2501-4	6.2	294
492	Naphthalimide modified rhodamine derivative: ratiometric and selective fluorescent sensor for Cu ²⁺ based on two different approaches. <i>Organic Letters</i> , 2010 , 12, 3852-5	6.2	291
491	A self-calibrating bipartite viscosity sensor for mitochondria. <i>Journal of the American Chemical Society</i> , 2013 , 135, 9181-5	16.4	289
490	An excimer-based, binuclear, on-off switchable calix[4]crown chemosensor. <i>Journal of the American Chemical Society</i> , 2004 , 126, 16499-506	16.4	286
489	A highly selective colorimetric and ratiometric two-photon fluorescent probe for fluoride ion detection. <i>Organic Letters</i> , 2011 , 13, 1190-3	6.2	285
488	Chromogenic/Fluorogenic Ensemble Chemosensing Systems. <i>Chemical Reviews</i> , 2015 , 115, 7893-943	68.1	277
487	A pyrenyl-appended triazole-based calix[4]arene as a fluorescent sensor for Cd ²⁺ and Zn ²⁺ . <i>Journal of Organic Chemistry</i> , 2008 , 73, 8212-8	4.2	277
486	Omnipotent phosphorene: a next-generation, two-dimensional nanoplatfom for multidisciplinary biomedical applications. <i>Chemical Society Reviews</i> , 2018 , 47, 5588-5601	58.5	274
485	Novel optical/electrochemical selective 1,2,3-triazole ring-appended chemosensor for the Al ³⁺ ion. <i>Organic Letters</i> , 2010 , 12, 560-3	6.2	262
484	Small conjugate-based theranostic agents: an encouraging approach for cancer therapy. <i>Chemical Society Reviews</i> , 2015 , 44, 6670-83	58.5	259
483	Direct fluorescence monitoring of the delivery and cellular uptake of a cancer-targeted RGD peptide-appended naphthalimide theragnostic prodrug. <i>Journal of the American Chemical Society</i> , 2012 , 134, 12668-74	16.4	248
482	Gemcitabine-coumarin-biotin conjugates: a target specific theranostic anticancer prodrug. <i>Journal of the American Chemical Society</i> , 2013 , 135, 4567-72	16.4	240
481	A novel strategy to selectively detect Fe(III) in aqueous media driven by hydrolysis of a rhodamine 6G Schiff base. <i>Chemical Communications</i> , 2010 , 46, 1407-9	5.8	236

- 480 Metal ion induced FRET OFF-ON in tren/dansyl-appended rhodamine. *Organic Letters*, **2008**, 10, 213-6 6.2 228
- 479 Nanomolar Hg(II) detection using Nile blue chemodosimeter in biological media. *Organic Letters*, **2009**, 11, 2101-4 6.2 223
- 478 Multifunctional sonosensitizers in sonodynamic cancer therapy. *Chemical Society Reviews*, **2020**, 49, 3244-3261 58.5 220
- 477 Recognition of amino acids by functionalized calixarenes. *Chemical Society Reviews*, **2011**, 40, 2777-96 58.5 220
- 476 Recent development of biotin conjugation in biological imaging, sensing, and target delivery. *Chemical Communications*, **2015**, 51, 10403-18 5.8 216
- 475 Hypoxia-targeted drug delivery. *Chemical Society Reviews*, **2019**, 48, 771-813 58.5 210
- 474 A Mitochondria-Targeted Cryptocyanine-Based Photothermogenic Photosensitizer. *Journal of the American Chemical Society*, **2017**, 139, 9972-9978 16.4 209
- 473 Coumarin-Cu(II) ensemble-based cyanide sensing chemodosimeter. *Organic Letters*, **2011**, 13, 5056-9 6.2 205
- 472 Two-color probe to monitor a wide range of pH values in cells. *Angewandte Chemie - International Edition*, **2013**, 52, 6206-9 16.4 198
- 471 Fluorogenic reaction-based prodrug conjugates as targeted cancer theranostics. *Chemical Society Reviews*, **2018**, 47, 28-52 58.5 197
- 470 A cysteine-selective fluorescent probe for the cellular detection of cysteine. *Biomaterials*, **2012**, 33, 945-536 58.5 195
- 469 Host-guest sensing by calixarenes on the surfaces. *Chemical Society Reviews*, **2012**, 41, 1173-90 58.5 195
- 468 Emerging combination strategies with phototherapy in cancer nanomedicine. *Chemical Society Reviews*, **2020**, 49, 8065-8087 58.5 193
- 467 Recent developments of thiacalixarene based molecular motifs. *Chemical Society Reviews*, **2014**, 43, 4824-4870 58.5 193
- 466 Calix[4]arene-based, Hg²⁺-induced intramolecular fluorescence resonance energy transfer chemosensor. *Journal of Organic Chemistry*, **2007**, 72, 7634-40 4.2 187
- 465 Overcoming the Limits of Hypoxia in Photodynamic Therapy: A Carbonic Anhydrase IX-Targeted Approach. *Journal of the American Chemical Society*, **2017**, 139, 7595-7602 16.4 186
- 464 Coumarin-based thiol chemosensor: synthesis, turn-on mechanism, and its biological application. *Organic Letters*, **2011**, 13, 1498-501 6.2 180
- 463 KCN sensor: unique chromogenic and 'turn-on' fluorescent chemodosimeter: rapid response and high selectivity. *Chemical Communications*, **2011**, 47, 2886-8 5.8 179

462	Revisiting Fluorescent Calixarenes: From Molecular Sensors to Smart Materials. <i>Chemical Reviews</i> , 2019 , 119, 9657-9721	68.1	176
461	An activatable theranostic for targeted cancer therapy and imaging. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 4469-74	16.4	176
460	An activatable prodrug for the treatment of metastatic tumors. <i>Journal of the American Chemical Society</i> , 2014 , 136, 13888-94	16.4	174
459	Disulfide-based multifunctional conjugates for targeted theranostic drug delivery. <i>Accounts of Chemical Research</i> , 2015 , 48, 2935-46	24.3	173
458	Naphthalimide trifluoroacetyl acetate: a hydrazine-selective chemodosimetric sensor. <i>Chemical Science</i> , 2013 , 4, 4121	9.4	173
457	Folate-based near-infrared fluorescent theranostic gemcitabine delivery. <i>Journal of the American Chemical Society</i> , 2013 , 135, 11657-62	16.4	172
456	Beta-vinyl substituted calix[4]pyrrole as a selective ratiometric sensor for cyanide anion. <i>Chemical Communications</i> , 2009 , 189-91	5.8	172
455	Cu ²⁺ -induced intermolecular static excimer formation of pyrenealkylamine. <i>Organic Letters</i> , 2008 , 10, 1963-6	6.2	170
454	Unique hydrogen bonds between 9-anthracenyl hydrogen and anions. <i>Journal of Organic Chemistry</i> , 2004 , 69, 5155-7	4.2	169
453	Rationally designed fluorescence 'turn-on' sensor for Cu ²⁺ . <i>Chemical Communications</i> , 2011 , 47, 3165-7	5.8	152
452	Cu ²⁺ ion-induced self-assembly of pyrenylquinoline with a pyrenyl excimer formation. <i>Organic Letters</i> , 2009 , 11, 3378-81	6.2	152
451	Enhanced NIR radiation-triggered hyperthermia by mitochondrial targeting. <i>Journal of the American Chemical Society</i> , 2015 , 137, 3017-23	16.4	151
450	In Vivo Imaging of Endogenously Produced HClO in Zebrafish and Mice Using a Bright, Photostable Ratiometric Fluorescent Probe. <i>Analytical Chemistry</i> , 2019 , 91, 4172-4178	7.8	151
449	Bifunctional fluorescent calix[4]arene chemosensor for both a cation and an anion. <i>Journal of Organic Chemistry</i> , 2005 , 70, 1463-6	4.2	150
448	An iminocoumarin-Cu(II) ensemble-based chemodosimeter toward thiols. <i>Chemical Communications</i> , 2011 , 47, 5142-4	5.8	149
447	Pyrophosphate-selective fluorescent chemosensor based on 1,8-naphthalimide-DPA-Zn(II) complex and its application for cell imaging. <i>Organic Letters</i> , 2011 , 13, 5294-7	6.2	149
446	Mitochondrial induced and self-monitored intrinsic apoptosis by antitumor theranostic prodrug: in vivo imaging and precise cancer treatment. <i>Journal of the American Chemical Society</i> , 2014 , 136, 17836-43	16.4	146
445	Selectively chemodosimetric detection of Hg(II) in aqueous media. <i>Organic Letters</i> , 2007 , 9, 4515-8	6.2	146

- 444 A PCT-based, pyrene-armed calix[4]crown fluoroionophore. *Journal of Organic Chemistry*, **2006**, 71, 8011-52 146
- 443 Dipyrenylcalix[4]arene—a fluorescence-based chemosensor for trinitroaromatic explosives. *Chemistry - A European Journal*, **2010**, 16, 5895-901 4.8 144
- 442 Chemical sensing of neurotransmitters. *Chemical Society Reviews*, **2014**, 43, 4684-713 58.5 143
- 441 A calix[4]arene strapped calix[4]pyrrole: an ion-pair receptor displaying three different cesium cation recognition modes. *Journal of the American Chemical Society*, **2010**, 132, 5827-36 16.4 143
- 440 A rationally designed fluorescence turn-on probe for the gold(III) ion. *Organic Letters*, **2010**, 12, 932-4 6.2 142
- 439 Crown-6-calix[4]arene-capped calix[4]pyrrole: an ion-pair receptor for solvent-separated CsF ions. *Journal of the American Chemical Society*, **2008**, 130, 13162-6 16.4 140
- 438 Super-resolution fluorescent materials: an insight into design and bioimaging applications. *Chemical Society Reviews*, **2016**, 45, 4651-67 58.5 139
- 437 Pyrene excimer-based calix[4]arene FRET chemosensor for mercury(II). *Journal of Organic Chemistry*, **2010**, 75, 7159-65 4.2 137
- 436 Pyrene-armed calix[4]azacrowns as new fluorescent ionophores: "molecular taekowndo" process via fluorescence change. *Journal of Organic Chemistry*, **2002**, 67, 2348-51 4.2 137
- 435 Mitochondrial thioredoxin-responding off-on fluorescent probe. *Journal of the American Chemical Society*, **2012**, 134, 17314-9 16.4 135
- 434 Molecular modulated cysteine-selective fluorescent probe. *Biomaterials*, **2012**, 33, 8495-502 15.6 131
- 433 Highly effective fluorescent and colorimetric sensors for pyrophosphate over H₂PO₄⁻ in 100% aqueous solution. *Journal of Organic Chemistry*, **2005**, 70, 9603-6 4.2 126
- 432 A materials-science perspective on tackling COVID-19. *Nature Reviews Materials*, **2020**, 1-14 73.3 123
- 431 In situ sprayed NIR-responsive, analgesic black phosphorus-based gel for diabetic ulcer treatment. *Proceedings of the National Academy of Sciences of the United States of America*, **2020**, 117, 28667-28677 11.5 123
- 430 Molecular taekwondo. 2. A new calix[4]azacrown bearing two different binding sites as a new fluorescent ionophore. *Journal of Organic Chemistry*, **2003**, 68, 597-600 4.2 121
- 429 A new fluorescent chemosensor for F⁻ based on inhibition of excited-state intramolecular proton transfer. *Tetrahedron Letters*, **2009**, 50, 983-987 2 119
- 428 Detection of Cu(I) by a Chemodosimeter-Functionalized Monolayer on Mesoporous Silica. *Advanced Materials*, **2008**, 20, 3229-3234 24 118
- 427 Rhodamine-Based Turn-On Fluorescent Chemodosimeter for Cu(II) on Ultrathin Platinum Films as Molecular Switches. *Advanced Materials*, **2008**, 20, 4428-4432 24 116

426	FRET-derived ratiometric fluorescence sensor for Cu ²⁺ . <i>Tetrahedron</i> , 2008 , 64, 1294-1300	2.4	116
425	Recent advances in Gd-chelate based bimodal optical/MRI contrast agents. <i>Chemical Society Reviews</i> , 2015 , 44, 1791-806	58.5	113
424	A regenerative electrochemical sensor based on oligonucleotide for the selective determination of mercury(II). <i>Analyst, The</i> , 2009 , 134, 1857-62	5	112
423	Highly sensitive gold nanoparticle-based colorimetric sensing of mercury(II) through simple ligand exchange reaction in aqueous media. <i>ACS Applied Materials & Interfaces</i> , 2010 , 2, 292-5	9.5	110
422	Unimolecular Photodynamic O-Economizer To Overcome Hypoxia Resistance in Phototherapeutics. <i>Journal of the American Chemical Society</i> , 2020 , 142, 5380-5388	16.4	109
421	Rationally designed fluorescence turn-on sensors: a new design strategy based on orbital control. <i>Inorganic Chemistry</i> , 2010 , 49, 8552-7	5.1	106
420	A cryptand based chemodosimetric probe for naked-eye detection of mercury(II) ion in aqueous medium and its application in live cell imaging. <i>Chemical Communications</i> , 2009 , 4417-9	5.8	104
419	Liposomal Texaphyrin Theranostics for Metastatic Liver Cancer. <i>Journal of the American Chemical Society</i> , 2016 , 138, 16380-16387	16.4	103
418	Fluorescence turn-on sensors for HSO ₄ ⁻ . <i>Chemical Communications</i> , 2009 , 7128-30	5.8	103
417	A naphthalimide-calixarene as a two-faced and highly selective fluorescent chemosensor for Cu ²⁺ or F ⁻ . <i>Tetrahedron Letters</i> , 2007 , 48, 9151-9154	2	101
416	A novel pyrenyl-appended tricalix[4]arene for fluorescence-sensing of Al(III). <i>Tetrahedron</i> , 2007 , 63, 10793-10800	23.1	100
415	Luminophore-immobilized mesoporous silica for selective Hg ²⁺ sensing. <i>Tetrahedron</i> , 2007 , 63, 12087-12092	10.9	99
414	Two-photon absorption properties of alkynyl-conjugated pyrene derivatives. <i>Journal of Organic Chemistry</i> , 2008 , 73, 5127-30	4.2	96
413	Rational design of a multifunctional molecular dye for dual-modal NIR-II/photoacoustic imaging and photothermal therapy. <i>Chemical Science</i> , 2019 , 10, 8348-8353	9.4	95
412	Ion-induced FRET on-off in fluorescent calix[4]arene. <i>Journal of Organic Chemistry</i> , 2007 , 72, 4242-5	4.2	95
411	Indium(III)-induced fluorescent excimer formation and extinction in calix[4]arene-fluoroionophores. <i>Inorganic Chemistry</i> , 2005 , 44, 7866-75	5.1	95
410	Small-molecule fluorescent chemosensors for Hg ²⁺ ion. <i>Analytical Sciences</i> , 2009 , 25, 1271-81	1.7	92
409	Fluoride-sensing calix-luminophores based on regioselective binding. <i>Journal of Organic Chemistry</i> , 2006 , 71, 6611-4	4.2	91

408	Unique blue shift due to the formation of static pyrene excimer: highly selective fluorescent chemosensor for Cu ²⁺ . <i>Tetrahedron Letters</i> , 2006 , 47, 4577-4580	2	91
407	A Nile Red/BODIPY-based bimodal probe sensitive to changes in the micropolarity and microviscosity of the endoplasmic reticulum. <i>Chemical Communications</i> , 2014 , 50, 11672-5	5.8	86
406	Organelle-selective fluorescent Cu ²⁺ ion probes: revealing the endoplasmic reticulum as a reservoir for Cu-overloading. <i>Chemical Communications</i> , 2014 , 50, 3197-200	5.8	85
405	Synthesis and metal ion complexation studies of proton-ionizable calix. <i>Journal of Organic Chemistry</i> , 2000 , 65, 2386-92	4.2	85
404	Fluorescent coumarinyldithiane as a selective chemodosimeter for mercury(II) ion in aqueous solution. <i>Tetrahedron Letters</i> , 2009 , 50, 5958-5961	2	83
403	Effect of nanosized and surface-modified precipitated calcium carbonate on properties of CaCO ₃ /polypropylene nanocomposites. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2009 , 501, 87-93	5.3	83
402	In vivo imaging of α -galactosidase stimulated activity in hepatocellular carcinoma using ligand-targeted fluorescent probe. <i>Biomaterials</i> , 2017 , 122, 83-90	15.6	82
401	A biotin-guided formaldehyde sensor selectively detecting endogenous concentrations in cancerous cells and tissues. <i>Chemical Communications</i> , 2016 , 52, 11247-11250	5.8	80
400	A ratiometric fluorescent probe for detecting hypochlorite in the endoplasmic reticulum. <i>Chemical Communications</i> , 2019 , 55, 2533-2536	5.8	79
399	Controlling cesium cation recognition via cation metathesis within an ion pair receptor. <i>Journal of the American Chemical Society</i> , 2012 , 134, 1782-92	16.4	79
398	Chiral gold nanoparticle-based electrochemical sensor for enantioselective recognition of 3,4-dihydroxyphenylalanine. <i>Chemical Communications</i> , 2010 , 46, 5665-7	5.8	79
397	Multi-wall carbon nanotubes (MWCNTs)-doped polypyrrole DNA biosensor for label-free detection of genetically modified organisms by QCM and EIS. <i>Talanta</i> , 2010 , 80, 1164-9	6.2	79
396	Design and applications of fluorescent detectors for peroxyxynitrite. <i>Coordination Chemistry Reviews</i> , 2018 , 374, 36-54	23.2	78
395	The role of copper ions in pathophysiology and fluorescent sensors for the detection thereof. <i>Chemical Communications</i> , 2015 , 51, 5556-71	5.8	77
394	Ferrocene-appended aryl triazole for electrochemical recognition of phosphate ions. <i>Organic Letters</i> , 2011 , 13, 4386-9	6.2	77
393	Fluorescence ratiometry of monomer/excimer emissions in a space-through PET system. <i>Journal of Organic Chemistry</i> , 2005 , 70, 9288-95	4.2	77
392	Cesium-ion selective electrodes based on calix[4]arene dibenzocrown ethers. <i>Talanta</i> , 1999 , 48, 705-10	6.2	77
391	Hyperbranched calixarenes: synthesis and applications as fluorescent probes. <i>Chemical Communications</i> , 2009 , 4791-802	5.8	76

390	Mitochondria-targeted aggregation induced emission theranostics: crucial importance of activation. <i>Chemical Science</i> , 2016 , 7, 6050-6059	9.4	73
389	Reconsidering azobenzene as a component of small-molecule hypoxia-mediated cancer drugs: A theranostic case study. <i>Biomaterials</i> , 2017 , 115, 104-114	15.6	73
388	KF and CsF recognition and extraction by a calix[4]crown-5 strapped calix[4]pyrrole multitopic receptor. <i>Journal of the American Chemical Society</i> , 2012 , 134, 20837-43	16.4	73
387	Chromofluorescent indicator for intracellular Zn ²⁺ /Hg ²⁺ dynamic exchange. <i>Organic Letters</i> , 2008 , 10, 3801-4	6.2	73
386	Bisindole anchored mesoporous silica nanoparticles for cyanide sensing in aqueous media. <i>Chemical Communications</i> , 2011 , 47, 10918-20	5.8	72
385	Rational design of biotin-disulfide-coumarin conjugates: a cancer targeted thiol probe and bioimaging. <i>Chemical Communications</i> , 2014 , 50, 3044-7	5.8	71
384	Rational Design of in Vivo Tau Tangle-Selective Near-Infrared Fluorophores: Expanding the BODIPY Universe. <i>Journal of the American Chemical Society</i> , 2017 , 139, 13393-13403	16.4	71
383	Shedding light on tau protein aggregation: the progress in developing highly selective fluorophores. <i>Chemical Society Reviews</i> , 2018 , 47, 2249-2265	58.5	70
382	A two-photon excited luminescence of water-soluble rhodamine-platinum(II) complex: fluorescent probe specific for Hg ²⁺ detection in live cell. <i>Talanta</i> , 2010 , 83, 658-62	6.2	69
381	Fluorescent Imaging of Reactive Oxygen and Nitrogen Species Associated with Pathophysiological Processes. <i>CheM</i> , 2020 , 6, 832-866	16.2	69
380	A fluorescence off-on reporter for real time monitoring of gemcitabine delivery to the cancer cells. <i>Chemical Communications</i> , 2013 , 49, 7141-3	5.8	68
379	Rhodamine-based chemosensing monolayers on glass as a facile fluorescent "turn-on" sensing film for selective detection of Pb ²⁺ . <i>Talanta</i> , 2011 , 83, 1359-63	6.2	68
378	Fluoride sensing with a PCT-based calix[4]arene. <i>Tetrahedron Letters</i> , 2006 , 47, 4373-4376	2	68
377	A nano-cocktail of an NIR-II emissive fluorophore and organoplatinum(ii) metallacycle for efficient cancer imaging and therapy. <i>Chemical Science</i> , 2019 , 10, 7023-7028	9.4	67
376	Metal ion sensing novel calix[4]crown fluoroionophore with a two-photon absorption property. <i>Journal of Organic Chemistry</i> , 2006 , 71, 8016-22	4.2	67
375	Toward a chemical marker for inflammatory disease: a fluorescent probe for membrane-localized thioredoxin. <i>Journal of the American Chemical Society</i> , 2014 , 136, 8430-7	16.4	66
374	Fluorescent sensing of pyrophosphate and ATP in 100% aqueous solution using a fluorescein derivative and Mn ²⁺ . <i>Tetrahedron Letters</i> , 2007 , 48, 8683-8686	2	65
373	BODIPY appended cone-calix[4]arene: selective fluorescence changes upon Ca ²⁺ binding. <i>Tetrahedron Letters</i> , 2006 , 47, 7051-7055	2	65

- 372 Chemiluminescent Probe for the In Vitro and In Vivo Imaging of Cancers Over-Expressing NQO1. *Angewandte Chemie - International Edition*, **2019**, 58, 1739-1743 16.4 65
- 371 Reaction-based fluorescent probes for SO₂ derivatives and their biological applications. *Coordination Chemistry Reviews*, **2019**, 388, 310-333 23.2 64
- 370 Regioselective complexation of metal ion in chromogenic calix[4]biscrowns. *Journal of Organic Chemistry*, **2004**, 69, 2902-5 4.2 64
- 369 UV band Splitting of chromogenic azo-coupled calix[4]crown upon cation complexation. *Journal of Organic Chemistry*, **2003**, 68, 1933-7 4.2 63
- 368 Highly selective two-photon imaging of cysteine in cancerous cells and tissues. *Chemical Communications*, **2015**, 51, 14401-4 5.8 62
- 367 A fluorescent chemosensor for Hg(2+) and Cd(2+) ions in aqueous medium under physiological pH and its applications in imaging living cells. *Inorganic Chemistry*, **2015**, 54, 3929-36 5.1 62
- 366 A pellet-type optical nanomaterial of silica-based naphthalimide-DPA-Cu(II) complexes: recyclable fluorescence detection of pyrophosphate. *Chemical Communications*, **2011**, 47, 3568-70 5.8 62
- 365 NIR-II emissive multifunctional AIEgen with single laser-activated synergistic photodynamic/photothermal therapy of cancers and pathogens. *Biomaterials*, **2020**, 259, 120315 15.6 61
- 364 Hypoxia-directed and activated theranostic agent: Imaging and treatment of solid tumor. *Biomaterials*, **2016**, 104, 119-28 15.6 60
- 363 Design, synthesis, and evaluation of peptidyl fluorescent probe for Zn²⁺ in aqueous solution. *Bioorganic and Medicinal Chemistry Letters*, **2007**, 17, 6425-9 2.9 59
- 362 Pnictogens in medicinal chemistry: evolution from erstwhile drugs to emerging layered photonic nanomedicine. *Chemical Society Reviews*, **2021**, 50, 2260-2279 58.5 58
- 361 Nanomaterial designing strategies related to cell lysosome and their biomedical applications: A review. *Biomaterials*, **2019**, 211, 25-47 15.6 57
- 360 Enhancement of electrogenerated chemiluminescence and radical stability by peripheral multidonors on alkynylpyrene derivatives. *Angewandte Chemie - International Edition*, **2009**, 48, 2522-4 16.4 57
- 359 Investigation of Alkali Metal Cation Selectivities of Lariat Ethers by Electrospray Ionization Mass Spectrometry. *Analytical Chemistry*, **1999**, 71, 5493-5500 7.8 57
- 358 Development of a theranostic prodrug for colon cancer therapy by combining ligand-targeted delivery and enzyme-stimulated activation. *Biomaterials*, **2018**, 155, 145-151 15.6 57
- 357 ICT-based Cu(II)-sensing 9,10-anthraquinonecalix[4]crown. *Tetrahedron Letters*, **2009**, 50, 2782-2786 2 56
- 356 ESIPT-based anthraquinonylcalix[4]crown chemosensor for In³⁺. *Tetrahedron Letters*, **2010**, 51, 1947-1951 56
- 355 Selective transport of cesium ion in polymeric CTA membrane containing calixcrown ethers. *Talanta*, **2000**, 52, 1143-8 6.2 56

354	Overcoming barriers in photodynamic therapy harnessing nano-formulation strategies. <i>Chemical Society Reviews</i> , 2021 , 50, 9152-9201	58.5	56
353	Coumarin-decorated Schiff base hydrolysis as an efficient driving force for the fluorescence detection of water in organic solvents. <i>Chemical Communications</i> , 2016 , 52, 8675-8	5.8	55
352	Emerging 2D material-based nanocarrier for cancer therapy beyond graphene. <i>Coordination Chemistry Reviews</i> , 2019 , 400, 213041	23.2	54
351	Calixarene-based chemosensors by means of click chemistry. <i>Chemistry - an Asian Journal</i> , 2014 , 9, 2344-575	4.7	54
350	Cancer Targeted Enzymatic Theranostic Prodrug: Precise Diagnosis and Chemotherapy. <i>Bioconjugate Chemistry</i> , 2016 , 27, 1419-26	6.3	53
349	Calix[4]thiacrowns as ditopic hosts for homo- and heterobinuclear accommodation: first report of a chopsticks-type pi-coordination. <i>Organic Letters</i> , 2007 , 9, 493-6	6.2	52
348	An organic thin-film transistor of high mobility by dielectric surface modification with organic molecule. <i>Applied Physics Letters</i> , 2004 , 85, 6368-6370	3.4	52
347	Chromogenic azo-coupled calix[4]arenes. <i>Journal of Organic Chemistry</i> , 2002 , 67, 1372-5	4.2	52
346	Overcoming Drug Resistance by Targeting Cancer Bioenergetics with an Activatable Prodrug. <i>CheM</i> , 2018 , 4, 2370-2383	16.2	52
345	Fluorescent Probes for Nanoscopic Imaging of Mitochondria. <i>CheM</i> , 2019 , 5, 1697-1726	16.2	51
344	Selective fluoride sensing using organic/inorganic hybrid nanomaterials containing anthraquinone. <i>New Journal of Chemistry</i> , 2008 , 32, 1003	3.6	51
343	Pyrene-appended calix[4]crowned logic gates involving normal and reverse PET: NOR, XNOR and INHIBIT. <i>Tetrahedron</i> , 2004 , 60, 5171-5176	2.4	50
342	An AIE-Based Probe for Rapid and Ultrasensitive Imaging of Plasma Membranes in Biosystems. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 9962-9966	16.4	50
341	Arsenene-mediated multiple independently targeted reactive oxygen species burst for cancer therapy. <i>Nature Communications</i> , 2021 , 12, 4777	17.4	50
340	Targeting Heterogeneous Tumors Using a Multifunctional Molecular Prodrug. <i>Journal of the American Chemical Society</i> , 2019 , 141, 15611-15618	16.4	49
339	Silver ion shuttling in the trimer-mimic thiacalix[4]crown tube. <i>Journal of Organic Chemistry</i> , 2004 , 69, 2877-80	4.2	49
338	Highly selective fluorescence imaging of zinc distribution in HeLa cells and Arabidopsis using a naphthalene-based fluorescent probe. <i>Chemical Communications</i> , 2015 , 51, 7463-5	5.8	48
337	Biotin-guided anticancer drug delivery with acidity-triggered drug release. <i>Chemical Communications</i> , 2015 , 51, 9343-5	5.8	48

- 336 Ultrasound-guided core needle biopsy in salivary glands: A meta-analysis. *Laryngoscope*, **2018**, 128, 118-125 48
- 335 Selective molecular recognition on calixarene-functionalized 3D surfaces. *Chemical Communications*, **2016**, 52, 12685-12693 5.8 48
- 334 Cu(2+)-responsive bimodal (optical/MRI) contrast agent for cellular imaging. *Organic Letters*, **2013**, 15, 4702-5 6.2 48
- 333 Fluorescent turn-on Zn²⁺ sensing in aqueous and cellular media. *Sensors and Actuators B: Chemical*, **2011**, 160, 1489-1493 8.5 48
- 332 Fluorescence imaging of pathophysiological microenvironments. *Chemical Society Reviews*, **2021**, 50, 8887-8902 58.5 48
- 331 Syntheses and conformations of tetrahomodioxacalix[4]arene tetraamides and tetrathioamides. *Journal of Organic Chemistry*, **2002**, 67, 3165-8 4.2 47
- 330 Heterogeneous binuclear complexation of 1,3-alternate Calix. *Journal of Organic Chemistry*, **2000**, 65, 7215-7 4.2 47
- 329 Cancer stem cell-targeted bio-imaging and chemotherapeutic perspective. *Chemical Society Reviews*, **2020**, 49, 7856-7878 58.5 46
- 328 A highly sensitive fluorescent chemosensor for simultaneous determination of Ag(I), Hg(II), and Cu(II) ions: Design, synthesis, characterization and application. *Dyes and Pigments*, **2015**, 116, 89-96 4.6 46
- 327 Characterization of Ultrafast Intramolecular Charge Transfer Dynamics in Pyrenyl Derivatives: Systematic Change of the Number of Peripheral N,N-Dimethylaniline Substituents. *Journal of Physical Chemistry Letters*, **2011**, 2, 818-823 6.4 46
- 326 A Mesoporous, Silica-Immobilized-Nanoparticle Colorimetric Chemosensor for the Detection of Nerve Agents. *Advanced Functional Materials*, **2011**, 21, 4035-4040 15.6 46
- 325 Complexation chemistry. Double- and multi-1,3-alternate-calixcrowns. *Tetrahedron Letters*, **2003**, 44, 993-997 2 46
- 324 Self-association and nitroaromatic-induced deaggregation of pyrene substituted pyridine amides. *Journal of the American Chemical Society*, **2014**, 136, 495-505 16.4 45
- 323 Two novel 1,3-calix[4]azacrowns. *Tetrahedron Letters*, **2000**, 41, 3345-3348 2 45
- 322 A self-assembled amphiphilic imidazolium-based ATP probe. *Chemical Communications*, **2017**, 53, 4342-4345 3.45 44
- 321 Novel 2,2'-bipyridine-modified calix[4]arenes: ratiometric fluorescent chemosensors for Zn²⁺ ion. *Tetrahedron Letters*, **2010**, 51, 3719-3723 2 44
- 320 Modular chemistry. Double- and multi-1,3-alternate-calixcrowns. *Tetrahedron Letters*, **2003**, 44, 805-809 2 43
- 319 A biotin-guided fluorescent-peptide drug delivery system for cancer treatment. *Chemical Communications*, **2014**, 50, 7690-3 5.8 42

318	Precipitation characteristics of uranyl ions at different pHs depending on the presence of carbonate ions and hydrogen peroxide. <i>Environmental Science & Technology</i> , 2009 , 43, 2355-61	10.3	42
317	alpha-CD/crown-appended diazophenol for selective sensing of amines. <i>Organic Letters</i> , 2006 , 8, 3009-12	6.2	42
316	Calix[4]crown in dual sensing functions with FRET. <i>Tetrahedron Letters</i> , 2005 , 46, 8163-8167	2	42
315	A BODIPY-based two-photon fluorescent probe validates tyrosinase activity in live cells. <i>Chemical Communications</i> , 2017 , 53, 11213-11216	5.8	41
314	Advanced biotechnology-assisted precise sonodynamic therapy. <i>Chemical Society Reviews</i> , 2021 , 50, 11237-11248	37.4	41
313	Hydrogel behavior of a sugar-based gelator by introduction of an unsaturated moiety as a hydrophobic group. <i>Organic and Biomolecular Chemistry</i> , 2006 , 4, 2033-8	3.9	40
312	Selective sensing of caesium ions by novel calix[4]arene bis(dibenzocrown) ethers in an aqueous environment. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1998 , 2307-2312		40
311	A bioorthogonal 'turn-on' fluorescent probe for tracking mitochondrial nitroxyl formation. <i>Chemical Communications</i> , 2017 , 53, 1723-1726	5.8	39
310	Fluorescent ratiometry of tetrahomodioxacalix[4]arene pyrenylamides upon cation complexation. <i>Organic Letters</i> , 2006 , 8, 1601-4	6.2	39
309	Diazo-coupled calix[4]arenes for qualitative analytical screening of metal ions. <i>Talanta</i> , 2008 , 74, 1654-86	6.2	37
308	Potassium ion-selective membrane electrodes based on 1,3-alternate calix[4]crown-5-azacrown-5. <i>Talanta</i> , 2003 , 61, 709-16	6.2	37
307	Calixazacrown ethers for copper(II) ion-selective electrode. <i>Talanta</i> , 2001 , 55, 297-304	6.2	37
306	Progress of calixcrowns chemistry. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2009 , 63, 189-193		36
305	Ferrocene-based novel electrochemical chemodosimeter for mercury ion recognition. <i>Tetrahedron Letters</i> , 2011 , 52, 2786-2789	2	36
304	Rapid metal ions shuttling through 1,3-alternate Thiocalix[4]crown tubes. <i>Journal of Organic Chemistry</i> , 2003 , 68, 6720-5	4.2	36
303	Photodynamic therapy for hypoxic tumors: Advances and perspectives. <i>Coordination Chemistry Reviews</i> , 2021 , 438, 213888	23.2	36
302	Azo-based small molecular hypoxia responsive theranostic for tumor-specific imaging and therapy. <i>Journal of Controlled Release</i> , 2018 , 288, 14-22	11.7	35
301	Anion responsive TTF-appended calix[4]arenes. Synthesis and study of two different conformers. <i>Journal of Organic Chemistry</i> , 2011 , 76, 870-4	4.2	35

- 300 Selective sorption and column concentration of alkali-metal cations by carboxylic acid resins with dibenzo-14-crown-4 subunits and their acyclic polyether analogs. *Analytical Chemistry*, **1992**, 64, 815-819 7.8 35
- 299 Harnessing Intramolecular Rotation To Enhance Two-photon Imaging of A β Plaques through Minimizing Background Fluorescence. *Angewandte Chemie - International Edition*, **2019**, 58, 5648-5652 16.4 34
- 298 Ferrocene-based anion receptor bearing amide and triazolium donor groups. *Analyst, The*, **2012**, 137, 4454-7 5 34
- 297 On/off fluorescence switch of a calix[4]arene by metal ion exchange. *Tetrahedron Letters*, **2006**, 47, 3737-3741 34
- 296 Calix[4]arene dibenzocrown ethers as caesium selective extractants. *Journal of the Chemical Society Perkin Transactions II*, **1999**, 837-846 34
- 295 Versatile Types of Inorganic/Organic NIR-IIa/IIb Fluorophores: From Strategic Design toward Molecular Imaging and Theranostics. *Chemical Reviews*, **2021**, 68.1 34
- 294 Enhanced electrogenerated chemiluminescence of phenylethynylpyrene derivatives: use of weakly electron-donating group as a substituent. *Journal of Organic Chemistry*, **2012**, 77, 11007-13 4.2 33
- 293 Rapid responsive palladium sensor under mild condition. *Sensors and Actuators B: Chemical*, **2012**, 171-172, 1277-1282 8.5 33
- 292 Selective removal and quantification of Cu(II) using fluorescent iminocoumarin-functionalized magnetic nanosilica. *Chemical Communications*, **2012**, 48, 5082-4 5.8 33
- 291 Chromogenic indoaniline armed-calix[4]azacrowns. *Journal of Organic Chemistry*, **2002**, 67, 6514-8 4.2 33
- 290 Selective sorption of alkali-metal cations by carboxylic acid resins containing acyclic or cyclic polyether units. *Analytical Chemistry*, **1990**, 62, 2283-2287 7.8 33
- 289 Fluorescent Diagnostic Probes in Neurodegenerative Diseases. *Advanced Materials*, **2020**, 32, e2001945 24 33
- 288 An intramolecular crossed-benzoin reaction based KCN fluorescent probe in aqueous and biological environments. *Chemical Communications*, **2015**, 51, 7709-12 5.8 32
- 287 BODIPY-Coumarin Conjugate as an Endoplasmic Reticulum Membrane Fluidity Sensor and Its Application to ER Stress Models. *Bioconjugate Chemistry*, **2015**, 26, 2474-80 6.3 32
- 286 A calix[2]triazole[2]arene-based fluorescent chemosensor for probing the copper trafficking pathway in Wilson's disease. *Dalton Transactions*, **2014**, 43, 16178-82 4.3 32
- 285 A dipyranyl calixazacrown chemosensor for Mg²⁺. *Tetrahedron*, **2009**, 65, 2818-2823 2.4 32
- 284 Dual colorimetric sensing bis(indolyl)calix[4]crown-6. *Tetrahedron Letters*, **2007**, 48, 2541-2546 2 32
- 283 Dual-functional fluorescent molecular rotor for endoplasmic reticulum microviscosity imaging during reticulophagy. *Chemical Communications*, **2019**, 55, 2453-2456 5.8 31

282	A fluorescent probe for the Fe ³⁺ ion pool in endoplasmic reticulum in liver cells. <i>Dyes and Pigments</i> , 2016 , 130, 245-250	4.6	31
281	Plasmonic-coupling-based sensing by the assembly and disassembly of dipicolylamine-tagged gold nanoparticles induced by complexing with cations and anions. <i>Small</i> , 2012 , 8, 1442-8	11	31
280	Mirror Image Nanostructures of New Chromogenic Azobenzene Gels by Introduction of Alanine Moiety. <i>Chemistry of Materials</i> , 2005 , 17, 6517-6520	9.6	31
279	Calix[4]arenes Bridged with Two Different Crown Ether Loops: Influence of Crown Size on Metal Ion Recognition. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2000 , 37, 359-370		31
278	Combining viscosity-restricted intramolecular motion and mitochondrial targeting leads to selective tumor visualization. <i>Chemical Communications</i> , 2020 , 56, 6684-6687	5.8	30
277	Coumarin Appended Calix[4]arene as a Selective Fluorometric Sensor for Cu ²⁺ Ion in Aqueous Solution. <i>Bulletin of the Korean Chemical Society</i> , 2007 , 28, 682-684	1.2	30
276	A benzocrown-6-calix[4]arene methacrylate copolymer: Selective extraction of caesium ions from a multi-component system. <i>Chemical Science</i> , 2010 , 1, 716	9.4	29
275	An excimer emission approach for patterned fluorescent imaging. <i>Chemical Communications</i> , 2005 , 3427-28	5.8	29
274	Can Intracapsular Tonsillectomy Be an Alternative to Classical Tonsillectomy? A Meta-analysis. <i>Otolaryngology - Head and Neck Surgery</i> , 2017 , 157, 178-189	5.5	28
273	An Activatable Theranostic for Targeted Cancer Therapy and Imaging. <i>Angewandte Chemie</i> , 2014 , 126, 4558-4563	3.6	28
272	A fluorescent probe to detect thiol-containing amino acids in solid tumors. <i>Biomaterials</i> , 2014 , 35, 4157-4163	6.6	28
271	Voltammetric studies of thiacalix[4]arene and p-tert-butylthiacalix[4]arene and their analytical application. <i>Electrochimica Acta</i> , 2004 , 49, 3759-3763	6.7	28
270	Anion complexation. A ditriphenylphosphonium calix[4]arene derivative as a novel receptor for anions. <i>Tetrahedron Letters</i> , 2004 , 45, 4689-4692	2	28
269	BODIPY Appended Crown Ethers: Selective Fluorescence Changes for Hg ²⁺ Binding. <i>Bulletin of the Korean Chemical Society</i> , 2008 , 29, 1831-1834	1.2	28
268	COX-2 Inhibition mediated anti-angiogenic activatable prodrug potentiates cancer therapy in preclinical models. <i>Biomaterials</i> , 2018 , 185, 63-72	15.6	28
267	Programmed activation of cancer cell apoptosis: A tumor-targeted phototherapeutic topoisomerase I inhibitor. <i>Scientific Reports</i> , 2016 , 6, 29018	4.9	27
266	A colorimetric and fluorescent lighting-up sensor based on ICT coupled with PET for rapid, specific and sensitive detection of nitrite in food. <i>Chemical Communications</i> , 2019 , 55, 9947-9950	5.8	27
265	Anion-induced ring-opening of fluorescein spirolactam: fluorescent OFF-ON. <i>Tetrahedron Letters</i> , 2007 , 48, 3159-3162	2	27

- 264 Metal ion-induced FRET modulation in a bifluorophore system. *Tetrahedron Letters*, **2008**, 49, 6141-6144z 27
- 263 A new chromium(III)/p-tert-butylcalix[4]arene/alkylaluminum catalyst system for the preparation of low molecular weight polyethylene. *Applied Catalysis A: General*, **2004**, 258, 173-181 5.1 27
- 262 Cesium ion-selective electrodes based on 1,3-alternate thiacalix[4]biscrown-6,6. *Talanta*, **2004**, 64, 975-80.2 27
- 261 Ion pair-induced conformational motion in calix[4]arene-strapped calix[4]pyrroles. *Chemical Science*, **2015**, 6, 1404-1413 9.4 26
- 260 MDM2-Associated Clusterization-Triggered Emission and Apoptosis Induction Effectuated by a Theranostic Spiropolymer. *Angewandte Chemie - International Edition*, **2020**, 59, 8435-8439 16.4 26
- 259 Transition metal ion selective ortho-ester diazophenylcalix[4]arene. *Talanta*, **2007**, 71, 1294-7 6.2 26
- 258 Silver ion oscillation through calix[4]azacrown tube. *Tetrahedron Letters*, **2001**, 42, 8047-8050 2 26
- 257 AIE based GSH activatable photosensitizer for imaging-guided photodynamic therapy. *Chemical Communications*, **2020**, 56, 10317-10320 5.8 26
- 256 Reactive oxygen species, thiols and enzymes activable AIEgens from single fluorescence imaging to multifunctional theranostics. *Coordination Chemistry Reviews*, **2021**, 427, 213559 23.2 26
- 255 Targeted combinational therapy inducing mitochondrial dysfunction. *Chemical Communications*, **2017**, 53, 1281-1284 5.8 25
- 254 N,N-Dimethylaniline and 1-(trifluoromethyl)benzene-functionalized tetrakis(ethynyl)pyrenes: synthesis, photophysical, electrochemical and computational studies. *Tetrahedron*, **2012**, 68, 1704-1711 2.4 25
- 253 Multisignaling metal sensor: Optical, electrochemical, and electrochemiluminescent responses of cruciform-shaped alkynylpyrene for selective recognition of Fe³⁺. *Sensors and Actuators B: Chemical*, **2013**, 177, 813-817 8.5 25
- 252 Recurrence of sinonasal inverted papilloma following surgical approach: A meta-analysis. *Laryngoscope*, **2017**, 127, 52-58 3.6 25
- 251 Enhanced electrogenerated chemiluminescence of a ruthenium tris(2,2')bipyridyl/triethylamine system on a boron-doped diamond nanograin array. *Chemical Communications*, **2010**, 46, 5793-5 5.8 25
- 250 Synthesis of a tetrahomodioxacalix[4]arene tetraamide and the crystal structure of its lead ion complex. *Journal of Organic Chemistry*, **2001**, 66, 5976-80 4.2 25
- 249 COX-2 targeting indomethacin conjugated fluorescent probe. *Dyes and Pigments*, **2018**, 150, 261-266 4.6 25
- 248 Calixarene-Based Dendrimers. A Timely Review. *Journal of Inclusion Phenomena and Macrocyclic Chemistry*, **2006**, 54, 1-7 24
- 247 Selective extraction of cesium ion with calix[4]arene crown ether through thin sheet supported liquid membranes. *Journal of Membrane Science*, **2001**, 187, 3-11 9.6 24

246	An Ethacrynic Acid-Brominated BODIPY Photosensitizer (EA-BPS) Construct Enhances the Lethality of Reactive Oxygen Species in Hypoxic Tumor-Targeted Photodynamic Therapy. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 3196-3204	16.4	24
245	The effect of acupuncture on postoperative nausea and vomiting after pediatric tonsillectomy: A meta-analysis and systematic review. <i>Laryngoscope</i> , 2016 , 126, 1761-7	3.6	23
244	Multifunctional Fluorescent Nanoprobe for Sequential Detections of Hg Ions and Biothiols in Live Cells. <i>ACS Applied Bio Materials</i> , 2018 , 1, 871-878	4.1	23
243	Fe-MCM-41 with highly ordered mesoporous structure and high Fe content: synthesis and application in heterogeneous catalytic wet oxidation of phenol. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2009 , 65, 73-81		23
242	Nanoscale porous organic polymers for drug delivery and advanced cancer theranostics. <i>Chemical Society Reviews</i> , 2021 , 50, 12883-12896	58.5	23
241	Indomethacin-guided cancer selective prodrug conjugate activated by histone deacetylase and tumour-associated protease. <i>Chemical Communications</i> , 2016 , 52, 9965-8	5.8	23
240	Bimodal calix[2]triazole[2]arene fluorescent ionophore. <i>Organic Letters</i> , 2013 , 15, 4058-61	6.2	22
239	A coumarin-naphthalimide hybrid as a dual emissive fluorescent probe for hNQO1. <i>Dyes and Pigments</i> , 2019 , 164, 341-345	4.6	21
238	Capture and metathesis-based release of potassium salts by a multitopic ion receptor. <i>Chemical Communications</i> , 2013 , 49, 2112-4	5.8	21
237	Highly selective in vivo imaging of endogenous/exogenous phosphate ion over ATP and PPI. <i>Chemistry - an Asian Journal</i> , 2015 , 10, 1165-9	4.5	21
236	Evaluation of electrogenerated chemiluminescence from a neutral Ir(III) complex for quantitative analysis in flowing streams. <i>Analyst, The</i> , 2011 , 136, 2151-5	5	21
235	Lead-selective poly(vinyl chloride) membrane electrodes based on acyclic dibenzopolyether diamides. <i>Talanta</i> , 1997 , 44, 1131-5	6.2	21
234	In Vivo Tracking of Phagocytic Immune Cells Using a Dual Imaging Probe with Gadolinium-Enhanced MRI and Near-Infrared Fluorescence. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 10266-73	9.5	21
233	Organic fluorescent probes for stochastic optical reconstruction microscopy (STORM): Recent highlights and future possibilities. <i>Coordination Chemistry Reviews</i> , 2019 , 380, 17-34	23.2	21
232	Sinonasal Hemangioma: Diagnosis, Treatment, and Follow-Up of 37 Patients at a Single Center. <i>Journal of Oral and Maxillofacial Surgery</i> , 2017 , 75, 1775-1783	1.8	20
231	Two-Color Probe to Monitor a Wide Range of pH Values in Cells. <i>Angewandte Chemie</i> , 2013 , 125, 6326-6329	3.29	20
230	Chemiluminescent Probe for the In Vitro and In Vivo Imaging of Cancers Over-Expressing NQO1. <i>Angewandte Chemie</i> , 2019 , 131, 1753-1757	3.6	20
229	Pyrophosphate-triggered nanoaggregates with aggregation-induced emission. <i>Sensors and Actuators B: Chemical</i> , 2017 , 251, 617-623	8.5	19

228	A two-photon fluorescent probe records the intracellular pH through DR logic operation via internal calibration. <i>Sensors and Actuators B: Chemical</i> , 2018 , 268, 195-204	8.5	19
227	An extraordinary cylinder-to-cylinder transition in the aqueous assemblies of fluorescently labeled rod-coil amphiphiles. <i>Journal of the American Chemical Society</i> , 2008 , 130, 13858-9	16.4	19
226	Ion flotation of cadmium(II) and zinc(II) in the presence of proton-ionizable lariat ethers. <i>Analytical Chemistry</i> , 2003 , 75, 2276-9	7.8	19
225	Manganese(II) Texaphyrin: A Paramagnetic Photoacoustic Contrast Agent Activated by Near-IR Light. <i>Journal of the American Chemical Society</i> , 2020 , 142, 16156-16160	16.4	19
224	Nanoscale materials-based platforms for the treatment of bone-related diseases. <i>Matter</i> , 2021 , 4, 2727-2764	17.4	19
223	Mitochondrial relocation of a common synthetic antibiotic: A non-genotoxic approach to cancer therapy. <i>CheM</i> , 2020 , 6, 1408-1419	16.2	18
222	A Lipophilic Acyclic Polyether Dicarboxylic Acid as Pb ²⁺ Carrier in Polymer Inclusion and Bulk Liquid Membranes. <i>Separation Science and Technology</i> , 2000 , 35, 767-778	2.5	18
221	Ionic recognition by proton-ionizable lariat ethers and their polymers. <i>Pure and Applied Chemistry</i> , 1993 , 65, 399-402	2.1	18
220	A Pyrenyl-Appended Triazole-Based Calix[4]arene as a Fluorescent Sensor for Iodide Ion. <i>Bulletin of the Korean Chemical Society</i> , 2010 , 31, 624-629	1.2	18
219	Prodrug-Loaded Zirconium Carbide Nanosheets as a Novel Biophotonic Nanoplatfor for Effective Treatment of Cancer. <i>Advanced Science</i> , 2020 , 7, 2001191	13.6	17
218	Blood-brain barrier-permeable fluorone-labeled dieckmols acting as neuronal ER stress signaling inhibitors. <i>Biomaterials</i> , 2015 , 61, 52-60	15.6	17
217	Spectroscopic and electrochemical studies of two distal diethyl ester azocalix[4]arene derivatives. <i>Journal of Electroanalytical Chemistry</i> , 2009 , 628, 119-124	4.1	17
216	New bifunctional anion-exchange resins for nuclear waste treatment. <i>Reactive and Functional Polymers</i> , 1997 , 35, 75-80	4.6	17
215	Differences in circulating dendritic cell subtypes in pregnant women, cord blood and healthy adult women. <i>Journal of Korean Medical Science</i> , 2009 , 24, 853-9	4.7	17
214	Ratiometry of monomer/excimer emissions of dipyranyl calix[4]arene in aqueous media. <i>Tetrahedron</i> , 2007 , 63, 10788-10792	2.4	17
213	Metallic macrocycle with a 1,3-alternate calix[4]arene phosphorus ligand. <i>Inorganic Chemistry</i> , 2004 , 43, 2906-13	5.1	17
212	A far-red, photo- and bio-stable fluorescent marker selective to the endoplasmic reticulum and its application to tunicamycin-treated HeLa cells. <i>Chemical Communications</i> , 2016 , 52, 7134-7	5.8	17
211	Glycyrrhetic acid as a hepatocyte targeting unit for an anticancer drug delivery system with enhanced cell type selectivity. <i>Chemical Communications</i> , 2018 , 54, 12353-12356	5.8	17

210	A new fluorescent chemosensor for Hg ²⁺ in aqueous solution. <i>Luminescence</i> , 2013 , 28, 222-5	2.5	16
209	A DTTA-ligated uridine-quantum dot conjugate as a bimodal contrast agent for cellular imaging. <i>Chemical Communications</i> , 2012 , 48, 3218-20	5.8	16
208	Super-resolution optical measurement of nanoscale photoacid distribution in lithographic materials. <i>ACS Nano</i> , 2012 , 6, 9496-502	16.7	16
207	Ferrocene-based novel electrochemical In ³⁺ sensor. <i>Tetrahedron Letters</i> , 2011 , 52, 4464-4467	2	16
206	New Calix[4]arene Dibenzo crown Ethers for Selective Sensing of Cesium Ion in an Aqueous Environment. <i>Microchemical Journal</i> , 1998 , 58, 225-235	4.8	16
205	Potassium Sensing Calix[4]arene Crown Ethers. <i>Microchemical Journal</i> , 1998 , 59, 464-471	4.8	16
204	A color version of the Hinsberg test: 1 degrees -3 degrees amine indicator. <i>Chemistry - A European Journal</i> , 2007 , 13, 3082-8	4.8	16
203	Atypical Kawasaki disease presenting as a retropharyngeal abscess. <i>Brazilian Journal of Otorhinolaryngology</i> , 2016 , 82, 484-6	1.6	15
202	Is nonabsorbable nasal packing after septoplasty essential? A meta-analysis. <i>Laryngoscope</i> , 2017 , 127, 1026-1031	3.6	15
201	A rhodamine based fluorescent probe validates substrate and cellular hypoxia specific NADH expression. <i>Chemical Communications</i> , 2019 , 55, 537-540	5.8	15
200	A highly sensitive and fast responsive fluorescent probe for detection of Gold(III) ions based on the AIEgen disaggregation. <i>Dyes and Pigments</i> , 2019 , 160, 647-653	4.6	15
199	PLK1-Targeted Fluorescent Tumor Imaging with High Signal-to-Background Ratio. <i>ACS Sensors</i> , 2017 , 2, 1512-1516	9.2	15
198	Detection of Aβ plaques in mouse brain by using a disaggregation-induced fluorescence-enhancing probe. <i>Chemical Communications</i> , 2014 , 50, 5741-4	5.8	15
197	Metal ion induced FRET On/Off in naphthyl-pyrenyl pendent tetrahomodioxacalix[4]arene. <i>Tetrahedron Letters</i> , 2009 , 50, 2013-2016	2	15
196	Superior anion-binding properties of a cryptand-like oligopyrrolic macrocycle. <i>Chemistry - an Asian Journal</i> , 2010 , 5, 768-72	4.5	15
195	Pb ²⁺ -Sensing Chemo-sensor: Thiacalix[4]crown-based Lumino-ionophore. <i>Bulletin of the Korean Chemical Society</i> , 2004 , 25, 1247-1250	1.2	15
194	Microfluidic Detection of Multiple Heavy Metal Ions Using Fluorescent Chemosensors. <i>Bulletin of the Korean Chemical Society</i> , 2009 , 30, 1173-1176	1.2	15
193	Emetine-Loaded Black Phosphorus Hydrogel Sensitizes Tumor to Photothermal Therapy through Inhibition of Stress Granule Formation. <i>Advanced Functional Materials</i> , 2020 , 30, 2003891	15.6	15

- 192 Rationally designed non-enzymatic fluorogenic turn-on probe for uric acid. *Dyes and Pigments*, **2015**, 121, 1-6 4.6 14
- 191 Left-form electrochemical anion chemosensor with amide and triazole donor groups. *Tetrahedron Letters*, **2012**, 53, 4917-4920 2 14
- 190 Selective metal detection in an unsymmetrical 1,3-alternate calix[4]biscrown chemosensor. *Tetrahedron Letters*, **2006**, 47, 1237-1240 2 14
- 189 Smart Acid-Activatable Self-Assembly of Black Phosphorous as Photosensitizer to Overcome Poor Tumor Retention in Photothermal Therapy. *Advanced Functional Materials*, **2020**, 30, 2003338 15.6 14
- 188 A hemicyanine complex for the detection of thiol biomolecules by fluorescence. *Dyes and Pigments*, **2016**, 131, 301-306 4.6 14
- 187 Monoamine oxidase-A targeting probe for prostate cancer imaging and inhibition of metastasis. *Chemical Communications*, **2019**, 55, 13267-13270 5.8 14
- 186 Conditionally Activatable Photoredox Catalysis in Living Systems.. *Journal of the American Chemical Society*, **2021**, 16.4 14
- 185 Calix[n]triazoles and Related Conformational Studies. *Organic Letters*, **2017**, 19, 5509-5512 6.2 13
- 184 A Fluorescent Probe for Stimulated Emission Depletion Super-Resolution Imaging of Vicinal-Dithiol-Proteins on Mitochondrial Membrane. *Bioconjugate Chemistry*, **2018**, 29, 1446-1453 6.3 13
- 183 Modulating the GSH/Trx selectivity of a fluorogenic disulfide-based thiol sensor to reveal diminished GSH levels under ER stress. *Chemical Communications*, **2018**, 54, 8897-8900 5.8 13
- 182 Synthesis of rhodamine-labelled dieckol: its unique intracellular localization and potent anti-inflammatory activity. *Chemical Communications*, **2014**, 50, 13045-8 5.8 13
- 181 Palladium nanoparticle catalyzed conversion of iron nanoparticles into diameter- and length-controlled Fe₂P nanorods. *Angewandte Chemie - International Edition*, **2010**, 49, 5712-6 16.4 13
- 180 A new fluorogenic chemodosimetric system for mercury ion recognition. *Tetrahedron Letters*, **2010**, 51, 5784-5786 2 13
- 179 Two organometallic fragments inclusioned in a 1,3-alternate calix[4]arene tetraphosphane: evidence for transition metal-arene interaction through the cavity. *Inorganic Chemistry*, **2005**, 44, 1846-51¹ 5.1 13
- 178 5-Fluorouracil inhibits nitric oxide production through the inactivation of IkappaB kinase in stomach cancer cells. *Biochemical Pharmacology*, **2002**, 64, 1439-45 6 13
- 177 Intramolecular hydrogen bonding effect on metal ion complexation of homooxalix[4]arene bearing tetraamides. *Tetrahedron*, **2003**, 59, 2403-2407 2.4 13
- 176 Anticoagulant activity of sulfoalkyl derivatives of curdlan. *Archives of Pharmacal Research*, **2001**, 24, 109-13 13
- 175 Ratiometric fluorescent probe for monitoring tyrosinase activity in melanosomes of melanoma cancer cells. *Sensors and Actuators B: Chemical*, **2020**, 319, 128306 8.5 13

174	Direct readout protonophore induced selective uncoupling and dysfunction of individual mitochondria within cancer cells. <i>Chemical Communications</i> , 2019 , 55, 6429-6432	5.8	12
173	Synthetic probes for in vitro purification and in vivo tracking of hepatocytes derived from human pluripotent stem cells. <i>Biomaterials</i> , 2019 , 222, 119431	15.6	12
172	Calix[2]triazole[2]arenes; A Class of Hybrid Heterocalixarenes. <i>European Journal of Organic Chemistry</i> , 2013 , 2013, 4614-4623	3.2	12
171	Uridine-based paramagnetic supramolecular nanoaggregate with high relaxivity capable of detecting primitive liver tumor lesions. <i>Biomaterials</i> , 2011 , 32, 6533-40	15.6	12
170	Imine-functionalized, turn-on fluorophore for DCP. <i>Sensors and Actuators B: Chemical</i> , 2011 , 153, 266-270	8.5	12
169	Direct alkylation of pyrrole with vinyl substituted aromatics: versatile precursors for the synthesis of porphyrinoid macrocycles. <i>Tetrahedron Letters</i> , 2008 , 49, 4138-4141	2	12
168	A series of tetrahomodioxacalix[4]biscrown-n. Syntheses, crystal structures, and metal binding abilities. <i>Journal of Organic Chemistry</i> , 2004 , 69, 6938-41	4.2	12
167	Chemiluminescent properties of copolyesters containing red and blue chromophores. <i>Synthetic Metals</i> , 2002 , 126, 97-104	3.6	12
166	Novel Calix[4]arene Dibenzocrown Ethers Bearing Lipophilic Alkyl Groups Symmetrically Branched. <i>Synthetic Communications</i> , 1998 , 28, 677-685	1.7	12
165	Highly Selective Fluorescent Signaling for Al ³⁺ in Bispyrenyl Polyether. <i>Bulletin of the Korean Chemical Society</i> , 2007 , 28, 811-815	1.2	12
164	Acid-triggered release of doxorubicin from a hydrazone-linked Gd(3+)-texaphyrin conjugate. <i>Chemical Communications</i> , 2016 , 52, 10551-4	5.8	12
163	Targeted tumor detection: guidelines for developing biotinylated diagnostics. <i>Chemical Communications</i> , 2017 , 53, 2154-2157	5.8	11
162	Enhanced sensitivity of fluorescence-based Fe(II) detection by freezing. <i>Chemical Communications</i> , 2019 , 55, 12136-12139	5.8	11
161	Photo-induced cation translocation in a molecular shuttle based on a calix[4]-biscrown including DCM and DMABN chromophores. <i>Chemical Communications</i> , 2015 , 51, 14859-61	5.8	11
160	Exceptional case of Kasha's rule: Emission from higher-lying singlet electron excited states into ground states in coumarin-based biothiol sensing. <i>Dyes and Pigments</i> , 2018 , 152, 118-126	4.6	11
159	BODIPY/Nile-Red-Based Efficient FRET Pair: Selective Assay of Endoplasmic Reticulum Membrane Fluidity. <i>Chemistry - an Asian Journal</i> , 2016 , 11, 527-31	4.5	11
158	Camptothecin delivery into hepatoma cell line by galactose-appended fluorescent drug delivery system. <i>RSC Advances</i> , 2014 , 4, 18744	3.7	11
157	Tren-spaced rhodamine and pyrene fluorophores: Excimer modulation with metal ion complexation. <i>Supramolecular Chemistry</i> , 2009 , 21, 135-141	1.8	11

- 156 Sorption of lead(II) by proton-ionizable polyether resins. *Reactive and Functional Polymers*, **1998**, 36, 125-134 11
- 155 Fluorescent Calix[4]arene-appended Silica Nanotubes as Selective Chemosensor and Adsorbent for Pb²⁺ Ion. *Chemistry Letters*, **2007**, 36, 360-361 1.7 11
- 154 Immobilization of Azacrown Ligand onto a Fluorophore. *Journal of Inclusion Phenomena and Macrocyclic Chemistry*, **2001**, 40, 313-316 11
- 153 Metal ion complexation by acyclic polyethers with lipophilic amide, thioamide, and amine end groups. *Talanta*, **2000**, 51, 99-105 6.2 11
- 152 Metal ion separations with proton-ionizable crown ethers and their polymers. *Supramolecular Chemistry*, **1993**, 1, 305-311 1.8 11
- 151 Al³⁺ Selective Chemosensor: Pyrenyl Polyether Pentant Calix[4]arene. *Bulletin of the Korean Chemical Society*, **2007**, 28, 151-154 1.2 11
- 150 Molecular theranostic based on esterase-mediated drug activation for hepatocellular carcinoma. *Dyes and Pigments*, **2019**, 163, 628-633 4.6 11
- 149 Side-Chain Engineering of Diketopyrrolopyrrole-Based Hole-Transport Materials to Realize High-Efficiency Perovskite Solar Cells. *ACS Applied Materials & Interfaces*, **2021**, 13, 7405-7415 9.5 11
- 148 Effect of duration of diabetes on bone mineral density: a population study on East Asian males. *BMC Endocrine Disorders*, **2018**, 18, 61 3.3 11
- 147 Mitochondrial HS-Mediated Anti-Inflammatory Theranostics. *Nano-Micro Letters*, **2021**, 13, 168 19.5 11
- 146 Real time OFF/ON monitoring of glutathione (GSH) in living cell. *Journal of Inclusion Phenomena and Macrocyclic Chemistry*, **2015**, 82, 117-122 1.7 10
- 145 Defining Bronchial Asthma with Phosphoinositide 3-Kinase Delta Activation: Towards Endotype-Driven Management. *International Journal of Molecular Sciences*, **2019**, 20, 6.3 10
- 144 Analysis of Si wafer coated by spin-on-glass for laser ablation ICP-MS. *Journal of Analytical Atomic Spectrometry*, **2007**, 22, 623 3.7 10
- 143 Synthesis of lariat ether carboxylic acids based on dibenzo-16-crown-5. *Journal of Heterocyclic Chemistry*, **2001**, 38, 311-331 1.9 10
- 142 Novel Calix[4]arene Azacrown Ether. *Synthetic Communications*, **1998**, 28, 2937-2944 1.7 10
- 141 Lead selective lipophilic acyclic diionizable polyethers. *Talanta*, **1999**, 49, 69-75 6.2 10
- 140 Effect of structural variation within sym-(R)dibenzo-16-crown-5-oxyacetic acid resins upon the selectivity and efficiency of alkali-metal cation sorption. *Talanta*, **1991**, 38, 1453-7 6.2 10
- 139 Hg²⁺-induced hydrolysis-based selective fluorescent chemodosimeter. *Arkivoc*, **2010**, 2010, 170-178 0.9 10

138	Cancer-Specific hNQO1-Responsive Biocompatible Naphthalimides Providing a Rapid Fluorescent Turn-On with an Enhanced Enzyme Affinity. <i>Sensors</i> , 2019 , 20,	3.8	10
137	Nanomolar detection of adenosine triphosphate (ATP) using a nanostructured fluorescent chemosensing ensemble. <i>Chemical Communications</i> , 2019 , 55, 14135-14138	5.8	10
136	Binary Drug Reinforced First Small-Molecule-Based Prodrug for Synergistic Anticancer Effects.. <i>ACS Applied Bio Materials</i> , 2019 , 2, 3532-3539	4.1	9
135	A dipyrenyl calixazacrown as a selective sensor for Pb ²⁺ . <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2010 , 66, 133-137		9
134	Fluorescent Change Of Pyreneamide Bearing Calix[4]crown-5: Inhibit Logic Gate In K ⁺ -induced Complexation. <i>Supramolecular Chemistry</i> , 2007 , 19, 283-286	1.8	9
133	A Polydiacetylene Supramolecular System that Displays Reversible Thermochromism. <i>Chemistry Letters</i> , 2007 , 36, 682-683	1.7	9
132	1,3-Alternate and C-1,2-Alternate Tetrahomodioxacalix[4]crowns. Crystal Structures and Metal Ion Complexation. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2003 , 46, 97-103		9
131	Luminescence behaviour of calix[4]arenes bearing an increasing number of appended-pyrenes. <i>Tetrahedron Letters</i> , 2005 , 46, 8765-8768	2	9
130	Post-synthetic modifications in porous organic polymers for biomedical and related applications. <i>Chemical Society Reviews</i> , 2021 ,	58.5	9
129	Calixarenes Enhanced as Dendrimers. A Mini Review. <i>Mini-Reviews in Organic Chemistry</i> , 2006 , 3, 219-228	1.7	9
128	Roles of PI3K pan-inhibitors and PI3K- α inhibitors in allergic lung inflammation: a systematic review and meta-analysis. <i>Scientific Reports</i> , 2020 , 10, 7608	4.9	8
127	Could 5-Fluorouracil or Triamcinolone Be an Effective Treatment Option for Keloid After Surgical Excision? A Meta-Analysis. <i>Journal of Oral and Maxillofacial Surgery</i> , 2016 , 74, 1055-60	1.8	8
126	Electrogenerated chemiluminescence of N,N-dimethylamino functionalized tetrakis(phenylethynyl)pyrenes. <i>Tetrahedron</i> , 2013 , 69, 5908-5912	2.4	8
125	Electrochemically programmed chemodosimeter on ultrathin platinum films. <i>Chemical Communications</i> , 2010 , 46, 8448-50	5.8	8
124	Sulphur-enriched thiacalix[4]arenes in the cone conformation: synthesis, crystal structures and cation binding properties. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2008 , 62, 239-250		8
123	Lariat ether alcohols based on dibenzo-16-crown-5. <i>Journal of Heterocyclic Chemistry</i> , 2000 , 37, 1337-1350	0.9	8
122	Activity-based fluorescence probes for pathophysiological peroxynitrite fluxes. <i>Coordination Chemistry Reviews</i> , 2022 , 454, 214356	23.2	8
121	Mupirocin in the Treatment of Staphylococcal Infections in Chronic Rhinosinusitis: A Meta-Analysis. <i>PLoS ONE</i> , 2016 , 11, e0167369	3.7	8

120	A pH-Responsive Glycyrrhetic-Acid-Modified Small-Molecule Conjugate for NIR Imaging of Hepatocellular Carcinoma (HCC). <i>ChemBioChem</i> , 2019 , 20, 614-620	3.8	8
119	Visible to mid IR: A library of multispectral diagnostic imaging. <i>Coordination Chemistry Reviews</i> , 2021 , 426, 213608	23.2	8
118	2D-ultrathin MXene/DOXjade platform for iron chelation chemo-photothermal therapy.. <i>Bioactive Materials</i> , 2022 , 14, 76-85	16.7	8
117	Novel Cyanostilbene-Based Fluorescent Chemoprobe for Hydroxyl Radicals and Its Two-Photon Bioimaging in Living Cells.. <i>ACS Applied Bio Materials</i> , 2019 , 2, 936-942	4.1	7
116	STORM imaging of mitochondrial dynamics using a vicinal-dithiol-proteins-targeted probe. <i>Biomaterials</i> , 2020 , 243, 119938	15.6	7
115	Functionalised azetidines as ligands: species derived by selective alkylation at substituent-nitrogen. <i>Dalton Transactions</i> , 2009 , 443-54	4.3	7
114	Tetradiazo(o-carboxy)phenylcalix[4]arene for Determination of Pb ²⁺ Ion. <i>Bulletin of the Korean Chemical Society</i> , 2007 , 28, 791-794	1.2	7
113	Crown ether-appended calix[2]triazolium[2]arene as a macrocyclic receptor for the recognition of the HPO anion. <i>Chemical Communications</i> , 2020 , 56, 1038-1041	5.8	7
112	Navigating 2D Monoelemental Materials (Xenes) for Cancer Nanomedicine. <i>Matter</i> , 2020 , 3, 12-13	12.7	7
111	Triazolium-promoted highly selective fluorescence Turn-on detection of fluoride ions. <i>Dyes and Pigments</i> , 2016 , 132, 248-254	4.6	7
110	A Small Molecule Strategy for Targeting Cancer Stem Cells in Hypoxic Microenvironments and Preventing Tumorigenesis. <i>Journal of the American Chemical Society</i> , 2021 , 143, 14115-14124	16.4	7
109	Harnessing Intramolecular Rotation To Enhance Two-photon Imaging of Aβ Plaques through Minimizing Background Fluorescence. <i>Angewandte Chemie</i> , 2019 , 131, 5704-5708	3.6	6
108	A selective triarylmethine-based spectroscopic probe for Zn ²⁺ ion monitoring. <i>Dyes and Pigments</i> , 2019 , 171, 107721	4.6	6
107	Development of a reusable colorimetric calcium sensor based on a calix[4]arene-functionalised glass surface. <i>Supramolecular Chemistry</i> , 2013 , 25, 121-126	1.8	6
106	Synthesis of new proton-ionizable dibenzocrown ethers. <i>Journal of Heterocyclic Chemistry</i> , 1998 , 35, 285-292	1.9	6
105	Picolyl Armed C-1,2 Alternate Tetrahomodioxacalix[4]arene Tetraamides. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2003 , 47, 167-171		6
104	Conformational studies of dibenzo-16-crown-5 lariat ethers. <i>Supramolecular Chemistry</i> , 1996 , 6, 327-331	1.8	6
103	Redox reactivity of azathiaferrocenophane complexes with copper(II) and palladium(II). <i>Journal of Organometallic Chemistry</i> , 1994 , 484, 47-51	2.3	6

102	Voltammetric Studies of Diazocalix[4]crown-6 For Metal Ion Sensing. <i>Bulletin of the Korean Chemical Society</i> , 2010 , 31, 3549-3552	1.2	6
101	Atrial natriuretic peptide modulates auditory brainstem response of rat. <i>Acta Oto-Laryngologica</i> , 2015 , 135, 1293-7	1.6	5
100	Mumps Presenting as a Parotid Abscess. <i>Journal of Craniofacial Surgery</i> , 2016 , 27, e233-5	1.2	5
99	Determination of anions in certified reference materials by ion chromatography. <i>Journal of Chromatography A</i> , 1998 , 813, 85-90	4.5	5
98	Syntheses and separating properties of triazacrown and AM18C6 bonded Merrifield peptide resins. <i>European Polymer Journal</i> , 2002 , 38, 2101-2108	5.2	5
97	Cation Recognition by Picolyl-Armed Calix[4]crown-5-azacrown-5s. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2002 , 43, 51-54		5
96	A "boxer glove" contoured laryngeal amyloidosis. <i>Clinical and Experimental Otorhinolaryngology</i> , 2012 , 5, 240-2	3.4	5
95	Sr ²⁺ Ion Selective p-tert-Butylthiacalix[4]arene Bearing Two Distal Amide Units. <i>Bulletin of the Korean Chemical Society</i> , 2008 , 29, 620-622	1.2	5
94	Iminocoumarin-based Hg(II) Ion Probe. <i>Bulletin of the Korean Chemical Society</i> , 2010 , 31, 230-233	1.2	5
93	Fe(III)-Induced FRET-On: Energy Transfer from Rhodamine 6G to Nile Red. <i>Bulletin of the Korean Chemical Society</i> , 2011 , 32, 741-744	1.2	5
92	Phenylthiourea-Conjugated BODIPY as an Efficient Photosensitizer for Tyrosinase-Positive Melanoma-Targeted Photodynamic Therapy.. <i>ACS Applied Bio Materials</i> , 2021 , 4, 2120-2127	4.1	5
91	Harnessing β -fucosidase for cellular senescence imaging. <i>Chemical Science</i> , 2021 , 12, 10054-10062	9.4	5
90	Design, synthesis, and biological evaluation of novel aminopyrimidinylisoindolines as AXL kinase inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018 , 28, 3761-3765	2.9	5
89	Mitochondria-targeted nanotheranostic: Harnessing single-laser-activated dual phototherapeutic processing for hypoxic tumor treatment. <i>Matter</i> , 2021 , 4, 2508-2521	12.7	5
88	Receptor-Level Proximity and Fastening of Ligands Modulates Stem Cell Differentiation. <i>Advanced Functional Materials</i> , 2020 , 30, 2200828	15.6	5
87	Membrane-Targeting Triphenylphosphonium Functionalized Ciprofloxacin for Methicillin-Resistant Staphylococcus aureus (MRSA). <i>Antibiotics</i> , 2020 , 9,	4.9	4
86	A dicyanocoumarin-fused quinolinium based probe for NAD(P)H and its use for detecting glycolysis and hypoxia in living cells and tumor spheroids. <i>Sensors and Actuators B: Chemical</i> , 2020 , 320, 128360	8.5	4
85	Complexing properties of pyrenyl-appended calix[4]arenes towards lanthanides and transition metal cations. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2020 , 97, 187-194	1.7	4

84	Flavin-mediated photo-oxidation for the detection of mitochondrial flavins. <i>Chemical Communications</i> , 2016 , 52, 13487-13490	5.8	4
83	Sinonasal Leiomyoma With Estrogen Receptor Expression. <i>Journal of Craniofacial Surgery</i> , 2015 , 26, e500-2		4
82	Synthesis of quinolinylaminopyrimidines and quinazolinylmethylaminopyrimidines with antiproliferative activity against melanoma cell line. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2015 , 30, 607-14	5.6	4
81	Fluorescent Chemosensors 2007 , 311-333		4
80	Voltammetric studies for cation recognition with thiacalix[4]crown-6s. <i>Journal of Electroanalytical Chemistry</i> , 2008 , 615, 103-109	4.1	4
79	Letters in Organic Chemistry [Calixarene-Based Hyperbranched Molecules with Tameand Sen Ligand Cores]. <i>Letters in Organic Chemistry</i> , 2006 , 3, 426-429	0.6	4
78	Development of a microchip metal ion sensor using dinitro-azocalix[4]azacrown. <i>Microchemical Journal</i> , 2005 , 80, 139-144	4.8	4
77	Cesium Complex of an Unsymmetrical Calix[4]crown-dibenzocrown-6. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2001 , 40, 183-187		4
76	Solvent, N-alkyl substituent and coordination effects on the electrochemistry of 2,11-diaza-5,8-dithia[12](1,1')ferrocenophanes. <i>Journal of Organometallic Chemistry</i> , 1993 , 443, 123-129 ^{2,3}		4
75	Spectrophotometric and Electrochemical Study of Cu ²⁺ -Selective Azocalix[4]arene Bearing p-Carboxyl group. <i>Bulletin of the Korean Chemical Society</i> , 2013 , 34, 3377-3380	1.2	4
74	A Carbazole Based Bimodal "Turn-On" Fluorescent Probe for Biothiols (Cysteine/Homocysteine) and Fluoride: Sensing, Imaging and its Applications. <i>Bulletin of the Korean Chemical Society</i> , 2014 , 35, 3437-3442	1.2	4
73	Calix[4]triazolium based turn-on fluorescent sensing ensemble for selective adenosine monophosphate (AMP) detection. <i>Chemical Communications</i> , 2021 , 57, 12139-12142	5.8	4
72	Mitochondria targeted fluorogenic theranostic agents for cancer therapy. <i>Coordination Chemistry Reviews</i> , 2022 , 452, 214283	23.2	4
71	Self-Activating Therapeutic Nanoparticle: A Targeted Tumor Therapy Using Reactive Oxygen Species Self-Generation and Switch-on Drug Release. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 30359-30372	9.5	4
70	Hg-Promoted Spirolactam Hydrolysis Reaction: A Design Strategy for the Highly Selective Sensing of Hg over other Metal Ions in Aqueous Media. <i>Sensors</i> , 2019 , 19,	3.8	4
69	Fluorescent Probe for Monitoring Hydrogen Peroxide in COX-2-Positive Cancer Cells.. <i>ACS Applied Bio Materials</i> , 2021 , 4, 2073-2079	4.1	4
68	Fluorescent probes in public health and public safety. <i>Coordination Chemistry Reviews</i> , 2021 , 449, 214208	3.2	4
67	Molecular Theranostic Agent with Programmed Activation for Hypoxic Tumors.. <i>ACS Applied Bio Materials</i> , 2019 , 2, 4648-4655	4.1	3

66	Organelle-selective di-(2-picoly)amine-appended water-soluble fluorescent sensors for Cu(II): synthesis, photophysical and in vitro studies. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2015 , 82, 109-116	1.7	3
65	Different characteristics of a single sinonasal inverted papilloma from sequential PET-CT: A case report. <i>Medicine (United States)</i> , 2017 , 96, e9557	1.8	3
64	Fluorescent Calixarene Hosts 2016 , 743-760		3
63	New approach for the reduction of graphene oxide with triphenylphosphine dihalide. <i>RSC Advances</i> , 2016 , 6, 18809-18813	3.7	3
62	Revealing Protein Aggregates under Thapsigargin-Induced ER Stress Using an ER-Targeted Thioflavin. <i>ACS Sensors</i> , 2019 , 4, 2858-2863	9.2	3
61	Sternohyoid muscle syndrome. <i>American Journal of Otolaryngology - Head and Neck Medicine and Surgery</i> , 2015 , 36, 190-4	2.8	3
60	Interaction between p-tetraphenyl tetrahomodioxacalix[4]arene amide derivatives and alkali and alkaline-earth metal cations. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2010 , 66, 153-161		3
59	Synthesis of Lipophilic Acyclic Diionizable Polyethers and Selective Transport of Alkaline-Earth Cations in Bulk Liquid Membrane System. <i>Microchemical Journal</i> , 1997 , 55, 115-121	4.8	3
58	Synthesis and Separating Properties of Tris(Merrifield Peptide Resin). <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2002 , 57, 107-112	1	3
57	Synthesis and Conformational Studies of an Asymmetrical Dibenzo-16-crown-5 Carboxylic Acid. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2000 , 36, 287-299		3
56	Picomolar-sensitive Amyloid fibril fluorophores by tailoring the hydrophobicity of biannulated elongated dioxaborine-dyes.. <i>Bioactive Materials</i> , 2022 , 13, 239-248	16.7	3
55	Substance P and Calcitonin Gene-Related Peptide in the Glands of External Auditory Canal Skin. <i>Clinical and Experimental Otorhinolaryngology</i> , 2017 , 10, 321-324	3.4	3
54	Fluorescent Visualization of Nucleolar G-Quadruplex RNA and Dynamics of Cytoplasm and Intranuclear Viscosity. <i>CCS Chemistry</i> , 2725-2739	7.2	3
53	Medical therapy of maxillary sinus inflammatory myofibroblastic tumors. <i>American Journal of Otolaryngology - Head and Neck Medicine and Surgery</i> , 2016 , 37, 376-8	2.8	3
52	An Ethacrynic Acid-Brominated BODIPY Photosensitizer (EA-BPS) Construct Enhances the Lethality of Reactive Oxygen Species in Hypoxic Tumor-Targeted Photodynamic Therapy. <i>Angewandte Chemie</i> , 2021 , 133, 3233-3241	3.6	3
51	Effect of single-dose intravenous dexamethasone on subjective voice quality after thyroidectomy: A meta-analysis. <i>Medicine (United States)</i> , 2018 , 97, e11832	1.8	3
50	A chemodosimeter-modified carbon nanotube-field effect transistor: toward a highly selective and sensitive electrical sensing platform.. <i>RSC Advances</i> , 2019 , 9, 28414-28420	3.7	2
49	HepG2 Cell Resistance against Camptothecin from a Lysosomal Drug Delivery. <i>Chemistry - an Asian Journal</i> , 2015 , 10, 2695-700	4.5	2

48	Leproma Presenting as a Nasal Cavity Mass. <i>Journal of Craniofacial Surgery</i> , 2015 , 26, e694-5	1.2	2
47	Selective Recognition of Calcium Ion through Liquid Membrane. <i>Microchemical Journal</i> , 1998 , 60, 282-289.8		2
46	1,3-Alternate Calix Tubes 2007 , 135-149		2
45	Oxidative effects of animal-originated porphyrins and riboflavin on cholesterol oxidation in an aqueous model system. <i>JAOCS, Journal of the American Oil Chemists Society</i> , 2001 , 78, 1209-1212	1.8	2
44	6,7-Bis(bromomethyl)-2,11,18,21,24-pentaoxatetracyclo. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2001 , 57, 293-4		2
43	Separation of lithium isotopes by NTOE-bonded Merrifield peptide resin. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2001 , 247, 385-388	1.5	2
42	Separation of lithium isotopes by N4S2 azacrown ion exchanger. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 1999 , 241, 379-382	1.5	2
41	Antihypertensive Effects of 5-(4-Nitrobenzenediazo)-8-benzenesulfonamidoquinoline in Spontaneously Hypertensive Rats. <i>Bulletin of the Korean Chemical Society</i> , 2010 , 31, 3391-3394	1.2	2
40	Multichromatic fluorescence towards aberrant proteinaceous aggregates utilizing benzimidazole-based ICT fluorophores. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2021 , 101, 205	1.7	2
39	Human Glioblastoma Visualization: Triple Receptor-Targeting Fluorescent Complex of Dye, SIWV Tetra-Peptide, and Serum Albumin Protein. <i>ACS Sensors</i> , 2021 , 6, 2270-2280	9.2	2
38	Binary Prodrug of Dichloroacetic Acid and Doxorubicin with Enhanced Anticancer Activity.. <i>ACS Applied Bio Materials</i> , 2021 , 4, 2026-2032	4.1	2
37	Nanoliposomal Ratiometric Fluorescent Probe toward ONOO Flux.. <i>ACS Applied Bio Materials</i> , 2021 , 4, 2080-2088	4.1	2
36	A molecular recognition platform for the simultaneous sensing of diverse chemical weapons. <i>Chemical Science</i> ,	9.4	2
35	Dual-Targeted Nanoreactors and Prodrugs: Hydrogen Peroxide Triggers Oxidative Damage and Prodrug Activation for Synergistic Elimination of Cancer Cells. <i>Advanced Functional Materials</i> , 2200791	15.6	2
34	Mitochondrial targeted AIEgen phototheranostics for bypassing immune barrier via encumbering mitochondria functions.. <i>Biomaterials</i> , 2022 , 283, 121409	15.6	2
33	Pyoderma gangrenosum misdiagnosed as a mucormycosis. <i>American Journal of Otolaryngology - Head and Neck Medicine and Surgery</i> , 2016 , 37, 463-5	2.8	1
32	Highly Active Manganese to C=O Cross-Coupling Reaction for the Synthesis of N-Hydroxyphthalimide Esters. <i>Bulletin of the Korean Chemical Society</i> , 2018 , 39, 829-832	1.2	1
31	Localized nasopharyngeal amyloidosis mimicking malignancy: A case report. <i>Medicine (United States)</i> , 2017 , 96, e7615	1.8	1

30	Synthesis, solid state and solution structures of two isomeric dicopper(II) complexes with functionalized azetidine ligands. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2009 , 65, 59-64		1
29	Calixdendrimers 2007 , 89-107		1
28	Synthesis, conformational studies and inclusion properties of N-substituted tetrahomodiazacalix[4]arenes. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2007 , 58, 353-360		1
27	MAGNESIUM ISOTOPE EFFECTS BY ION EXCHANGE USING 2-AMINOMETHYL-18-CROWN-6 BONDED MERRIFIELD PEPTIDE RESIN. <i>Main Group Metal Chemistry</i> , 2002 , 25,	1.6	1
26	Isomeric sp ² -C-conjugated porous organic polymer-mediated photo- and sono-catalytic detoxification of sulfur mustard simulant under ambient conditions. <i>Matter</i> , 2021 , 4, 3774-3785	12.7	1
25	Extranasopharyngeal Angiofibroma of the Frontal Sinus. <i>Journal of Craniofacial Surgery</i> , 2019 , 30, e432-e433		1
24	Metabolic iron detection through divalent metal transporter 1 and ferroportin mediated cocktail fluorogenic probes. <i>Chemical Communications</i> , 2021 , 57, 7902-7905	5.8	1
23	Fluorescent Diagnostic Probes: Fluorescent Diagnostic Probes in Neurodegenerative Diseases (Adv. Mater. 51/2020). <i>Advanced Materials</i> , 2020 , 32, 2070385	24	0
22	MDM2-Associated Clusterization-Triggered Emission and Apoptosis Induction Effectuated by a Theranostic Spiropolymer. <i>Angewandte Chemie</i> , 2020 , 132, 8513-8517	3.6	0
21	An AIE-Based Probe for Rapid and Ultrasensitive Imaging of Plasma Membranes in Biosystems. <i>Angewandte Chemie</i> , 2020 , 132, 10048-10052	3.6	0
20	Ultrasound activatable antiangiogenic sonosensitizer for VEGFR associated glioblastoma tumor models. <i>Aggregate</i> , 2021 , 2, e97	22.9	0
19	Machine learning-based model for prediction of outcomes in palatal surgery for obstructive sleep apnoea. <i>Clinical Otolaryngology</i> , 2021 , 46, 1242-1246	1.8	0
18	Pyrrole-based photosensitizers for photodynamic therapy Thomas Dougherty award paper. <i>Journal of Porphyrins and Phthalocyanines</i> , 2021 , 25, 773-793	1.8	0
17	Photocatalytic detoxification of a sulfur mustard simulant under realistic conditions by imidazoline-based porous organic polymer composites. <i>Cell Reports Physical Science</i> , 2022 , 100888	6.1	0
16	Self-assemble nanostructured ensembles for detection of guanosine triphosphate based on receptor structure modulated sensitivity and selectivity. <i>Sensors and Actuators B: Chemical</i> , 2022 , 132091	8.5	0
15	Endoscopic Finding of a Dentigerous Cyst. <i>Ear, Nose and Throat Journal</i> , 2019 , 98, 190-191	1	
14	Solid-state structures of sym-dibenzo-16-crown-5 and its derivatives. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2014 , 80, 263-271	1.7	
13	Endoscopic-Assisted Palatal Surgery Via Transoral and Intranasal Approach. <i>Journal of Craniofacial Surgery</i> , 2017 , 28, 501-503	1.2	

- 12 Sinonasal osteoblastomas in the middle turbinate: Two case reports. *Medicine (United States)*, **2017**, 96, e8685 1.8
- 11 Electrochemical Investigation of Anthraquinone-Based Chemodosimeter for Cu²⁺Metal Ion. *Journal of Chemistry*, **2013**, 2013, 1-5 2.3
- 10 Separation of magnesium isotopes by 1-aza-12-crown-4 bonded Merrifield peptide resin. *Korean Journal of Chemical Engineering*, **2001**, 18, 750-754 2.8
- 9 25,27-(6-Tosyl-3,9-dioxa-6-azaundecane-1,11-diylldioxy)-26,28-(3,6,9-trioxaundecane-1,11-diylldioxy)calix[4]arene. *Acta Crystallographica Section C: Crystal Structure Communications*, **2000**, 56 Pt 11, 1369-71
- 8 Picolyl-armed 1,3-alternate calix[4]areneazacrown ethers. *Journal of the Chemical Society, Perkin Transactions 1*, **2001**, 31-36
- 7 Studies on Complexation of Alkaline Earth Metal Cations with Acyclic Polyether Dicarboxylic Acids. *Journal of Chemical & Engineering Data*, **1998**, 43, 1072-1075 2.8
- 6 Synthesis of Acyclic Polyethers Bearing Thioamide End-Groups and Selective Sensing of Silver Ion. *Journal of Inclusion Phenomena and Macrocyclic Chemistry*, **1999**, 34, 321-330
- 5 Separation of lithium isotopes by NDOE bonded Merrifield peptide resin. *Journal of Radioanalytical and Nuclear Chemistry*, **1999**, 242, 215-218 1.5
- 4 Endoscopic finding of two osteomas in the frontal sinus. *Ear, Nose and Throat Journal*, **2018**, 97, E59 1
- 3 Endoscopic view of antrochoanal polyp with a dental implant. *Ear, Nose and Throat Journal*, **2018**, 97, E34-E35 1
- 2 Phosphoinositide 3-kinase-delta could be a biomarker for eosinophilic nasal polyps. *Scientific Reports*, **2018**, 8, 15990 4.9
- 1 Molecular Theranostics for Cancer Therapy **2022**, 181-214