

Subodh Kumar

List of Publications by Year in descending order

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152
papers

4,900
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101543

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times ranked

4382
citing authors

#	ARTICLE	IF	CITATIONS
1	Chromofluorogenic naphthoquinolinedione-based probes for sensitive detection and removal of Hg ²⁺ in aqueous solutions. <i>Dyes and Pigments</i> , 2022, 198, 110025.	3.7	21
2	A Chromo-Fluorogenic Naphthoquinolinedione-Based Probe for Dual Detection of Cu ²⁺ and Its Use for Various Water Samples. <i>Molecules</i> , 2022, 27, 785.	3.8	7
3	Targeting Akt/NF- κ B/p53 Pathway and Apoptosis Inducing Potential of 1,2-Benzenedicarboxylic Acid, Bis (2-Methyl Propyl) Ester Isolated from <i>Onosma bracteata</i> Wall. against Human Osteosarcoma (MG-63) Cells. <i>Molecules</i> , 2022, 27, 3478.	3.8	9
4	Ratiometric chemosensor for differentiation of TNP from other NACs using distinct blue fluorescence and visualization of latent fingerprints. <i>Journal of Materials Chemistry C</i> , 2021, 9, 1097-1106.	5.5	22
5	Charge transport properties of single layer imidazole-based devices. <i>AIP Conference Proceedings</i> , 2021, , .	0.4	0
6	Perylene diimide-based chemosensors emerging in recent years: From design to sensing. <i>TrAC - Trends in Analytical Chemistry</i> , 2021, 138, 116237.	11.4	40
7	Fluorescence imaging of surface-versatile latent fingerprints at the second and third level using double ESIPT-based AIE fluorophore. <i>New Journal of Chemistry</i> , 2021, 45, 7705-7713.	2.8	16
8	Protonation- and electrostatic-interaction-based fluorescence probes for the selective detection of picric acid (2,4,6-trinitrophenol) – an explosive material. <i>Materials Advances</i> , 2021, 2, 6466-6498.	5.4	28
9	An ESIPT based versatile fluorescent probe for bioimaging live-cells and <i>E. coli</i> under strongly acidic conditions. <i>New Journal of Chemistry</i> , 2021, 45, 19145-19153.	2.8	4
10	Pyridoanthrone-based chromo-fluorogenic amphiphiles for selective CN ⁻ detection and their bioimaging application. <i>Sensors and Actuators B: Chemical</i> , 2020, 304, 127396.	7.8	25
11	A multifunctional perylenediimide-based dual-analyte chemodosimeter for specific and rapid detection of H ₂ S and Pd ⁰ in water, biofluids, live cells and solid state. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020, 388, 112189.	3.9	18
12	Near-IR discriminative detection of H ₂ S 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. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020, 388, 112151.	3.9	24
13	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. <i>Journal of Materials Chemistry B</i> , 2020, 8, 125-135.	5.8	37
14	A dual-responsive anthrapyridone-triazole-based probe for selective detection of Ni ²⁺ and Cu ²⁺ : A mimetic system for molecular logic gates based on color change. <i>Dyes and Pigments</i> , 2020, 174, 108092.	3.7	30
15	Chemodosimeters for optical detection of fluoride anion. <i>Coordination Chemistry Reviews</i> , 2020, 405, 213138.	18.8	64
16	A novel anthrapyridone diamine-based probe for selective and distinctive Cu ²⁺ and Hg ²⁺ sensing in aqueous solution; utility as molecular logic gates. <i>Dyes and Pigments</i> , 2020, 181, 108522.	3.7	30
17	A stilbazolium dye-based chromogenic and red-fluorescent probe for recognition of 2,4,6-trinitrophenol in water. <i>New Journal of Chemistry</i> , 2020, 44, 10870-10877.	2.8	7
18	Efficient blue-violet emitting bisbenzimidazole based molecule. <i>AIP Conference Proceedings</i> , 2020, , .	0.4	0

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19	Antioxidant, Antiproliferative and Apoptosis-Inducing Efficacy of Fractions from Cassia fistula L. Leaves. <i>Antioxidants</i> , 2020, 9, 173.	5.1	22
20	Cascade recognition of Hg ²⁺ and cysteine using a naphthalene based ESIPT sensor and its application in a set/reset memorized device. <i>New Journal of Chemistry</i> , 2019, 43, 436-443.	2.8	21
21	Perylene diimide-Cu ²⁺ 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. <i>Journal of Materials Chemistry B</i> , 2019, 7, 7218-7227.	5.8	32
22	Coronene diimide-based self-assembled (fibre-to-disc) fluorescent aggregates for visualization of latent fingerprints. <i>Sensors and Actuators B: Chemical</i> , 2019, 283, 651-658.	7.8	22
23	Fluorometric differential detection of Zn ²⁺ and Cu ²⁺ by picolylamine appended pyrimidinone-based receptor: Application in mimicking TRANSFER and INH logic gate. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018, 353, 150-158.	3.9	13
24	Colorimetric metal ion sensors – A comprehensive review of the years 2011–2016. <i>Coordination Chemistry Reviews</i> , 2018, 358, 13-69.	18.8	385
25	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. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018, 357, 175-184.	3.9	17
26	Controllable supramolecular self-assemblies (rods-wires-spheres) and ICT/PET based perylene probes for palladium detection in solution and the solid state. <i>New Journal of Chemistry</i> , 2018, 42, 1010-1020.	2.8	37
27	Reversible and fast responding ppb level Cl ₂ sensor based on noncovalent modified carbon nanotubes with Hexadecafluorinated copper phthalocyanine. <i>Sensors and Actuators B: Chemical</i> , 2018, 255, 87-99.	7.8	32
28	Non-covalently anchored multi-walled carbon nanotubes with hexa-decafluorinated zinc phthalocyanine as ppb level chemiresistive chlorine sensor. <i>Applied Surface Science</i> , 2018, 427, 202-209.	6.1	36
29	Self-assembled small molecule based fluorescent detection of serum albumin proteins: Clinical detection and cell imaging. <i>Sensors and Actuators B: Chemical</i> , 2018, 255, 478-489.	7.8	65
30	Tailoring of the chlorine sensing properties of substituted metal phthalocyanines non-covalently anchored on single-walled carbon nanotubes. <i>RSC Advances</i> , 2018, 8, 32719-32730.	3.6	14
31	Bisbenzimidazole based molecule as violet fluorescent material. <i>AIP Conference Proceedings</i> , 2018, , .	0.4	0
32	Spermine detection from urine and blood serum using ionic self-assembly of benzimidazolium based dipod and dodecylsulfate. <i>Sensors and Actuators B: Chemical</i> , 2018, 270, 552-561.	7.8	23
33	Microstructural (self-assembly) and optical based discrimination of Hg ²⁺ , CN ⁻ and Hg(CN) ₂ ion-pair; Hg ²⁺ promoted-ESIPT assisted guanylation of thiourea. <i>Sensors and Actuators B: Chemical</i> , 2018, 272, 43-52.	7.8	11
34	Multifunctional metallo-supramolecular interlocked hexagonal microstructures for the detection of lead and thiols in water. <i>Chemical Communications</i> , 2018, 54, 9482-9485.	4.1	33
35	ESIPT-Based Dual Chemosensor for Sequential Detection of Cd ²⁺ /Zn ²⁺ and Nucleoside Triphosphates in Water: Application in Logic Gates. <i>ChemistrySelect</i> , 2018, 3, 7840-7848.	1.5	9
36	AIE + ESIPT based red fluorescent aggregates for visualization of latent fingerprints. <i>New Journal of Chemistry</i> , 2018, 42, 12900-12907.	2.8	43

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37	Ionic Self-Assembled Platform of Perylene diimide-Sodium Dodecylsulfate for Detection of Spermine in Clinical Samples. <i>Chemistry - an Asian Journal</i> , 2017, 12, 890-899.	3.3	41
38	“To kill many birds with one stone”™: Addressing half-adder, half-subtractor, demultiplexer, 2-to-4 decoder, comparator, keypad lock with unimolecular system. <i>Sensors and Actuators B: Chemical</i> , 2017, 245, 1004-1014.	7.8	26
39	Dynamic fluorescence quenching by 2,4,6-trinitrophenol in the voids of an aggregation induced emission based fluorescent probe. <i>New Journal of Chemistry</i> , 2017, 41, 8739-8747.	2.8	22
40	Identification and synthesis of novel inhibitors of mycobacterium ATP synthase. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 3454-3459.	2.2	16
41	Silver selective electrodes using ionophores functionalized with thioether amide amine. <i>Journal of Analytical Chemistry</i> , 2017, 72, 191-202.	0.9	1
42	Perylene diimide-based organic ĩ-motif for differentiating CN ³⁻ and F ⁻ ions by electron-transfer and desilylation mechanisms: applications to complex logic circuits. <i>New Journal of Chemistry</i> , 2017, 41, 10281-10290.	2.8	32
43	CNTs based improved chlorine sensor from non-covalently anchored multi-walled carbon nanotubes with hexa-decafluorinated cobalt phthalocyanines. <i>RSC Advances</i> , 2017, 7, 49675-49683.	3.6	30
44	Lab-on-a-Molecule elaboration for fluorescence based discrimination of commercial surfactants sodium dodecyl sulfate and sodium dodecylbenzenesulfonate. <i>Sensors and Actuators B: Chemical</i> , 2017, 241, 8-18.	7.8	20
45	Imidazolium Based Probes for Recognition of Biologically and Medically Relevant Anions. <i>Chemical Record</i> , 2017, 17, 441-471.	5.8	18
46	Water dispersed fluorescent organic aggregates for the picomolar detection of ClO ₄ ⁻ in water, soil and blood serum and the attogram detection of ClO ₄ ⁻ in the solid state by a contact mode method. <i>Journal of Materials Chemistry C</i> , 2016, 4, 7420-7429.	5.5	13
47	Nanomolar Cu ²⁺ Detection in Water Based on Disassembly of AIEgen: Applications in Blood Serum, Cell Imaging and Complex Logic Circuits. <i>ChemistrySelect</i> , 2016, 1, 6880-6887.	1.5	13
48	Broadband enhancement in absorption cross-section of N719 dye using different anisotropic shaped single crystalline silver nanoparticles. <i>RSC Advances</i> , 2016, 6, 48064-48071.	3.6	20
49	Self-assembled vesicle and rod-like aggregates of functionalized perylene diimide: reaction-based near-IR intracellular fluorescent probe for selective detection of palladium. <i>Journal of Materials Chemistry B</i> , 2016, 4, 3750-3759.	5.8	66
50	A Novel Di(6-aminouracil-5-yl)-arylmethane Derivative as Fluorescence Ratiometric Chemodosimeter for Mercury Detection in Aqueous Solution. <i>ChemistrySelect</i> , 2016, 1, 4229-4234.	1.5	0
51	Diphenylpyrimidinone-salicylideneamine ĩ new ESIPT based AIEgens with applications in latent fingerprinting. <i>Journal of Materials Chemistry C</i> , 2016, 4, 11180-11189.	5.5	95
52	Self-assembled nanorods of bay functionalized perylene diimide: Cu ²⁺ based ĩturn-onĩ™ response for INH, complementary NOR/OR and TRANSFER logic functions and fluorosolvatochromism. <i>Journal of Materials Chemistry C</i> , 2016, 4, 2488-2497.	5.5	38
53	Impact of aggregation on fluorescence sensitivity of molecular probes towards nitroaromatic compounds. <i>Journal of Materials Chemistry C</i> , 2016, 4, 3209-3216.	5.5	27
54	Dansyl conjugated tripodal AIEEgen for highly selective detection of 2,4,6-trinitrophenol in water and solid state. <i>Sensors and Actuators B: Chemical</i> , 2016, 231, 79-87.	7.8	36

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55	Ratiometric fluorophore for quantification of iodide under physiological conditions: applications in urine analysis and live cell imaging. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 3536-3543.	2.8	18
56	Phytoconstituents as apoptosis inducing agents: strategy to combat cancer. <i>Cytotechnology</i> , 2016, 68, 531-563.	1.6	37
57	Antiproliferative and Apoptosis Inducing Effects of Non-Polar Fractions from <i>Lawsonia inermis</i> L. in Cervical (HeLa) Cancer Cells. <i>Physiology and Molecular Biology of Plants</i> , 2015, 21, 249-260.	3.1	14
58	Triple-signaling mechanisms-based three-in-one multi-channel chemosensor for discriminating Cu^{2+} , acetate and ion pair mimicking AND, NOR, INH and IMP logic functions. <i>Journal of Materials Chemistry C</i> , 2015, 3, 5524-5532.	5.5	57
59	Ultratrace Detection of Nitroaromatics: Picric Acid Responsive Aggregation/Disaggregation of Self-Assembled <i>p</i> -Terphenylbenzimidazolium-Based Molecular Baskets. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 10491-10500.	8.0	58
60	A catalytic chemodosimetric approach for detection of nanomolar cyanide ions in water, blood serum and live cell imaging. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 11129-11139.	2.8	16
61	CTAB capped silver nanoparticles for plasmonic dye-sensitized solar cell. <i>AIP Conference Proceedings</i> , 2014, . .	0.4	1
62	Anthraquinone-based demultiplexer and other multiple operations at the molecular level. <i>Journal of Chemical Sciences</i> , 2014, 126, 49-54.	1.5	5
63	Quinones based molecular receptors for recognition of anions and metal ions. <i>Tetrahedron</i> , 2014, 70, 4285-4307.	1.9	39
64	Tripodal Fluorescent Sensor for Encapsulation-Based Detection of Picric Acid in Water. <i>Asian Journal of Organic Chemistry</i> , 2014, 3, 805-813.	2.7	36
65	Bay functionalized perylene diimide as a deaggregation based intracellular fluorescent probe for perchlorate. <i>Chemical Communications</i> , 2014, 50, 13994-13997.	4.1	54
66	9, 10-Bis(8-Quinolinoxymethyl)Anthracene—A Fluorescent Sensor for Nanomolar Detection of Cu^{2+} with Unusual Acid Stability of Cu^{2+} -Complex. <i>Journal of Fluorescence</i> , 2014, 24, 417-424.	2.5	25
67	Perylene Diimide Appended with 8-Hydroxyquinoline for Ratiometric Detection of Cu^{2+} Ions and Metal Displacement Driven Turn on-Cyanide Sensing. <i>Journal of Fluorescence</i> , 2014, 24, 909-915.	2.5	55
68	A chemodosimeter for ratiometric detection of cyanide in aqueous media and human blood serum. <i>Chemical Communications</i> , 2013, 49, 2667.	4.1	56
69	Isolation and characterization of 24-Epibrassinolide from <i>Brassica juncea</i> L. and its effects on growth, Ni ion uptake, antioxidant defense of Brassica plants and in vitro cytotoxicity. <i>Acta Physiologiae Plantarum</i> , 2013, 35, 1351-1362.	2.1	63
70	N,N-dimethylaminoethylaminoanthrone—A chromofluorogenic chemosensor for estimation of Cu^{2+} in aqueous medium and HeLa cells imaging. <i>Sensors and Actuators B: Chemical</i> , 2013, 177, 904-912.	7.8	38
71	A dual-responsive chromo-fluorescent probe for detection of Zn^{2+} and Fe^{3+} via two different approaches. <i>RSC Advances</i> , 2013, 3, 9189.	3.6	30
72	Aggregation Induced Emission Enhancement in Ionic Self-Assembled Aggregates of Benzimidazolium Based Cyclophane and Sodium Dodecylbenzenesulfonate. <i>Organic Letters</i> , 2013, 15, 3400-3403.	4.6	64

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73	A fluorescent probe for the selective detection of sulfate ions in water. RSC Advances, 2013, 3, 21856.	3.6	13
74	Aminoanthraquinone-based chemosensors: colorimetric molecular logic mimicking molecular trafficking and a setâ€reset memorized device. Dalton Transactions, 2012, 41, 5217.	3.3	47
75	ESIPT based dual fluorescent sensor and concentration dependent reconfigurable boolean operators. RSC Advances, 2012, 2, 8734.	3.6	53
76	Synthesis and characterization of excited state intramolecular proton transfer based 2-hydroxylaryl imidazole fluorescent materials. Synthetic Metals, 2012, 162, 58-63.	3.9	14
77	1-(2-Naphthyl)benzimidazolium based tripod for fluorescence enhancement based recognition of surfactants in water. RSC Advances, 2012, 2, 9969.	3.6	14
78	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
79	A fluorescent chemosensor for detection of perchlorate ions in water. Analyst, The, 2012, 137, 4913.	3.5	34
80	A differential ICT based molecular probe for multi-ions and multifunction logic circuits. Dalton Transactions, 2012, 41, 4588.	3.3	20
81	Role of ROS and COX-2/iNOS inhibition in cancer chemoprevention: a review. Phytochemistry Reviews, 2012, 11, 309-337.	6.5	27
82	Anthroneamine based chromofluorogenic probes for Hg ²⁺ detection in aqueous solution. Tetrahedron Letters, 2012, 53, 2030-2034.	1.4	21
83	1-(2-Naphthalenyl)benzimidazolium based fluorescent probe for acetate ion in 90% aqueous buffer. Tetrahedron Letters, 2012, 53, 2248-2252.	1.4	14
84	Insights into the photophysics, protonation and Cu ²⁺ ion coordination behaviour of anthracene-9,10-dione-based chemosensors. Supramolecular Chemistry, 2011, 23, 768-776.	1.2	8
85	Colorimetric metal ion sensors. Tetrahedron, 2011, 67, 9233-9264.	1.9	211
86	2-(p-Nitrophenylthioureido)-3-aminonaphtho-1,4-quinone as a water tolerant Fâˆ anion probe. Sensors and Actuators B: Chemical, 2011, 160, 705-712.	7.8	18
87	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
88	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
89	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
90	Internal electric field driven chromofluorescent chemodosimeter for fluoride ions. Sensors and Actuators B: Chemical, 2010, 145, 1-6.	7.8	16

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91	1-(4-Nitrophenyl)-benzimidazolium-based ratiometric chromogenic probes for cyanide ion. <i>Tetrahedron Letters</i> , 2009, 50, 4463-4466.	1.4	18
92	Synthesis, crystal structure and DFT studies of 3,4-bis-(2-chloro-phenyl)-2-oxa-bicyclo [2.2.1] heptan-6-one. <i>Journal of Molecular Structure</i> , 2009, 920, 114-118.	3.6	7
93	Design, synthesis and evaluation of tetrahydropyran based COX-1/2 inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2009, 44, 1278-1287.	5.5	18
94	Superimposed molecular keypad lock and half-subtractor implications in a single fluorophore. <i>Chemical Communications</i> , 2009, , 3044.	4.1	74
95	Structural and electrical properties of thermally evaporated 1,4-Bis-(2-hydroxyethylamino)-9,10-anthraquinone films. <i>Journal of Materials Science: Materials in Electronics</i> , 2008, 19, 841-844.	2.2	0
96	2,3,5-Substituted tetrahydrofurans: COX-2 inhibitory activities of 5-hydroxymethyl-/carboxyl-2,3-diaryl-tetrahydro-furan-3-ols. <i>European Journal of Medicinal Chemistry</i> , 2008, 43, 2792-2799.	5.5	15
97	Near-IR region absorbing 1,4-diaminoanthracene-9,10-dione motif based ratiometric chemosensors for Cu ²⁺ . <i>Tetrahedron</i> , 2008, 64, 3168-3175.	1.9	20
98	Quaternary ammonium salt-based chromogenic and fluorescent chemosensors for fluoride ions. <i>Tetrahedron Letters</i> , 2008, 49, 4265-4268.	1.4	20
99	A differential receptor for selective and quantitative multi-ion analysis for Co ²⁺ and Ni ²⁺ /Cu ²⁺ . <i>Tetrahedron Letters</i> , 2008, 49, 5067-5069.	1.4	42
100	1-Toluene-sulfonyl-3-[(3-hydroxy-5-substituted)-β-butyrolactone]-indoles: Synthesis, COX-2 inhibition and anti-cancer activities. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 85-89.	2.2	24
101	Chromofluorescent Probes for Selective Detection of Fluoride and Acetate Ions. <i>Organic Letters</i> , 2008, 10, 5549-5552.	4.6	125
102	2, 3-Diaryl-5-ethylsulfanylmethyltetrahydrofurans as a new class of COX-2 inhibitors and cytotoxic agents. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 2706.	2.8	14
103	Molecular half-subtractor based on 3,3-bis(1H-benzimidazolyl-2-yl)[1,1'-binaphthalenyl-2,2'-diol. <i>New Journal of Chemistry</i> , 2008, 32, 2074.	2.8	66
104	Single molecular colorimetric probe for simultaneous estimation of Cu ²⁺ and Ni ²⁺ . <i>Chemical Communications</i> , 2007, , 3069.	4.1	85
105	A Cu ²⁺ protein cavity mimicking fluorescent chemosensor for selective Cu ²⁺ recognition: tuning of fluorescence quenching to enhancement through spatial placement of anthracene unit. <i>Tetrahedron</i> , 2007, 63, 11724-11732.	1.9	38
106	Colorimetric and ratiometric fluorescence sensing of fluoride ions based on competitive intra- and intermolecular proton transfer. <i>Tetrahedron Letters</i> , 2007, 48, 3083-3087.	1.4	74
107	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. <i>Bioorganic and Medicinal Chemistry</i> , 2007, 15, 2386-2395.	3.0	27
108	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. <i>Bioorganic and Medicinal Chemistry</i> , 2007, 15, 3990-3996.	3.0	16

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109	8-Hydroxyquinoline based neutral tripodal ionophore as a copper (II) selective electrode and the effect of remote substituents on electrode properties. <i>Analytica Chimica Acta</i> , 2007, 585, 161-170.	5.4	55
110	8-Hydroxyquinoline Based Multipodal Systems: Effect of Spatial Placement of 8-Hydroxyquinoline on Metal Ion Recognition. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2007, 58, 89-94.	1.6	5
111	Synthesis and photophysical behavior of thia-aza macrocycles with 9-anthracenylmethyl moiety as fluorescent appendage. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2007, 59, 155-165.	1.6	3
112	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. <i>Dalton Transactions</i> , 2006, , 3766.	3.3	52
113	Photonic logic gates based on metal ion and proton induced multiple outputs in 5-chloro-8-hydroxyquinoline based tetrapod. <i>New Journal of Chemistry</i> , 2006, 30, 1553.	2.8	36
114	5-Substituted-2,3-diphenyltetrahydrofurans: A new class of moderately selective COX-2 inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2006, 14, 7910-7916.	3.0	16
115	De-novo approach for a unique spiro skeleton-1,7-dioxo-2,6-dioxospiro[4.4]nonanes. <i>Tetrahedron</i> , 2006, 62, 1063-1068.	1.9	9
116	Regio- and stereochemical aspects in the synthesis of homoallylic alcohols from benzoin and their iodocyclisation to 2,3-diphenyltetrahydrofurans. <i>Tetrahedron</i> , 2006, 62, 4018-4026.	1.9	24
117	Unique chlorine effect in regioselective one-pot synthesis of 1-alkyl-/allyl-3-(o-chlorobenzyl) uracils: anti-HIV activity of selected uracil derivatives. <i>Tetrahedron</i> , 2006, 62, 5944-5951.	1.9	27
118	Three different fluorescent responses to transition metal ions using receptors based on 1,2-bis- and 1,2,4,5-tetrakis-(8-hydroxyquinolinomethyl)benzene. <i>Tetrahedron</i> , 2006, 62, 6379-6387.	1.9	28
119	A unique "ON-OFF" switch with two perturbations at two different concentrations of Ag ⁺ . <i>Tetrahedron Letters</i> , 2006, 47, 109-112.	1.4	29
120	A diamide-diamine based Cu ²⁺ chromogenic sensor for highly selective visual and spectrophotometric detection. <i>Tetrahedron Letters</i> , 2006, 47, 4109-4112.	1.4	31
121	ZrCl ₄ catalyzed highly selective and efficient Michael addition of heterocyclic enamines with 1,2-unsaturated olefins. <i>Tetrahedron Letters</i> , 2006, 47, 7001-7005.	1.4	37
122	A simple synthesis of di(uracilyl)aryl methanes and 1,1'-bis[di(uracilyl)methyl]benzenes. <i>Tetrahedron Letters</i> , 2006, 47, 8483-8487.	1.4	15
123	Nature of 1-(2-aminoethylamino)-anthracene-9, 10-diones - Cu(II) Interactions Responsible for Striking Colour Changes. <i>Supramolecular Chemistry</i> , 2006, 18, 137-140.	1.2	17
124	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. <i>Tetrahedron</i> , 2005, 61, 8231-8240.	1.9	26
125	Regioselective synthesis of 1-allyl- and 1-arylmethyl uracil and thymine derivatives. <i>Tetrahedron</i> , 2005, 61, 4009-4014.	1.9	22
126	Indium Reagents in Heterocyclic Chemistry. <i>Current Organic Chemistry</i> , 2005, 9, 1205-1235.	1.6	23

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127	A simple one-step protocol for the olefination of vinylogous formamides. <i>Tetrahedron Letters</i> , 2004, 45, 3409-3412.	1.4	18
128	Rate acceleration and diastereoselectivity in chelation-controlled indium-promoted Barbier allylation of pyridine-2- and quinoline-2-imines in aqueous solvents. <i>Tetrahedron Letters</i> , 2004, 45, 3413-3416.	1.4	29
129	Photoactive chemosensors 4: a Cu ²⁺ protein cavity mimicking fluorescent chemosensor for selective Cu ²⁺ recognition. <i>Tetrahedron Letters</i> , 2004, 45, 5081-5085.	1.4	46
130	Novel indium-mediated ternary reactions between indole-3-carboxaldehydes and allyl bromide/enamines: facile synthesis of bisindolyl- and indolyl-heterocyclic alkanes. <i>Tetrahedron Letters</i> , 2003, 44, 2101-2104.	1.4	34
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