Subodh Kumar

List of Publications by Year
in descending order

152	4,900	101543	128289
papers	citations	36 h-index	60 g-index

157	157	157	4382
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Colorimetric metal ion sensors â€“ A comprehensive review of the years 2011â€“2016. Coordination Chemistry Reviews, 2018, 358, 13-69.	18.8	385
2	Chemodosimeters: An approach for detection and estimation of biologically and medically relevant metal ions, anions and thiols. Coordination Chemistry Reviews, 2012, 256, 1992-2028.	18.8	353
3	Colorimetric metal ion sensors. Tetrahedron, 2011, 67, 9233-9264.	1.9	211
4	Chromofluorescent Probes for Selective Detection of Fluoride and Acetate Ions. Organic Letters, 2008, 10, 5549-5552.	4.6	125
5	Photoactive chemosensors 3 : a unique case of fluorescence enhancement with Cu(ii). Chemical Communications, 2002, , 2840-2841.	4.1	96
6	Diphenylpyrimidinoneâ€“salicylideneamine â€“ new ESIPT based AIEgens with applications in latent fingerprinting. Journal of Materials Chemistry C, 2016, 4, 11180-11189.	5.5	95
7	Single molecular colorimetric probe for simultaneous estimation of Cu2+ and Ni2+. Chemical Communications, 2007, , 3069.	4.1	85
8	Colorimetric and ratiometric fluorescence sensing of fluoride ions based on competitive intra- and intermolecular proton transfer. Tetrahedron Letters, 2007, 48, 3083-3087.	1.4	74
9	Superimposed molecular keypad lock and half-subtractor implications in a single fluorophore. Chemical Communications, 2009, , 3044.	4.1	74
10	Molecular half-subtractor based on 3,3â€²-bis(1H-benzimidazolyl-2-yl)[1,1â€²]binaphthalenyl-2,2â€²-diol. New Journal of Chemistry, 2008, 32, 2074.	2.8	66
11	Self-assembled vesicle and rod-like aggregates of functionalized perylene diimide: reaction-based near-IR intracellular fluorescent probe for selective detection of palladium. Journal of Materials Chemistry B, 2016, 4, 3750-3759.	5.8	66
12	Self-assembled small molecule based fluorescent detection of serum albumin proteins: Clinical detection and cell imaging. Sensors and Actuators B: Chemical, 2018, 255, 478-489.	7.8	65
13	Aggregation Induced Emission Enhancement in Ionic Self-Assembled Aggregates of Benzimidazolium Based Cyclophane and Sodium Dodecylbenzenesulfonate. Organic Letters, 2013, 15, 3400-3403.	4.6	64
14	Chemodosimeters for optical detection of fluoride anion. Coordination Chemistry Reviews, 2020, 405, 213138.	18.8	64
15	Isolation and characterization of 24-Epibrassinolide from Brassica juncea L. and its effects on growth, Ni ion uptake, antioxidant defense of Brassica plants and in vitro cytotoxicity. Acta Physiologiae Plantarum, 2013, 35, 1351-1362.	2.1	63
16	Ultratrace Detection of Nitroaromatics: Picric Acid Responsive Aggregation/Disaggregation of Self-Assembled p-Terphenylbenzimidazolium-Based Molecular Baskets. ACS Applied Materials & Interfaces, 2015, 7, 10491-10500.	8.0	58
17	Triple-signaling mechanisms-based three-in-one multi-channel chemosensor for discriminating Cu²⁺, acetate and ion pair mimicking AND, NOR, INH and IMP logic functions. Journal of Materials Chemistry C, 2015, 3, 5524-5532.	5.5	57
18	A chemodosimeter for ratiometric detection of cyanide in aqueous media and human blood serum. Chemical Communications, 2013, 49, 2667.	4.1	56

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19	8-Hydroxyquinoline based neutral tripodal ionophore as a copper (II) selective electrode and the effect of remote substitutents on electrode properties. Analytica Chimica Acta, 2007, 585, 161-170.	5.4	55
20	Perylene Diimide Appended with 8-Hydroxyquinoline for Ratiometric Detection of Cu2+ Ions and Metal Displacement Driven â€œTurn onâ€•Cyanide Sensing. Journal of Fluorescence, 2014, 24, 909-915.	2.5	55
21	Bay functionalized perylenediimide as a deaggregation based intracellular fluorescent probe for perchlorate. Chemical Communications, 2014, 50, 13994-13997.	4.1	54
22	ESIPT based dual fluorescent sensor and concentration dependent reconfigurable boolean operators. RSC Advances, 2012, 2, 8734.	3.6	53
23	Colorimetric recognition of Cu(ii) by (2-dimethylaminoethyl)amino appended anthracene-9,10-diones in aqueous solutions: deprotonation of aryl amine NH responsible for colour changes. Dalton Transactions, 2006, , 3766.	3.3	52
24	Aminoanthraquinone-based chemosensors: colorimetric molecular logic mimicking molecular trafficking and a setâ€“reset memorized device. Dalton Transactions, 2012, 41, 5217.	3.3	47
25	Photoactive chemosensors 4: a Cu2+ protein cavity mimicking fluorescent chemosensor for selective Cu2+ recognition. Tetrahedron Letters, 2004, 45, 5081-5085.	1.4	46
26	AIE + ESIPT based red fluorescent aggregates for visualization of latent fingerprints. New Journal of Chemistry, 2018, 42, 12900-12907.	2.8	43
27	A differential receptor for selective and quantitative multi-ion analysis for Co2+ and Ni2+/Cu2+. Tetrahedron Letters, 2008, 49, 5067-5069.	1.4	42
28	Ionic Selfâ€Assembled Platform of Perylenediimideâ€“Sodium Dodecylsulfate for Detection of Spermine in Clinical Samples. Chemistry - an Asian Journal, 2017, 12, 890-899.	3.3	41
29	Perylene diimide-based chemosensors emerging in recent years: From design to sensing. TrAC - Trends in Analytical Chemistry, 2021, 138, 116237.	11.4	40
30	Quinones based molecular receptors for recognition of anions and metal ions. Tetrahedron, 2014, 70, 4285-4307.	1.9	39
31	A Cu2+ protein cavity mimicking fluorescent chemosensor for selective Cu2+ recognition: tuning of fluorescence quenching to enhancement through spatial placement of anthracene unit. Tetrahedron, 2007, 63, 11724-11732.	1.9	38
32	N,N-dimethylaminoethylaminoanthrone â€“ A chromofluorogenic chemosensor for estimation of Cu2+ in aqueous medium and HeLa cells imaging. Sensors and Actuators B: Chemical, 2013, 177, 904-912.	7.8	38
33	Self-assembled nanorods of bay functionalized perylenediimide: Cu²⁺ based â€˜turn-onâ€™ response for INH, complementary NOR/OR and TRANSFER logic functions and fluorosolvatochromism. Journal of Materials Chemistry C, 2016, 4, 2488-2497.	5.5	38
34	ZrCl4 catalyzed highly selective and efficient Michael addition of heterocyclic enamines with Î±,Î²-unsaturated olefins. Tetrahedron Letters, 2006, 47, 7001-7005.	1.4	37
35	Phytoconstituents as apoptosis inducing agents: strategy to combat cancer. Cytotechnology, 2016, 68, 531-563.	1.6	37
36	Controllable supramolecular self-assemblies (rodsâ€“wiresâ€“spheres) and ICT/PET based perylene probes for palladium detection in solution and the solid state. New Journal of Chemistry, 2018, 42, 1010-1020.	2.8	37

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37	Self-assembled nanofibers of perylene diimide for the detection of hypochlorite in water, bio-fluids and solid-state: exogenous and endogenous bioimaging of hypochlorite in cells. Journal of Materials Chemistry B, 2020, 8, 125-135.	5.8	37
38	Photonic logic gates based on metal ion and proton induced multiple outputs in 5-chloro-8-hydroxyquinoline based tetrapod. New Journal of Chemistry, 2006, 30, 1553.	2.8	36
39	Tripodal Fluorescent Sensor for Encapsulationâ€Based Detection of Picric Acid in Water. Asian Journal of Organic Chemistry, 2014, 3, 805-813.	2.7	36
40	Dansyl conjugated tripodal AIEEgen for highly selective detection of 2,4,6-trinitrophenol in water and solid state. Sensors and Actuators B: Chemical, 2016, 231, 79-87.	7.8	36
41	Non-covalently anchored multi-walled carbon nanotubes with hexa-decafluorinated zinc phthalocyanine as ppb level chemiresistive chlorine sensor. Applied Surface Science, 2018, 427, 202-209.	6.1	36
42	Novel indium-mediated ternary reactions between indole-3-carboxaldehydesâ€“allyl bromideâ€“enamines: facile synthesis of bisindolyl- and indolyl-heterocyclic alkanes. Tetrahedron Letters, 2003, 44, 2101-2104.	1.4	34
43	A fluorescent chemosensor for detection of perchlorate ions in water. Analyst, The, 2012, 137, 4913.	3.5	34
44	Multifunctional metallo-supramolecular interlocked hexagonal microstructures for the detection of lead and thiols in water. Chemical Communications, 2018, 54, 9482-9485.	4.1	33
45	Perylene diimide-based organic Ï€-motif for differentiating CN^{â^’} and F^{â^’} ions by electron-transfer and desilylation mechanisms: applications to complex logic circuits. New Journal of Chemistry, 2017, 41, 10281-10290.	2.8	32
46	Reversible and fast responding ppb level Cl2 sensor based on noncovalent modified carbon nanotubes with Hexadecafluorinated copper phthalocyanine. Sensors and Actuators B: Chemical, 2018, 255, 87-99.	7.8	32
47	Perylene diimideâ€“Cu²⁺ based fluorescent nanoparticles for the detection of spermine in clinical and food samples: a step toward the development of a diagnostic kit as a POCT tool for spermine. Journal of Materials Chemistry B, 2019, 7, 7218-7227.	5.8	32
48	A diamideâ€“diamine based Cu2+ chromogenic sensor for highly selective visual and spectrophotometric detection. Tetrahedron Letters, 2006, 47, 4109-4112.	1.4	31
49	Synthetic Ionophores. 13. Pyridineâ^’Diamideâ^’Diester Receptors:Â Remarkable Effect of Amide Substituents on Molecular Organization and Ag+Selectivity. Journal of Organic Chemistry, 1996, 61, 7819-7825.	3.2	30
50	A dual-responsive chromo-fluorescent probe for detection of Zn2+ and Fe3+via two different approaches. RSC Advances, 2013, 3, 9189.	3.6	30
51	CNTs based improved chlorine sensor from non-covalently anchored multi-walled carbon nanotubes with hexa-decafluorinated cobalt phthalocyanines. RSC Advances, 2017, 7, 49675-49683.	3.6	30
52	A dual-responsive anthrapyridone-triazole-based probe for selective detection of Ni2+ and Cu2+: A mimetic system for molecular logic gates based on color change. Dyes and Pigments, 2020, 174, 108092.	3.7	30
53	A novel anthrapyridone diamine-based probe for selective and distinctive Cu2+ and Hg2+ sensing in aqueous solution; utility as molecular logic gates. Dyes and Pigments, 2020, 181, 108522.	3.7	30
54	Synthetic ionophores. Part 8. Amideâ€“etherâ€“amine-containing macrocycles: synthesis, transport and binding of metal cations. Journal of the Chemical Society Perkin Transactions 1, 1992, , 3049-3053.	0.9	29

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55	Rate acceleration and diastereoselectivity in chelation-controlled indium-promoted Barbier allylation of pyridine-2- and quinoline-2-imines in aqueous solvents. Tetrahedron Letters, 2004, 45, 3413-3416.	1.4	29
56	A unique â€˜ONâ€“OFFâ€“ONâ€™ switch with two perturbations at two different concentrations of Ag+. Tetrahedron Letters, 2006, 47, 109-112.	1.4	29
57	Three different fluorescent responses to transition metal ions using receptors based on 1,2-bis- and 1,2,4,5-tetrakis-(8-hydroxyquinolinoxymethyl)benzene. Tetrahedron, 2006, 62, 6379-6387.	1.9	28
58	Protonation- and electrostatic-interaction-based fluorescence probes for the selective detection of picric acid (2,4,6-trinitrophenol) â€“ an explosive material. Materials Advances, 2021, 2, 6466-6498.	5.4	28
59	Unique chlorine effect in regioselective one-pot synthesis of 1-alkyl-/allyl-3-(o-chlorobenzyl) uracils: anti-HIV activity of selected uracil derivatives. Tetrahedron, 2006, 62, 5944-5951.	1.9	27
60	Syntheses and anti-cancer activities of 2-[1-(indol-3-yl-/pyrimidin-5-yl-/pyridine-2-yl-/quinolin-2-yl)-but-3-enylamino]-2-phenyl-ethanols. Bioorganic and Medicinal Chemistry, 2007, 15, 2386-2395.	3.0	27
61	Role of ROS and COX-2/iNOS inhibition in cancer chemoprevention: a review. Phytochemistry Reviews, 2012, 11, 309-337.	6.5	27
62	Impact of aggregation on fluorescence sensitivity of molecular probes towards nitroaromatic compounds. Journal of Materials Chemistry C, 2016, 4, 3209-3216.	5.5	27
63	Regio- and stereochemical aspects in synthesis of 2-allyl derivatives of glycolic, mandelic and lactic acids and their iodocyclisations to 3-hydroxy-3,4-dihydrofuran-2(5H)-ones. Tetrahedron, 2005, 61, 8231-8240.	1.9	26
64	â€˜To kill many birds with one stoneâ€™: Addressing half-adder, half-subtractor, demultiplexer, 2-to-4 decoder, comparator, keypad lock with unimolecular system. Sensors and Actuators B: Chemical, 2017, 245, 1004-1014.	7.8	26
65	Heterocalixarenes. 1. Calix[2]uracil[2]arene:Â Synthesis, X-ray Structure, Conformational Analysis, and Binding Character. Journal of Organic Chemistry, 1999, 64, 7717-7726.	3.2	25
66	1-Aminoanthracene-9,10-dione based chromogenic molecular sensors: effect of nature and number of nitrogen atoms on metal ion sensing behavior. Tetrahedron, 2010, 66, 6990-7000.	1.9	25
67	9, 10-Bis(8-Quinolinoxymethyl)Anthraceneâ€”A Fluorescent Sensor for Nanomolar Detection of Cu2+ with Unusual Acid Stability of Cu2+-Complex. Journal of Fluorescence, 2014, 24, 417-424.	2.5	25
68	Pyridoanthrone-based chromo-fluorogenic amphiphiles for selective CNâ¯ detection and their bioimaging application. Sensors and Actuators B: Chemical, 2020, 304, 127396.	7.8	25
69	Regio- and stereochemical aspects in the synthesis of homoallylic alcohols from benzoins and their iodocyclisation to 2,3-diphenyltetrahydrofurans. Tetrahedron, 2006, 62, 4018-4026.	1.9	24
70	1-Toluene-sulfonyl-3-[(3â€²-hydroxy-5â€²-substituted)-Î³-butyrolactone]-indoles: Synthesis, COX-2 inhibition and anti-cancer activities. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 85-89.	2.2	24
71	Near-IR discriminative detection of H2S and Cysteine with 7-nitro-2,1,3-benzoxadiazole-perylenediimide conjugate in water, live cells and solid state: Mimicking IMP, INH and NOR/OR complimentary logic. Journal of Photochemistry and Photobiology A: Chemistry, 2020, 388, 112151.	3.9	24
72	Indium Reagents in Heterocyclic Chemistry. Current Organic Chemistry, 2005, 9, 1205-1235.	1.6	23

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73	Spermine detection from urine and blood serum using ionic self-assembly of benzimidazolium based dipod and dodecylsulfate. Sensors and Actuators B: Chemical, 2018, 270, 552-561.	7.8	23
74	Regioselective synthesis of 1-allyl- and 1-arylmethyl uracil and thymine derivatives. Tetrahedron, 2005, 61, 4009-4014.	1.9	22
75	Dynamic fluorescence quenching by 2,4,6-trinitrophenol in the voids of an aggregation induced emission based fluorescent probe. New Journal of Chemistry, 2017, 41, 8739-8747.	2.8	22
76	Coronene diimide-based self-assembled (fibre-to-disc) fluorescent aggregates for visualization of latent fingerprints. Sensors and Actuators B: Chemical, 2019, 283, 651-658.	7.8	22
77	Antioxidant, Antiproliferative and Apoptosis-Inducing Efficacy of Fractions from Cassia fistula L. Leaves. Antioxidants, 2020, 9, 173.	5.1	22
78	Ratiometric chemosensor for differentiation of TNP from other NACs using distinct blue fluorescence and visualization of latent fingerprints. Journal of Materials Chemistry C, 2021, 9, 1097-1106.	5.5	22
79	Synthetic ionophores part 14: Effect of pyridine and thioether ligating units on Ag+ selectivity in 18-membered diamide -diester macrocycles. Tetrahedron, 1996, 52, 13483-13492.	1.9	21
80	Anthroneamine based chromofluorogenic probes for Hg2+ detection in aqueous solution. Tetrahedron Letters, 2012, 53, 2030-2034.	1.4	21
81	Cascade recognition of Hg²⁺ and cysteine using a naphthalene based ESIPT sensor and its application in a set/reset memorized device. New Journal of Chemistry, 2019, 43, 436-443.	2.8	21
82	Chromofluorogenic naphthoquinolinedione-based probes for sensitive detection and removal of Hg2+ in aqueous solutions. Dyes and Pigments, 2022, 198, 110025.	3.7	21
83	Near-IR region absorbing 1,4-diaminoanthracene-9,10-dione motifÂbasedÂratiometric chemosensors for Cu2+. Tetrahedron, 2008, 64, 3168-3175.	1.9	20
84	Quaternary ammonium salt-based chromogenic and fluorescent chemosensors for fluoride ions. Tetrahedron Letters, 2008, 49, 4265-4268.	1.4	20
85	A differential ICT based molecular probe for multi-ions and multifunction logic circuits. Dalton Transactions, 2012, 41, 4588.	3.3	20
86	Broadband enhancement in absorption cross-section of N719 dye using different anisotropic shaped single crystalline silver nanoparticles. RSC Advances, 2016, 6, 48064-48071.	3.6	20
87	Lab-on-a-Molecule elaboration for fluorescence based discrimination of commercial surfactants sodium dodecyl sulfate and sodium dodecylbenzenesulfonate. Sensors and Actuators B: Chemical, 2017, 241, 8-18.	7.8	20
88	Synthetic ionophores part 19: Synthesis and ionophore character of 2-aminothiophenol based silver selective acyclic and cyclic receptors. Tetrahedron, 1998, 54, 5575-5586.	1.9	19
89	Synthesis and association behaviour of pyridine based 18-membered diamide - diester - thioether macrocycles. Tetrahedron Letters, 1996, 37, 2071-2072.	1.4	18
90	A simple one-step protocol for the olefination of vinylogous formamides. Tetrahedron Letters, 2004, 45, 3409-3412.	1.4	18

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91	1-(4-Nitrophenyl)-benzimidazolium-based ratiometric chromogenic probes for cyanide ion. Tetrahedron Letters, 2009, 50, 4463-4466.	1.4	18
92	Design, synthesis and evaluation of tetrahydropyran based COX-1/-2 inhibitors. European Journal of Medicinal Chemistry, 2009, 44, 1278-1287.	5.5	18
93	2-(p-Nitrophenylthioureido)-3-aminonaphtho-1,4-quinone as a water tolerant Fâ^' anion probe. Sensors and Actuators B: Chemical, 2011, 160, 705-712.	7.8	18
94	Ratiometric fluorophore for quantification of iodide under physiological conditions: applications in urine analysis and live cell imaging. Organic and Biomolecular Chemistry, 2016, 14, 3536-3543.	2.8	18
95	Imidazolium Based Probes for Recognition of Biologically and Medically Relevant Anions. Chemical Record, 2017, 17, 441-471.	5.8	18
96	A multifunctional perylenediimide-based dual-analyte chemodosimeter for specific and rapid detection of H2S and Pd0 in water, biofluids, live cells and solid state. Journal of Photochemistry and Photobiology A: Chemistry, 2020, 388, 112189.	3.9	18
97	Nature of 1-(2-aminoethylamino)-anthracene-9, 10-diones - Cu(II) Interactions Responsible for Striking Colour Changes. Supramolecular Chemistry, 2006, 18, 137-140.	1.2	17
98	Quadruple-signaling (PET, ICT, ESIPT, C N rotation) mechanism-based dual chemosensor for detection of Cu 2+ and Zn 2+ ions: TRANSFER, INH and complimentary OR/NOR logic circuits. Journal of Photochemistry and Photobiology A: Chemistry, 2018, 357, 175-184.	3.9	17
99	5-Substituted-2,3-diphenyltetrahydrofurans: A new class of moderately selective COX-2 inhibitors. Bioorganic and Medicinal Chemistry, 2006, 14, 7910-7916.	3.0	16
100	2,3,5-Substituted tetrahydrofurans as cancer chemopreventives. Part 1: Synthesis and anti-cancer activities of 5-hydroxymethyl-2,3-diaryl-tetrahydro-furan-3-ols. Bioorganic and Medicinal Chemistry, 2007, 15, 3990-3996.	3.0	16
101	Internal electric field driven chromofluorescent chemodosimeter for fluoride ions. Sensors and Actuators B: Chemical, 2010, 145, 1-6.	7.8	16
102	A catalytic chemodosimetric approach for detection of nanomolar cyanide ions in water, blood serum and live cell imaging. Organic and Biomolecular Chemistry, 2015, 13, 11129-11139.	2.8	16
103	Identification and synthesis of novel inhibitors of mycobacterium ATP synthase. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 3454-3459.	2.2	16
104	Fluorescence imaging of surface-versatile latent fingerprints at the second and third level using double ESIPT-based AIE fluorophore. New Journal of Chemistry, 2021, 45, 7705-7713.	2.8	16
105	A simple synthesis of di(uracilyl)aryl methanes and 1,Ï‰-bis[di(uracilyl)methyl]benzenes. Tetrahedron Letters, 2006, 47, 8483-8487.	1.4	15
106	2,3,5-Substituted tetrahydrofurans: COX-2 inhibitory activities of 5-hydroxymethyl-/carboxyl-2,3-diaryl-tetrahydro-furan-3-ols. European Journal of Medicinal Chemistry, 2008, 43, 2792-2799.	5.5	15
107	Synthetic ionophores 16. Synthesis and association behaviour of bis-pyridine tetramide macrocycles: Role of increased preorganisation on Ag+ selectivity. Tetrahedron, 1997, 53, 10841-10850.	1.9	14
108	Novel indium-mediated deoxygenative Î±,Î±-diallylation of indole- and pyrrole-3-carboxaldehydes. Tetrahedron Letters, 2002, 43, 8029-8031.	1.4	14

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109	2, 3-Diaryl-5-ethylsulfanylmethyltetrahydrofurans as a new class of COX-2 inhibitors and cytotoxic agents. Organic and Biomolecular Chemistry, 2008, 6, 2706.	2.8	14
110	Synthesis and characterization of excited state intramolecular proton transfer based 2-hydroxylaryl imidazole fluorescent materials. Synthetic Metals, 2012, 162, 58-63.	3.9	14
111	1-(2-Naphthyl)benzimidazolium based tripod for fluorescence enhancement based recognition of surfactants in water. RSC Advances, 2012, 2, 9969.	3.6	14
112	1-(2-Naphthalenyl)benzimidazolium based fluorescent probe for acetate ion in 90% aqueous buffer. Tetrahedron Letters, 2012, 53, 2248-2252.	1.4	14
113	Antiproliferative and Apoptosis Inducing Effects of Non-Polar Fractions from Lawsonia inermis L. in Cervical (HeLa) Cancer Cells. Physiology and Molecular Biology of Plants, 2015, 21, 249-260.	3.1	14
114	Tailoring of the chlorine sensing properties of substituted metal phthalocyanines non-covalently anchored on single-walled carbon nanotubes. RSC Advances, 2018, 8, 32719-32730.	3.6	14
115	Bis-pyridine-tetramide 18-membered macrocycles. Role of increased preorganisation on selectivity. Tetrahedron Letters, 1997, 38, 131-132.	1.4	13
116	Photoactive chemosensors. Part 1: A 9,10-anthraquinone and 2-aminothiophenol based Cu(II) selective chemosensor. Tetrahedron Letters, 2002, 43, 1097-1099.	1.4	13
117	A fluorescent probe for the selective detection of sulfate ions in water. RSC Advances, 2013, 3, 21856.	3.6	13
118	Water dispersed fluorescent organic aggregates for the picomolar detection of ClO‹sub›4‹/sub›‹sup›â˜'‹/sup›in water, soil and blood serum and the attogram detection of ClO‹sub›4‹/sub›‹sup›â˜'‹/sup›in the solid state by a contact mode method. Journal of Materials Chemistry C, 2016, 4, 7420-7429.	5.5	13
119	Nanomolar Cu‹sup›2+‹/sup›Detection in Water Based on Disassembly of AIEgen: Applications in Blood Serum, Cell Imaging and Complex Logic Circuits. ChemistrySelect, 2016, 1, 6880-6887.	1.5	13
120	Fluorometric differential detection of Zn2+ and Cu2+ by picolylamine appended pyrimidinone-based receptor: Application in mimicking TRANSFER and INH logic gate. Journal of Photochemistry and Photobiology A: Chemistry, 2018, 353, 150-158.	3.9	13
121	Photoactive Chemosensors 2: 8-Hydroxyquinoline Based Cu(II) Selective Fluorescent Tripod. Supramolecular Chemistry, 2003, 15, 65-67.	1.2	12
122	Microstructural (self-assembly) and optical based discrimination of Hg2+, CNâ˜' and Hg(CN)2 ion-pair; Hg2+ promoted-ESIPT assisted guanylation of thiourea. Sensors and Actuators B: Chemical, 2018, 272, 43-52.	7.8	11
123	Heterocalixarenes. Part 4. Synthesis of oxocalix[1]heterocycle[2]arenes: a unique H-bonding network in calix[1]benzimidazol-2-one[2]areneÂ·â€Š1/2 H2Oâ€Šâ€. Journal of the Chemical Society, Perkin Transactions 1, 2000, , 2295-2301.	1.3	10
124	Synthetic ionophores. Part 18: Ag+ selective trithiabenzena- and dithiabenzenapyridinacyclophanesâ€Š1. Journal of the Chemical Society Perkin Transactions II, 1998, , 925-932.	0.9	9
125	Heterocalixarenes Part 3: Bis-oxo-bridged calix[1]cyclicurea[3]arene and calix[1]cyclicurea[1]pyridine[2]arenes. Synthesis, X-ray crystal structure and conformational analysisâ€Š1. Journal of the Chemical Society, Perkin Transactions 1, 2000, , 1037-1043.	1.3	9
126	Structural, optical, and electrical characterization of hot wall epitaxy grown 1-methoxy-8-hydroxy-9,10-anthraquinone films. Journal of Applied Physics, 2001, 89, 7866-7870.	2.5	9

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127	De-novo approach for a unique spiro skeleton-1,7-dioxa-2,6-dioxospiro[4.4]nonanes. Tetrahedron, 2006, 62, 1063-1068.	1.9	9
128	ESIPTâ€Based Dual Chemosensor for Sequential Detection of Cd²⁺/Zn²⁺ and Nucleoside Triphosphates in Water: Application in Logic Gates. ChemistrySelect, 2018, 3, 7840-7848.	1.5	9
129	Targeting Akt/NF-ÎºB/p53 Pathway and Apoptosis Inducing Potential of 1,2-Benzenedicarboxylic Acid, Bis (2-Methyl Propyl) Ester Isolated from Onosma bracteata Wall. against Human Osteosarcoma (MG-63) Cells. Molecules, 2022, 27, 3478.	3.8	9
130	Insights into the photophysics, protonation and Cu²⁺ion coordination behaviour of anthracene-9,10-dione-based chemosensors. Supramolecular Chemistry, 2011, 23, 768-776.	1.2	8
131	Diastereoselective Synthesis of 1-Allyl and 1,2-bis(Allyl)-1,2-diols: Versatile Synthons For Substituted Tetrahydrofuran Derivatives. Synlett, 2001, 2001, 1431-1433.	1.8	7
132	Synthesis, crystal structure and DFT studies of 3,4-bis-(2-chloro-phenyl)-2-oxa-bicyclo [2.2.1] heptan-6-one. Journal of Molecular Structure, 2009, 920, 114-118.	3.6	7
133	A stilbazolium dye-based chromogenic and red-fluorescent probe for recognition of 2,4,6-trinitrophenol in water. New Journal of Chemistry, 2020, 44, 10870-10877.	2.8	7
134	A Chromo-Fluorogenic Naphthoquinolinedione-Based Probe for Dual Detection of Cu2+ and Its Use for Various Water Samples. Molecules, 2022, 27, 785.	3.8	7
135	Title is missing!. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2001, 39, 277-283.	1.6	6
136	2,8,14-trithio[15] m- / p- phenylene crownophanes: Ag+ selective receptors. Tetrahedron Letters, 1996, 37, 3495-3496.	1.4	5
137	Title is missing!. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2000, 37, 371-382.	1.6	5
138	8-Hydroxyquinoline Based Multipodal Systems: Effect of Spatial Placement of 8-Hydroxyquinoline on Metal Ion Recognition. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2007, 58, 89-94.	1.6	5
139	Anthraquinone-based demultiplexer and other multiple operations at the molecular level. Journal of Chemical Sciences, 2014, 126, 49-54.	1.5	5
140	An ESIPT based versatile fluorescent probe for bioimaging live-cells and E. coli under strongly acidic conditions. New Journal of Chemistry, 2021, 45, 19145-19153.	2.8	4
141	Enantioselective resolution of 3-phenylthio-2-propanol with Humicola lanuginosa lipase. Biotechnology Letters, 2000, 22, 1237-1241.	2.2	3
142	Synthesis and photophysical behavior of thia-aza macrocycles with 9-anthracenylmethyl moiety as fluorescent appendage. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2007, 59, 155-165.	1.6	3
143	Comparative analysis of antioxidant and phenolic content of chloroform extract/fraction of Terminalia chebula. Journal of Basic and Clinical Pharmacy, 2011, 2, 115-24.	9.3	2
144	Title is missing!. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 1998, 32, 47-55.	1.6	1

#	Article	IF	Citations
145	CTAB capped silver nanoparticles for plasmonic dye-sensitized solar cell. AIP Conference Proceedings, 2014, , .	0.4	1
146	Silver selective electrodes using ionophores functionalized with thioetherâ€'amideâ€'amine. Journal of Analytical Chemistry, 2017, 72, 191-202.	0.9	1
147	Structural and electrical properties of thermally evaporated 1,4-Bis-(2-hydroxyethylamino)-9,10-anthraquinone films. Journal of Materials Science: Materials in Electronics, 2008, 19, 841-844.	2.2	0
148	A Novel Di(6-aminouracil-5-yl)-arylmethane Derivative as Fluorescence Ratiometric Chemodosimeter for Mercury Detection in Aqueous Solution. ChemistrySelect, 2016, 1, 4229-4234.	1.5	0
149	Bisbenzimidazole based molecule as violet fluorescent material. AIP Conference Proceedings, 2018, , .	0.4	0
150	Efficient blue-violet emitting bisbenzimidazole based molecule. AIP Conference Proceedings, 2020, , .	0.4	0
151	Charge transport properties of single layer imidazole-based devices. AIP Conference Proceedings, 2021, , .	0.4	0
152	Comparative analysis of antioxidant and phenolic content of chloroform extract/fraction of Terminalia chebula. Journal of Basic and Clinical Pharmacy, 2011, 2, 143-9.	9.3	0