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## Anion Recognition and Sensing: The State of the Art and Future Perspectives

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2268	Chloride Transfer across the Liquid-Liquid Interface Facilitated by a Mono-Thiourea as a Hydrogen-Bonding Ionophore. <b>2001</b> , 74, 2343-2347		17
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2255	Ein colorimetrischer ATP-Sensor auf 1,3,5-Triarylpent-2-en-1,5-dion-Basis. <i>Angewandte Chemie</i> , <b>2001</b> , 113, 2710-2713	3.6		18
2254	Allosteric Fluoride Anion Recognition by a Doubly Strapped Porphyrin. <i>Angewandte Chemie</i> , <b>2001</b> , 113, 3476-3480	3.6		19
2253	Rational Design and X-ray Molecular Structure of the First Irido-Cryptand and Encapsulation of a Tetrafluoroborate Anion. <i>Angewandte Chemie</i> , <b>2001</b> , 113, 3748-3750	3.6		8
2252	A Dual Channel Fluorescence Chemosensor for Anions Involving Intermolecular Excited State Proton Transfer. <i>Angewandte Chemie</i> , <b>2001</b> , 113, 4030-4033	3.6		13
2251	A Colorimetric ATP Sensor Based on 1,3,5-Triarylpent-2-en-1,5-diones. <i>Angewandte Chemie - International Edition</i> , <b>2001</b> , 40, 2640-2643	16.4		155
2250	Allosteric Fluoride Anion Recognition by a Doubly Strapped Porphyrin This work was funded by the Department of Energy, by a contract through Bechtel Nevada, and the Office of Naval Research. M.T. thanks the Ministry of Education, Science and Culture of Japan for financial support and Prof. Itaru Hamachi and Mr. Masato Ikeda at Kyushu University for helpful discussions.. <i>Angewandte</i>	16.4		123
2249	Anion-Templated Syntheses of Rhombohedral Silver-Alkynyl Cage Compounds. <i>Angewandte Chemie - International Edition</i> , <b>2001</b> , 40, 3464-3467	16.4		208
2248	A Dual Channel Fluorescence Chemosensor for Anions Involving Intermolecular Excited State Proton Transfer. <i>Angewandte Chemie - International Edition</i> , <b>2001</b> , 40, 3912-3915	16.4		142
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2246	Mono Halogen Substituted Calix[4]pyrroles: Fine-tuning the Anion Binding Properties of Calix[4]pyrrole. <b>2001</b> , 13, 661-669	17
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2237	Quantitative evaluation of the chloride template effect in the formation of dicationic [1(4)]imidazoliophanes. <b>2002</b> , 67, 8463-8	55
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2231	Halide-templated assembly of polynuclear lanthanide-hydroxo complexes. <b>2002</b> , 41, 278-86	214
2230	Self-assembly of nanoscopic coordination cages of D(3h) symmetry. <b>2002</b> , 99, 4932-6	137
2229	Aptamer-based colorimetric probe for cocaine. <b>2002</b> , 124, 9678-9	307

2228	A selective colorimetric anion sensor based on an amide group containing macrocycle. <b>2002</b> , 2450-1	110
2227	A selective chromogenic reagent for cyanide determination. <b>2002</b> , 2248-9	212
2226	Luminescence lifetime-based sensor for cyanide and related anions. <b>2002</b> , 124, 6232-3	421
2225	12 Supramolecular chemistry. <b>2002</b> , 98, 581-605	4
2224	First artificial receptors and chemosensors toward phosphorylated peptide in aqueous solution. <b>2002</b> , 124, 6256-8	329
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2222	Luminescent lanthanide complexes of a bis-bipyridine-phosphine-oxide ligand as tools for anion detection. <b>2002</b> , 124, 7779-88	173
2221	Supramolecular gold nanoparticles for the redox recognition of oxoanions: syntheses, titrations, stereoelectronic effects, and selectivity. <b>2002</b> , 124, 1782-9	184
2220	Anion binding by fluorescent biimidazole diamides. <b>2002</b> , 67, 5963-8	64
2219	Biomimetic macrocyclic receptors for carboxylate anion recognition based on C-linked peptidocalix[4]arenes. <b>2002</b> , 99, 4842-7	87
2218	Carbaborane salts of $[ZnCl(HpztBu)_3]^+$ , a host for inorganic anions (HpztBu = 5-tert-butylpyrazole). <i>New Journal of Chemistry</i> , <b>2002</b> , 26, 1634-1637	3.6 37
2217	Receptor versatility of tris(pyridin-1-ium-2-ylmethyl)amine in anion binding through hydrogen bonding. <b>2002</b> , 4535	6
2216	Effective recognition of $H_2PO_4^-$ by a new series of dendrimers functionalized with ferrocenyl-urea termini. <b>2002</b> , 1778-9	71
2215	Anion recognition and redox sensing amplification by self-assembled monolayers of 1,1'-bis(alkyl-N-amido)ferrocene. <b>2002</b> , 1716-7	91
2214	A perchlorate-selective membrane electrode based on a Cu(II) complex of the ligand 1,4,8,11-tetra(n-octyl)-1,4,8,11-tetraazacyclotetradecane. <b>2002</b> , 127, 387-90	19
2213	Isothiuronium-derived simple fluorescent chemosensors of anions. <b>2002</b> , 1455	64
2212	Anion-aromatic bonding: a case for anion recognition by pi-acidic rings. <b>2002</b> , 124, 6274-6	562
2211	Recent progress in artificial receptors for phosphate anions in aqueous solution. <b>2002</b> , 90, 129-55	109

2210	Novel C3V -Symmetric Tripodal Scaffold, Triethyl cis,cis,cis-2,5,8-Tribenzyltrindane-2,5,8-tricarboxylate, for the Construction of Artificial Receptors. <b>2002</b> , 4, 795-798		47
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2207	Fluorescence sensing of ionic analytes in water: from transition metal ions to vitamin B13. <i>Chemistry - A European Journal</i> , <b>2002</b> , 8, 94-101	4.8	76
2206	A selective chromogenic reagent for nitrate. <i>Angewandte Chemie - International Edition</i> , <b>2002</b> , 41, 1416-916.4	16.4	103
2205	Selective recognition of fluoride anion using a Li(+)-metallacrown complex. <i>Angewandte Chemie - International Edition</i> , <b>2002</b> , 41, 1419-22	16.4	120
2204	Synthesis of a strapped calix[4]pyrrole: structure and anion binding properties. <i>Angewandte Chemie - International Edition</i> , <b>2002</b> , 41, 1757-9	16.4	143
2203	A New Approach to Chemosensors for Anions Using MCM-41 Grafted with Amino Groups. <b>2002</b> , 14, 966-969		97
2202	Molecular Recognition of Anions by a Novel Organocobalt Receptor: Oxyanion versus Halide Selectivity in Water. <b>2002</b> , 2002, 2312-2319		14
2201	Open-Chain Dications and Betaines with Imidazolium Molecular Motifs: Synthesis and Structural Aspects. <i>European Journal of Organic Chemistry</i> , <b>2002</b> , 2002, 1221-1231	3.2	17
2200	Design of a Neutral Macrocyclic Ionophore: Synthesis and Binding Properties for Nitrate and Bromide Anions. <i>European Journal of Organic Chemistry</i> , <b>2002</b> , 2002, 3004-3014	3.2	63
2199	Spontaneous macrocyclization of l-cysteine with malononitrile. <b>2002</b> , 13, 983-988		2
2198	A simple synthesis of chiral macrocyclic tetraamides derived from $\alpha$ -amino acids. <b>2002</b> , 13, 2053-2059		24
2197	Synthesis and structural characterization of two chain complexes of Mn(II) containing 2-aminopyridinium. <b>2002</b> , 5, 215-219		16
2196	[Zn(BDC)(H <sub>2</sub> O) <sub>2</sub> ] <sub>n</sub> : a novel blue luminescent coordination polymer constructed from BDC-bridged 1-D chains via interchain hydrogen bonds (BDC = 1,4-benzenedicarboxylate). <b>2002</b> , 5, 1017-1021		43
2195	Anion binding by a binuclear Cu(II) polyamine macrocyclic complex. <b>2002</b> , 2, 49-52		1
2194	Amido complexes of platinum(II) as receptors for the nitrate ion. <b>2002</b> , 2, 93-96		33
2193	A Urea-Incorporated Receptor for Aromatic Carboxylate Anion Recognition. <b>2002</b> , 2, 247-254		19

2192	Halide anion recognition by calix[4]pyrrole: a quantum chemical study. <b>2002</b> , 581, 117-127	17
2191	Open-chain polyazaalkanes functionalised with pyrene groups as sensing fluorogenic receptors for metal ions. <i>Polyhedron</i> , <b>2002</b> , 21, 1397-1404	2.7 22
2190	Solid state structural and solution studies on the formation of a flexible cavity for anions by copper(I) and 1,2-bis(diphenylphosphino)ethane. <i>Polyhedron</i> , <b>2002</b> , 21, 2433-2443	2.7 24
2189	Synthesis and study of allosteric effects on extraction behavior of novel calixarene-based dichromate anion receptors. <b>2002</b> , 58, 7735-7740	77
2188	Synthesis and selective anion recognition of imidazolium cyclophanes. <b>2002</b> , 58, 8993-8999	62
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2185	Cyclic trimer of 5-(aminomethyl)-2-furancarboxylic acid as a novel synthetic receptor for carboxylate recognition. <b>2002</b> , 43, 1317-1320	36
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2181	A novel self-assembled supramolecular architecture involving cation, anion and a calix[4]arene heteroditopic receptor. <b>2002</b> , 43, 7311-7314	31
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2174	A theoretical study of aromaticity in squaramide complexes with anions. <b>2002</b> , 351, 115-120	53
2173	p-Dimethylaminobenzamide as an ICT dual fluorescent neutral receptor for anions under proton coupled electron transfer sensing mechanism. <b>2002</b> , 355, 438-444	56
2172	A new fluoride selective fluorescent as well as chromogenic chemosensor containing a naphthalene urea derivative. <b>2003</b> , 125, 12376-7	348
2171	Fluorogenic and chromogenic chemosensors and reagents for anions. <b>2003</b> , 103, 4419-76	2778
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2168	Monomer and polymer quinoxaline derivatives for cationic recognition. <b>2003</b> , 375, 1193-8	10
2167	A topological analysis of the electron density in anion- $\pi$ interactions. <b>2003</b> , 4, 1344-8	181
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2149	Dual responsive chemosensors for anions: the combination of fluorescent PET (Photoinduced Electron Transfer) and colorimetric chemosensors in a single molecule. <b>2003</b> , 44, 6575-6578	215
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2147	Chelating ability and role of nitrite. Synthesis and structural properties of AgNO <sub>2</sub> with 3,3'-oxybispyridine. <i>Journal of Molecular Structure</i> , <b>2003</b> , 657, 207-214	3-4 13
2146	Anion recognition and sensing by mono- and bis-urea substituted ferrocene receptors. <i>Polyhedron</i> , <b>2003</b> , 22, 649-653	2.7 42
2145	Anion binding at the core of branched ferrocene derivatives. <i>Polyhedron</i> , <b>2003</b> , 22, 763-768	2.7 30
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2136	Tetraphosphinitoresorcinarene complexes: cationic silver(I) and copper(I) halide complexes as mercurate(II) anion receptors. <b>2003</b> , 42, 8192-202	22
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2131	The Formation of Luminescent Supramolecular Ternary Complexes in Water: Delayed Luminescence Sensing of Aromatic Carboxylates Using Coordinated Unsaturated Cationic Heptadentate Lanthanide Ion Complexes. <b>2003</b> , 15, 505-519	78
2130	Elite new anion ligands: polythioamide macrocycles. <b>2003</b> , 42, 5043-5	59
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2127	Interdependence of redox state, hydrogen bonding, anion recognition and charge partition in crystals of (EDT-TTF-CONHMe) <sub>6</sub> [Re <sub>6</sub> Se <sub>8</sub> (CN) <sub>6</sub> ] (CH <sub>3</sub> CN) <sub>2</sub> (CH <sub>2</sub> Cl) <sub>2</sub> . <b>2003</b> , 1820-1	18
2126	Interaction of oligopyrrole macrocycles with aromatic acids: spectroscopical, quantum chemical and chromatographic aspects. <b>2003</b> , 59, 817-29	1
2125	New fluorescent photoinduced electron transfer chemosensor for the recognition of H <sub>2</sub> PO <sub>4</sub> <sup>-</sup> . <b>2003</b> , 5, 2083-6	166
2124	Bipyridine Ligands. <b>2003</b> , 1-23	10
2123	Energetics of phosphate binding to ammonium and guanidinium containing metallo-receptors in water. <b>2003</b> , 125, 14807-15	152
2122	Development of fluorescent sensing of anions under excited-state intermolecular proton transfer signaling mechanism. <b>2003</b> , 5, 2667-70	235
2121	Two-arm ferrocene amide compounds: synclinal conformations for selective sensing of dihydrogen phosphate ion. <b>2003</b> , 5, 1821-4	85

2120	Anion receptor functions of lanthanide tris(beta-diketonate) complexes: naked eye detection and ion-selective electrode determination of Cl <sup>-</sup> anion. <b>2003</b> , 2238-9	59
2119	Anion effects in selective bifunctional metal salt extractants based on aza-thioether macrocycles: co-operative cation-anion binding?. <b>2003</b> , 1941-1951	27
2118	Tripodal ligand incorporating dual fluorescent ionophore: a coordinative control of photoinduced electron transfer. <b>2003</b> , 2, 259-66	19
2117	A novel molecular ladder structure of Cu(II)-Ba(II) coordination polymer exhibiting ferromagnetic coupling. <b>2003</b> , 2946-7	24
2116	Thiourea-linked upper rim calix[4]arene neoglycoconjugates: synthesis, conformations and binding properties. <b>2003</b> , 1, 1802-9	96
2115	Protonated macrocyclic Zn(II) complexes as polyfunctional receptors for ATP. <b>2003</b> , 2564-2572	19
2114	Hydrogen-bond forming ionophore for highly efficient transport of phosphate anions across the nitrobenzene-water interface. <b>2003</b> , 128, 663-9	43
2113	Non-bonding interactions of anions with nitrogen heterocycles and phenyl rings: a critical Cambridge Structural Database analysis. <b>2003</b> , 5, 395-399	31
2112	Transition-metal-based Chemosensing Ensembles: ATP Sensing in Physiological Conditions. <b>2003</b> , 15, 617-625	49
2111	Appearance of Phosphate-Selectivity by Hydrolytic Trimerization of Simple Dialkyltin(IV) Compounds Used as Carrier. <b>2003</b> , 76, 971-976	6
2110	Structure of Cofacial Cyclic Dimer with Schiff Base Ligands. <b>2003</b> , 32, 808-809	6
2109	Amide- and Urea-Based Anion Receptors. <b>2004</b> , 31-41	27
2108	Anion-Directed Assembly. <b>2004</b> , 51-58	
2107	Anion Extraction. <b>2004</b> , 1-13	
2106	Ditopic Receptors. <b>2004</b> , 1-16	
2105	Fluorescence Sensing of Anions. <b>2004</b> , 566-571	2
2104	Receptors for Biological Anions. <b>2004</b> , 1-8	
2103	Simultaneous Binding of Cations and Anions. <b>2004</b> , 1291-1294	5

2102	Molecular Squares, Boxes, and Cubes. <b>2004</b> , 909-916	1
2101	Zwitterion Receptors. <b>2004</b> , 1639-1647	
2100	A New Anion Receptor with a Glycoluril Molecular Scaffold. <b>2004</b> , 16, 175-179	13
2099	Polymethylene-bridged Cystine-glycine-containing Cyclopeptides as Hydrogen-bonding Electroneutral Anion Receptors: Design, Synthesis, and Halide Ion Recognition. <b>2004</b> , 16, 171-174	7
2098	Organometallic Anion Receptors. <b>2004</b> , 1006-1013	
2097	Crown ethers: sensors for ions and molecular scaffolds for materials and biological models. <b>2004</b> , 104, 2723-50	1135
2096	Chromogenic Discrimination of Primary Aliphatic Amines in Water with Functionalized Mesoporous Silica. <b>2004</b> , 16, 1783-1786	117
2095	Molecular Ionics of Anion Receptor Molecules: A Microcalorimetric Study. <b>2004</b> , 77, 483-495	16
2094	The synthesis of a fluorescent chemosensor containing two thiourea groups and its recognition behavior for dicarboxylate anions. <b>2004</b> , 9, 952-956	
2093	Visual sensing of fluoride ions by dipyrrolyl derivatives bearing electron-withdrawing groups. <b>2004</b> , 116, 17-20	28
2092	Synthesis, electrochemical and intramolecular charge-transfer properties of Calix[4]arene-acceptor diad and triad derivatives. <b>2004</b> , 60, 1643-1650	8
2091	Strapped porphyrin rosettes based on the melamine-yanuric acid motif. Self-assembly and supramolecular recognition. <b>2004</b> , 60, 9155-9162	26
2090	Biphenyl macrolactams in anion complexation. Selective naked-eye fluoride recognition. <b>2004</b> , 60, 9471-9478	59
2089	Ratiometric dual fluorescent receptors for anions under intramolecular charge transfer mechanism. <b>2004</b> , 60, 11109-11115	93
2088	Novel anion receptors based on thiacalix[4]arene derivatives. <b>2004</b> , 60, 11383-11390	70
2087	Poly(phenylene vinylene)-based copolymers containing 3,7-phenothiazylene and 2,6-pyridylene chromophores: Fluorescence sensors for acids, metal ions, and oxidation. <b>2004</b> , 42, 1272-1284	30
2086	Recognition and fluorescence sensing of specific amino acid residue on protein surface using designed molecules. <b>2004</b> , 76, 177-84	29
2085	Synthesis and Structure of 1-D Heterometallic Thiocyanato-Bridged CuII/GdIII Polymers with Ferromagnetic Properties. <b>2004</b> , 2004, 1808-1812	56

2084	Chloride as Supramolecular Glue: Anion-Directed Assembly of a 2D Network of MnIII Complexes. <b>2004</b> , 2004, 2769-2774	26
2083	Anion Binding of 1,1'-Bis(dialkylboryl)cobaltocenium Complexes [Structures of [Co{C5H4(BMe2)}2]PF6, Co{C5H4(BMe2)}[C5H4(BMe2Cl)], Co{C5H4(BiPr2)}2(μ-F) and NMe4[Co{C5H4(BiPr2F)}2]. <b>2004</b> , 2004, 4011-4020	19
2082	Highly Sensitive and Selective Fluoride Ion Chemosensing, Fluoroalkylated Polysilane. <b>2004</b> , 25, 1771-1775	32
2081	Synthesis of polyhydroxybenzoxazole-based colorimetric chemosensor for anionic species. <b>2004</b> , 24, 261-264	15
2080	Electrochemical sensing of anions by (ferrocenylmethyl)trialkylammonium cations in homogeneous solution and in polymer films. <b>2004</b> , 49, 3727-3735	13
2079	Benzene-based tripodal isothiuronium compounds as sulfate ion receptors. <b>2004</b> , 45, 723-727	54
2078	A naked-eye chemosensor system for phytate. <b>2004</b> , 45, 1261-1265	18
2077	Synthesis and study of a cyclophane displaying dual fluorescence emission: a novel ratiometric sensor for carboxylic acids in organic medium. <b>2004</b> , 45, 1659-1662	54
2076	A fluorescence-active 1,3-bis(isothiuronium)-derived naphthalene exhibiting versatile binding modes toward oxoanions in aqueous MeCN solution: new methodology for sensing oxoanions. <b>2004</b> , 45, 3769-3773	67
2075	Evaluation of anion selectivity in protic media by squaramide-resol Red ensembles. <b>2004</b> , 45, 3749-3752	41
2074	A tetra-sulfonamide derivative bearing two dansyl groups designed as a new fluoride selective fluorescent chemosensor. <b>2004</b> , 45, 3957-3960	56
2073	Construction of new [2]pseudorotaxanes by hydrogen bonding assembly of macrocyclic tetrathiolactam with amides and an ester. <b>2004</b> , 45, 4603-4606	12
2072	Difluorobora-s-diazaindacene dyes as highly selective dosimetric reagents for fluoride anions. <b>2004</b> , 45, 4947-4949	89
2071	A C-linked peptidocalix[4]arene bearing four dansyl groups: a highly selective fluorescence chemosensor for fluoride ions. <b>2004</b> , 45, 4959-4962	44
2070	Synthesis and conformational analysis of 9,10-bis-aminomethyl-11,12-dicarboxy-dibenzobarrelene derivatives. <b>2004</b> , 45, 6083-6085	3
2069	Carboxylate anion selective receptor with glycoluril molecular scaffold. <b>2004</b> , 45, 5225-5228	34
2068	A new fluorescent as well as chromogenic chemosensor for anions based on an anthracene carbamate derivative. <b>2004</b> , 45, 6493-6496	44
2067	Synthesis of functionalized dipyrrolyldiketones, precursors of quinoxaline-containing macrocycles. <b>2004</b> , 45, 7363-7365	9

2066	Towards the development of Eu(III) luminescent switching/sensing in water-permeable hydrogels. <b>2004</b> , 45, 8403-8407	41
2065	Anion induced conformational switch of a macrocyclic amide receptor. <b>2004</b> , 45, 8699-8703	29
2064	A calixpyridiniumpyranine complex as a selective anion sensing assembly via the indicator displacement strategy. <b>2004</b> , 45, 9269-9271	50
2063	Anion recognition in a model ion channel: effects of solvation on chloride binding to a porphyrinmetacyclophane. <b>2004</b> , 711, 149-157	4
2062	Complexes of benzo-15-crown-5 with protonated primary amines and diamines. <b>2004</b> , 60, 4579-4588	27
2061	Highly selective fluorescent chemosensors for cadmium in water. <b>2004</b> , 60, 11239-11249	106
2060	A new terpyrrolic analogue of dipyrrolylquinoxalines: an efficient optical-based sensor for anions in organic media. <b>2004</b> , 60, 11283-11291	40
2059	Heterodinuclear ruthenium(II) bipyridyl-transition metal dithiocarbamate macrocycles for anion recognition and sensing. <b>2004</b> , 60, 11227-11238	28
2058	Materials chemistry approach to anion-sensor design. <b>2004</b> , 60, 11163-11168	43
2057	Gemini peptide lipids with ditopic ion-recognition site. Preparation and functions as an inducer for assembling of liposomal membranes. <b>2004</b> , 60, 9841-9847	29
2056	Fluorescent detection of glutamate with a dicopper(II) polyamine cage. <b>2004</b> , 60, 11159-11162	59
2055	Ferrocenyl peptides with sulfur-containing side chains: synthesis, solid state and solution structures. <b>2004</b> , 689, 4856-4867	40
2054	New membrane perchlorate-selective electrodes containing polyazacycloalkanes as carriers. <b>2004</b> , 101, 20-27	23
2053	Selective nitrate poly(vinylchloride) membrane electrode based on bis(2-hydroxyacetophenone)ethylenediimine vanadyl (IV). <b>2004</b> , 101, 302-307	14
2052	Reactivity behavior of (hydroxy)diorganotin(IV)methanesulfonates with ionic nucleophiles □ synthesis and structural characterization of novel diorganostannate salts, [R <sub>2</sub> Sn(EDH)(OSO <sub>2</sub> Me)(ONO <sub>2</sub> )] <sub>2</sub> Bu <sub>4</sub> N. <i>Polyhedron</i> , <b>2004</b> , 23, 71-75	2.7 4
2051	Self-assembly, structure and magnetic properties of carboxylate-bridged Cu(II)M(II) (M=Mg, Ca, Sr, Ba) complexes with a new metalloligand as a building block. <i>Polyhedron</i> , <b>2004</b> , 23, 2125-2134	2.7 7
2050	Acyclic and macrocyclic transition metal dithiocarbamate complexes containing imidazolium moieties for anion binding. <i>Polyhedron</i> , <b>2004</b> , 23, 2821-2829	2.7 31
2049	Self-assembly of a Cu(II)Ba(II) 2D coordination polymer containing decanuclear 28-membered metallocycles. <b>2004</b> , 7, 434-436	6

2048	Surface-modified CdSe quantum dots as luminescent probes for cyanide determination. <b>2004</b> , 522, 1-8	155
2047	Ion-selective electrodes for anionic surfactants using a new aza-oxa-cycloalkane as active ionophore. <b>2004</b> , 525, 83-90	33
2046	Podand and macrocyclic amine receptors with urea functionalities for potentiometric detection of organic acids in HPLC. <b>2004</b> , 523, 177-184	15
2045	Modulation of the metal recognition properties of a new type of azaferrocenophane-based chemosensors: co-ordination chemistry towards Mg <sup>2+</sup> , Ca <sup>2+</sup> , Zn <sup>2+</sup> and Ni <sup>2+</sup> . <b>2004</b> , 1159-65	16
2044	Influence of the coordination geometry on the physicochemical properties of a copper(II) complex with a tailor-made calixarene-based ligand bearing dipyriddy pendant. An ESR, UV-Vis and CV study. <b>2004</b> , 3205-11	15
2043	A bidentate borane as colorimetric fluoride ion sensor. <b>2004</b> , 1284-5	229
2042	Recognition of Biologically and Environmentally Important Phosphate Anions by Calix[4]pyrrole: Thermodynamic Aspects. <b>2004</b> , 108, 7324-7330	36
2041	Applying the Yb <sup>3+</sup> ion as a simple and sensitive probe to detect phosphate-containing derivatives in aqueous solution. <b>2004</b> , 934-5	30
2040	Studies on the interaction of phosphate anions with N-functionalised polyaza[n]paracyclophanes: the role of N-methylation. <b>2004</b> , 2, 816-20	29
2039	Redox sensing of anions in pure aqueous environment by ferrocene-containing 4,4'-bipyridinium-based receptors and polymer films. <b>2004</b> , 428-9	42
2038	Synthesis and structural characterisation of the first bis(bora)calixarene: a selective, bidentate, fluorescent fluoride sensor. <b>2004</b> , 1640-1	89
2037	Strategies toward improving the performance of fluorescence-based sensors for inorganic anions. <b>2004</b> , 1282-3	41
2036	A new fluoride selective electrochemical and fluorescent chemosensor based on a ferrocene-naphthalene dyad. <b>2004</b> , 1658-9	71
2035	Stability and kinetics of the acid-promoted decomposition of Cu(II) complexes with hexaazacyclophanes: kinetic studies as a probe to detect changes in the coordination mode of the macrocycles. <b>2004</b> , 94-103	23
2034	Coordinative and electrostatic forces in action: from the design of differential chromogenic anion sensors to selective carboxylate recognition. <b>2004</b> , 774-5	21
2033	A nonacoordinated bridging selenide in a tricapped trigonal prismatic geometry identified in undecanuclear copper clusters: syntheses, structures, and DFT calculations. <b>2004</b> , 43, 4306-14	38
2032	Assemblies of redox-active metallodendrimers using hydrogen bonding for the electrochemical recognition of the H <sub>2</sub> PO <sub>4</sub> <sup>-</sup> and adenosine-triphosphate (ATP <sup>2-</sup> ) anions. <b>2004</b> , 43, 8649-57	37
2031	Chiral recognition of amino acids and dipeptides by a water-soluble zinc porphyrin. <b>2004</b> , 43, 1211-3	57

2030	Synthesis and H <sup>+</sup> , Cu <sup>2+</sup> , and Zn <sup>2+</sup> coordination behavior of a bis(fluorophoric) bibrachial lariat aza-crown. <b>2004</b> , 43, 6114-22		59
2029	New halide-centered discrete Ag(I)(8) cubic clusters containing diselenophosphate ligands, [Ag(8)(X)[Se(2)P(OR)(2)](6)](PF(6)) (X = Cl, Br; R = Et, Pr, (i)Pr): syntheses, structures, and DFT calculations. <b>2004</b> , 43, 4464-70		42
2028	Highly effective fluorescent sensor for H <sub>2</sub> PO <sub>4</sub> (-). <b>2004</b> , 69, 581-3		169
2027	Efficient fluoride-selective fluorescent host: experiment and theory. <b>2004</b> , 69, 943-50		139
2026	Polyamide Pseudorotaxanes, Rotaxanes, and Catenanes Based on Bis(5-carboxy-1,3-phenylene)-(3x+2)-crown-x Ethers. <b>2004</b> , 37, 7514-7529		63
2025	Effects of two-phase reactions on composition and potential response of zirconium(IV)-tetraphenylporphyrin complexes as carrier for citrate-selective electrode. <i>Analytical Chemistry</i> , <b>2004</b> , 76, 5056-62	7.8	22
2024	Anion-templated synthesis of metallacages as a means for the colorimetric detection of chlorides. <b>2004</b> , 43, 7597-604		55
2023	Octanuclear metallocyclic Ni <sub>4</sub> Fc <sub>4</sub> compound: synthesis, crystal structure, and electrochemical sensing for Mg <sup>2+</sup> . <b>2004</b> , 43, 5174-6		54
2022	Fluoride Ion Receptors Based on Dipyrrolyl Derivatives Bearing Electron-Withdrawing Groups: Synthesis, Optical and Electrochemical Sensing, and Computational Studies. <b>2004</b> , 108, 11249-11259		107
2021	Development of N-benzamidothioureas as a new generation of thiourea-based receptors for anion recognition and sensing. <b>2004</b> , 69, 6449-54		141
2020	The Literature of Heterocyclic Chemistry, Part VIII, 1999-2001. <b>2004</b> , 87, 1-83		14
2019	Synthesis, characterization, and evaluation of ferrocene-theophylline conjugates for use in electrochemical enzyme immunoassay. <b>2004</b> , 15, 137-44		38
2018	Molecular recognition and fluorescence sensing of monophosphorylated peptides in aqueous solution by bis(zinc(II)-dipicolylamine)-based artificial receptors. <b>2004</b> , 126, 2454-63		341
2017	Bis-dinuclear (Cu-Gd) <sub>2</sub> complexes with a probable helicate structure. <b>2004</b> , 1739-42		7
2016	The synthesis of two novel neutral receptors and their anion binding properties. <b>2004</b> , 82, 454-460		18
2015	Theoretical Investigations of Anion Interactions: The Role of Anions and the Nature of Anion Receptors. <b>2004</b> , 108, 1250-1258		248
2014	Structural Aspects of Hydrogen Bonding with Nitrate and Sulfate. <b>2004</b> , 43-57		1
2013	2,3-Dipyrrolylquinoxaline-Based Anion Sensors. <b>2004</b> , 71-85		2



2012	Anion recognition and redox sensing by a metalloporphyrinferrocenealkylammonium conjugate. <i>New Journal of Chemistry</i> , <b>2004</b> , 28, 1584-1589	3.6	32
2011	The affinity of phosphates to zinc(II) complexes can be increased with hydrogen bond donors. <b>2004</b> , 610-1		37
2010	Lanthanide/ATP interaction in water mediated by luminescent hemispherical-shaped complexes. <b>2004</b> , 43, 1819-21		44
2009	A novel colorimetric and fluorescent anion chemosensor based on the flavone quasi-crown ether-metal complex. <b>2004</b> , 6, 1071-4		85
2008	Calix[4]pyrrole-capped metalloporphyrins as ditopic receptor models for anions. <b>2004</b> , 6, 671-4		43
2007	Recognition through self-assembly. A quadruply-hydrogen-bonded, strapped porphyrin cleft that binds dipyridyl molecules and a [2]rotaxane. <b>2004</b> , 69, 899-907		39
2006	Fluorescent GTP-sensing in aqueous solution of physiological pH. <b>2004</b> , 126, 8892-3		274
2005	Well-defined Ion-pair Clusters of Alkyl- and Dialkylammonium Salts of a Sterically-hindered Carboxylic Acid. Implication for Hydrogen-bonded Lys Salt Bridges. <b>2004</b> , 33, 160-161		22
2004	Fluoride-selective Colorimetric Sensors Based on Hydrazone Functionality. <b>2004</b> , 33, 850-851		14
2003	Urea-functionalized Resorcinarenes: Preparation, Self-folding, and Their CD Phenomena Caused by Chiral Urea Termini through Intramolecular Hydrogen Bonding Interactions. <b>2004</b> , 33, 994-995		6
2002	New Fluoride-selective Red Fluorescent Chemosensors Based on Perylene Derivatives. <b>2004</b> , 33, 974-975		23
2001	Optical Anion Sensors Based on Alkyne-Linked, Functionalized Calix[4]pyrroles. <b>2004</b> , 69, 1027-1049		15
2000	Interaction between biphenols and anions: selective receptor for dihydrogenphosphate. <b>2005</b> , 53, 1352-4		10
1999	Fluorescent Redox-Switchable Devices. <b>2005</b> , 189-218		12
1998	Molecular recognition and sensing via rare earth complexes. <b>2005</b> , 273-335		7
1997	A Highly Selective Chromogenic and Fluorogenic Chemosensor for Fluoride Ion. <b>2005</b> , 34, 686-687		44
1996	Molecular Arrangement in the Cocrystals of 1,1',3,3'-Tetramethyl-2,2'-bi-1H-imidazolium Bis(tetraphenylborate) with Ketone, Aldehyde, and Nitrile as Guest Molecules. <b>2005</b> , 78, 867-872		3
1995	Anion Recognition by 1,3-Benzenedisulfonamide Derivatives Bearing Phenolic Hydroxy Groups in MeCN-d3. <b>2005</b> , 78, 1348-1350		21

- 1994 Colorimetric detection and differentiation of fluoride and dihydrogenphosphate anions. **2005**, 106, 343-346 11
- 1993 Complementary anion binding by bidentate boron-containing Lewis acids. **2005**, 690, 2725-2731 13
- 1992 Electrochemical sensing of anions by redox-active receptors built on the ferrocenyl cyclam framework. **2005**, 580, 291-299 22
- 1991 Synthesis and structural characterization of some arylamidinium diphenylphosphinates: Formation of one-, two- and three-dimensional networks by charge-assisted hydrogen bonds. *Polyhedron*, **2005**, 24, 927-939 2.7 13
- 1990 2D coordination polymers of Nd(III) and Gd(III) with the phenoxyacetate ligand. **2005**, 358, 4437-4442 13
- 1989 C<sub>H</sub>⋯O interactions are favoured in the crystal structures of imidazolin-5-ones. *Journal of Molecular Structure*, **2005**, 752, 98-103 3.4 9
- 1988 Electrochemical measurement of switchable hydrogen bonding in an anthraquinone-based anion receptor. **2005**, 7, 1351-1356 15
- 1987 Bromide selective fluorescent anion receptor with glycoluril molecular scaffold. **2005**, 46, 1759-1762 41
- 1986 A hybrid macrocycle containing benzene and pyridine subunits is a better anion receptor than both its homoaromatic congeners. **2005**, 46, 3085-3088 38
- 1985 Isothiuronium-modified gold nanoparticles capable of colorimetric sensing of oxoanions in aqueous MeOH solution. **2005**, 46, 4369-4372 45
- 1984 Unusual stoichiometry of urea-derivatized calix[4]arenes induced by anion complexation. **2005**, 46, 4469-4472 45
- 1983 Urea and thiourea based efficient colorimetric sensors for oxyanions. **2005**, 46, 5343-5346 87
- 1982 Iodide selective fluorescent anion receptor with two methylene bridged bis-imidazolium rings on naphthalene. **2005**, 46, 5443-5445 68
- 1981 Fluorescent anion chemosensors using 2-aminobenzimidazole receptors. **2005**, 46, 6079-6082 71
- 1980 4-Amino-1,8-naphthalimide-based anion receptors: employing the naphthalimide NH moiety in the cooperative binding of dihydrogenphosphate. **2005**, 46, 6579-6584 97
- 1979 Amide-nitrophenyl based colorimetric receptors for selective sensing of fluoride ions. **2005**, 46, 7255-7258 24
- 1978 A novel field of ab initio studies: complexation of simple anions within neutral cryptands. **2005**, 717, 215-221 13
- 1977 Anthracene derivatives bearing two urea groups as fluorescent receptors for anions. **2005**, 61, 4545-4550 91

1976	Versatility of an intramolecularly hydrogen-bonded 4-(N,N-dimethylamino)benzoate group as a signaling subunit for anion recognition. <b>2005</b> , 61, 5866-5875	5
1975	Luminescent sensors and switches in the early 21st century. <b>2005</b> , 61, 8551-8588	1008
1974	Selective recognition of sodium cyanide and potassium cyanide by diaza-crown ether-capped Zn-porphyrin receptors in polar solvents. <b>2005</b> , 61, 8095-8100	89
1973	A hyodeoxycholic acid-based molecular tweezer: a highly selective fluoride anion receptor. <b>2005</b> , 61, 12366-12370	29
1972	Anion recognition through modified calixarenes: a highly selective sensor for monohydrogen phosphate. <b>2005</b> , 538, 213-218	124
1971	Designing an arsenate-selective sensor based on the bis(dichloroorganostannyl)methane derivative [Cl <sub>2</sub> (4-n-C <sub>8</sub> H <sub>17</sub> -C <sub>6</sub> H <sub>4</sub> )Sn] <sub>2</sub> CH <sub>2</sub> . <b>2005</b> , 553, 185-189	10
1970	Ferrocene substituted N,N'-bis(3-aminopropyl)oxamide: A new electrochemical sensor for copper(II) and fluoride ions in the biological pH range. <b>2005</b> , 8, 386-389	18
1969	Zinc complex of bipyridine crown macrocycle: Luminescence sensing of anions in aqueous media via the cooperative action of metal-ligand and hydrophobic interactions. <b>2005</b> , 8, 769-772	28
1968	Mo <sub>6</sub> Br <sub>8</sub> -Cluster-cored organometallic stars and dendrimers. <b>2005</b> , 8, 1789-1797	28
1967	A novel colorimetric and fluorescent chemosensor for anions involving PET and ICT pathways. <b>2005</b> , 7, 657-60	246
1966	A two-channel chemosensor for the optical detection of carboxylic acids, including cholic acid. <b>2005</b> , 15, 2670	47
1965	Visible colorimetric fluoride ion sensors. <b>2005</b> , 7, 2607-9	252
1964	A New Two-Armed Colorimetric Chemosensor for Fluoride. <b>2005</b> , 58, 53	7
1963	Recognition of alkali metal halide contact ion pairs by uranyl-salophen receptors bearing aromatic sidearms. The role of cation-π interactions. <b>2005</b> , 127, 3831-7	136
1962	A heteronuclear bidentate Lewis acid as a phosphorescent fluoride sensor. <b>2005</b> , 127, 9680-1	236
1961	Anion template effect on the self-assembly and interconversion of metallacyclophanes. <b>2005</b> , 127, 12909-23	319
1960	Anion-Induced Motion in a Ferrocene Diamide. <b>2005</b> , 2005, 66-71	42
1959	Multi-Channel Receptors and Their Relation to Guest Chemosensing and Reconfigurable Molecular Logic Gates. <b>2005</b> , 2005, 2393-2403	65

1958	A Theoretical ab initio Study of the Capacity of Several Binding Units for the Molecular Recognition of Anions. <i>European Journal of Organic Chemistry</i> , <b>2005</b> , 2005, 179-183	3.2	72
1957	A Highly Selective Fluorescent Chemosensor for H <sub>2</sub> PO <sub>4</sub> <sup>-</sup> Based on a Calix[4]arene Tetraamide Derivative. <i>European Journal of Organic Chemistry</i> , <b>2005</b> , 2005, 2468-2472	3.2	40
1956	Development of Surface-Modified Microelectrode Arrays for the Electrochemical Detection of Dihydrogen Phosphate. <i>Electroanalysis</i> , <b>2005</b> , 17, 392-399	3	22
1955	New Neutral Receptors for Fluoride Based on Calix[4]arene Bearing Thiourea and Amide. <b>2005</b> , 23, 321-325		3
1954	Host solids containing nanoscale anion-binding pockets and their use in selective sensing displacement assays. <i>Angewandte Chemie - International Edition</i> , <b>2005</b> , 44, 2918-22	16.4	83
1953	A rock-salt-like lattice structure consisting of monocationic and monoanionic AuIAgICuII supramolecular cages of D-penicillamine. <i>Angewandte Chemie - International Edition</i> , <b>2005</b> , 44, 1088-1092	16.4	55
1952	A metal-based lumophore tailored to sense biologically relevant oxometalates. <i>Angewandte Chemie - International Edition</i> , <b>2005</b> , 44, 1712-4	16.4	16
1951	An electroactive nitrogen-rich [4.4]ferrocenophane displaying redox-switchable behavior: selective sensing, complexation, and decomplexation of Mg <sup>2+</sup> ions. <i>Angewandte Chemie - International Edition</i> , <b>2005</b> , 44, 1977-81	16.4	38
1950	Effect of the metal-assisted assembling mode on the redox states of hexaazatriphenylene hexacarbonitrile. <i>Angewandte Chemie - International Edition</i> , <b>2005</b> , 44, 2700-2704	16.4	47
1949	A calix[4]imidazolium[2]pyridine as an anion receptor. <i>Angewandte Chemie - International Edition</i> , <b>2005</b> , 44, 2899-903	16.4	226
1948	Selective electrochemical detection of hydrogen fluoride by ambiphilic ferrocene derivatives. <i>Angewandte Chemie - International Edition</i> , <b>2005</b> , 44, 3606-9	16.4	103
1947	A calix[5]arene-based heterotetrotopic host for molecular recognition of long-chain, ion-paired alpha,omega-alkanediylidiammonium salts. <i>Angewandte Chemie - International Edition</i> , <b>2005</b> , 44, 4892-6	16.4	65
1946	Synthetic macrocyclic peptidomimetics as tunable pH probes for the fluorescence imaging of acidic organelles in live cells. <i>Angewandte Chemie - International Edition</i> , <b>2005</b> , 44, 6504-8	16.4	140
1945	Indole-based macrocycles as a class of receptors for anions. <i>Angewandte Chemie - International Edition</i> , <b>2005</b> , 44, 7926-9	16.4	246
1944	Host Solids Containing Nanoscale Anion-Binding Pockets and Their Use in Selective Sensing Displacement Assays. <i>Angewandte Chemie</i> , <b>2005</b> , 117, 2978-2982	3.6	27
1943	A Rock-Salt-Like Lattice Structure Consisting of Monocationic and Monoanionic AuIAgICuII Supramolecular Cages of D-Penicillamine. <i>Angewandte Chemie</i> , <b>2005</b> , 117, 1112-1116	3.6	7
1942	A Metal-Based Lumophore Tailored To Sense Biologically Relevant Oxometalates. <i>Angewandte Chemie</i> , <b>2005</b> , 117, 1740-1742	3.6	1
1941	An Electroactive Nitrogen-Rich [4.4]Ferrocenophane Displaying Redox-Switchable Behavior: Selective Sensing, Complexation, and Decomplexation of Mg <sup>2+</sup> ions. <i>Angewandte Chemie</i> , <b>2005</b> , 117, 2013-2017	3.6	7

1940	Effect of the Metal-Assisted Assembling Mode on the Redox States of Hexaazatriphenylene Hexacarbonitrile. <i>Angewandte Chemie</i> , <b>2005</b> , 117, 2760-2764	3.6	22
1939	A Calix[4]imidazolium[2]pyridine as an Anion Receptor. <i>Angewandte Chemie</i> , <b>2005</b> , 117, 2959-2963	3.6	57
1938	Selective Electrochemical Detection of Hydrogen Fluoride by Ambiphilic Ferrocene Derivatives. <i>Angewandte Chemie</i> , <b>2005</b> , 117, 3672-3675	3.6	20
1937	A Calix[5]arene-Based Heterotetrotopic Host for Molecular Recognition of Long-Chain, Ion-Paired $\pi$ -Alkanediylidiammonium Salts. <i>Angewandte Chemie</i> , <b>2005</b> , 117, 4970-4974	3.6	16
1936	Synthetic Macrocyclic Peptidomimetics as Tunable pH Probes for the Fluorescence Imaging of Acidic Organelles in Live Cells. <i>Angewandte Chemie</i> , <b>2005</b> , 117, 6662-6666	3.6	35
1935	Indole-Based Macrocycles as a Class of Receptors for Anions. <i>Angewandte Chemie</i> , <b>2005</b> , 117, 8140-8143	3.6	41
1934	Binding cooperativity of two different Lewis acid groups at the edge of ferrocene. <i>Chemistry - A European Journal</i> , <b>2005</b> , 11, 2810-24	4.8	29
1933	Anion-induced urea deprotonation. <i>Chemistry - A European Journal</i> , <b>2005</b> , 11, 3097-104	4.8	240
1932	A cyclic hexapeptide comprising alternating alpha-aminoxy and alpha-amino acids is a selective chloride ion receptor. <i>Chemistry - A European Journal</i> , <b>2005</b> , 11, 3005-9	4.8	28
1931	Anion recognition by neutral macrocyclic amides. <i>Chemistry - A European Journal</i> , <b>2005</b> , 11, 6080-94	4.8	155
1930	What anions do inside a receptor's cavity: a trifurcate anion receptor providing both electrostatic and hydrogen-bonding interactions. <i>Chemistry - A European Journal</i> , <b>2005</b> , 11, 5648-60	4.8	105
1929	Theoretical study of the remote control of hydrogen bond strengths in donor-bridge-acceptor systems: principles for designing effective bridges with substituent tuning. <i>Chemistry - A European Journal</i> , <b>2005</b> , 11, 6533-42	4.8	4
1928	Dipyrrolyldiketone difluoroboron complexes: novel anion sensors with C-H...X- interactions. <i>Chemistry - A European Journal</i> , <b>2005</b> , 11, 5661-6	4.8	160
1927	Anion- $\pi$ interactions in cyanuric acids: a combined crystallographic and computational study. <i>Chemistry - A European Journal</i> , <b>2005</b> , 11, 6560-7	4.8	162
1926	Perchlorate-selective membrane electrode based on a new complex of uranyl. <b>2005</b> , 381, 1186-92		17
1925	The synthesis and crystallographic characterisation of the complexes $[\text{RuX}(\text{CO})(\text{P}-\text{C}, \text{N}-\text{C}_6\text{H}_5\text{C}(\text{H})\text{NC}_6\text{H}_4-4\text{Me})(\text{PPh}_3)_2]\text{HCl}$ (X=Cl, Br, I, F): Evidence for competing $\text{Ru}\cdots\text{Cl}\cdots\text{HCl}_2$ and $\text{Ru}\cdots\text{HCl}_3$ interactions in the solid state. <b>2005</b> , 690, 3390-3396		5
1924	An ion-based chromogenic detecting method for phosphate-containing derivatives in physiological condition. <b>2005</b> , 109, 291-299		9
1923	Development of a One-Shot Optical Citrate Sensor Based on a Guanidinium Synthetic Receptor. <b>2005</b> , 151, 93-100		18

1922	Porous Solids of Divalent Metal Complexes Assembled Through Hydrogen Bonding and $\pi$ Stacking Interactions. <b>2005</b> , 16, 141-148	15
1921	New advances in fluorogenic anion chemosensors. <b>2005</b> , 15, 267-85	156
1920	Synthesis of a Naphthalimide Functionalized Calix[4]arene; A Host Type Fluorophore for Inclusion Compounds in Organic Medium. <b>2005</b> , 52, 189-193	4
1919	Synthesis, p-Nitrophenolate Complexation and Competitive Anion Signaling of Novel Calixpyrrole Dimer. <b>2005</b> , 53, 269-273	16
1918	New polydentate macrocyclic ligands of hybrid amine-imine and amide-imine types as artificial anion receptors. Synthesis and study of anion binding. <b>2005</b> , 54, 165-172	4
1917	A Calix[6]arene Receptor Rigidified by a Self-assembled Triammonium Cap: X-ray and NMR Characterization of the Binding of Polar Neutral Guests. <b>2005</b> , 17, 243-250	30
1916	A Tetrathiafulvalene-appended Calix[4]arene: Synthesis and Electrochemical Characterization. <b>2005</b> , 17, 465-468	13
1915	Review: The Design of Ligands for the Transport of Metal Salts in Extractive Metallurgy. <b>2005</b> , 17, 191-207	32
1914	Anion-assisted trans-cis isomerization of palladium(II) phosphine complexes containing acetanilide functionalities through hydrogen bonding interactions. <b>2005</b> , 1572-4	26
1913	Anion recognition using preorganized thiourea functionalized [3]polynorbornane receptors. <b>2005</b> , 7, 5357-60	142
1912	Fluorescent Anion Complexation Agents. <b>2005</b> , 59-118	7
1911	Urea vs. thiourea in anion recognition. <b>2005</b> , 3, 1495-500	321
1910	NH vs. CH hydrogen bond formation in metal-organic anion receptors containing pyrrolylpyridine ligands. <b>2005</b> , 4913-5	88
1909	Synthesis of Novel L-Proline Derived Macrocyclic Dioxopolyamines of C2 Symmetry. <b>2005</b> , 35, 271-278	2
1908	Are C-H groups significant hydrogen bonding sites in anion receptors? Benzene complexes with Cl <sup>-</sup> , NO <sub>3</sub> <sup>-</sup> , and ClO <sub>4</sub> <sup>-</sup> . <b>2005</b> , 127, 8282-3	145
1907	Anthrylmethylamine functionalised mesoporous silica-based materials as hybrid fluorescent chemosensors for ATP. <b>2005</b> , 15, 2721	85
1906	Cyclen based bis-macrocyclic ligands as phosphates receptors. A potentiometric and NMR study. <b>2005</b> , 3016-24	35
1905	Imidazolium functionalised acyclic ruthenium(II) bipyridyl receptors for anion recognition and luminescent sensing. <b>2005</b> , 15, 2784	70

1904	Non-linear transduction strategies for chemo/biosensing on small length scales. <b>2005</b> , 15, 2697	19
1903	Polyfunctionalized macrocycles demonstrate enantioselective and ditopic binding properties. <b>2005</b> , 3319-21	6
1902	Anion directed synthesis of a hydrogensulfate selective luminescent rotaxane. <b>2005</b> , 1909-11	83
1901	Evidencing a reaction intermediate in the formation of the Eu(III) bimetallic complex with p-tert-butylcalix[8]arene. <b>2005</b> , 7, 2191-8	10
1900	Synthesis, characterization, and luminescence properties of a new series of Eu <sup>3+</sup> -containing macrocycles. <b>2005</b> , 44, 9829-36	8
1899	Allosteric binding of anionic guests to a bicyclic host which imitates the action of a 'turnstile'. <b>2005</b> , 3805-7	41
1898	Naked eye detection of anions by alkynyl-ruthenium exo-receptors: selective recognition of fluoride anion. <b>2005</b> , 2924-6	36
1897	Contra-Hofmeister anion extraction by cyclosteroidal receptors. <b>2005</b> , 5263-5	51
1896	A colorimetric and fluorescent chemodosimeter: fluoride ion sensing by an axial-substituted subphthalocyanine. <b>2005</b> , 15, 2676	168
1895	Subphthalocyanines as fluoro-chromogenic probes for anions and their application to the highly selective and sensitive cyanide detection. <b>2005</b> , 5260-2	142
1894	Selective recognition of dihydrogen phosphate by receptors bearing pyridyl moieties as hydrogen bond acceptors. <b>2005</b> , 1720-2	89
1893	'Twisted' isophthalamide analogues. <b>2005</b> , 734-6	42
1892	Prodigiosin is a chloride carrier that can function as an anion exchanger. <b>2005</b> , 5781-3	97
1891	A calixarene-imide-tetrathiafulvalene assembly for the electrochemical detection of anions. <i>New Journal of Chemistry</i> , <b>2005</b> , 29, 1164	3.6 33
1890	Positive ion pair cooperativity exhibited for the binding of phosphate under physiological conditions. <b>2005</b> , 3, 3877-9	21
1889	Interfacial sensing: surface assembled molecular receptors. <b>2005</b> , 3509-13	16
1888	Highly effective phosphate electrochemical sensor based on tetrathiafulvalene. <b>2005</b> , 4777-9	54
1887	Conformational switching fluorescent chemosensor for chloride anion. <i>New Journal of Chemistry</i> , <b>2005</b> , 29, 777	3.6 77

- 1886 The synthesis and conformation of oxygenated trianglimine macrocycles. **2005**, 3, 524-37 50
- 1885 Order of the coordinating ability of polyatomic monoanions established from their interaction with a disilver(I) metallacyclophane skeleton. **2005**, 3529-31 38
- 1884 A fluoride-selective PCT chemosensor based on formation of a static pyrene excimer. **2005**, 7, 4839-42 304
- 1883 Ultrafast photoinduced electron transfer within a self-assembled donor-acceptor system. **2005**, 109, 5248-56 30
- 1882 Highly effective fluorescent and colorimetric sensors for pyrophosphate over H<sub>2</sub>PO<sub>4</sub><sup>-</sup> in 100% aqueous solution. **2005**, 70, 9603-6 126
- 1881 Anion-tri-s-triazine bonding: a case for anion recognition. **2005**, 109, 1926-32 16
- 1880 Disposable receptor-based optical sensor for nitrate. *Analytical Chemistry*, **2005**, 77, 4459-66 7.8 20
- 1879 Role of anions on the crystal structures of copper(II) and zinc(II) complexes of a tunable butterfly cyclophane macrocycle. **2005**, 44, 7503-10 7
- 1878 Influence of substituents on the strength of aryl C-H...anion hydrogen bonds. **2005**, 7, 5031-4 115
- 1877 New fluorescent chemosensor based on exciplex signaling mechanism. **2005**, 7, 2133-6 151
- 1876 Reactivity of Grubbs' catalysts with urea- and amide-substituted olefins. Metathesis and isomerization. **2005**, 70, 8235-8 40
- 1875 Tren-based tris-macrocycles as anion hosts. Encapsulation of benzenetricarboxylate anions within bowl-shaped polyammonium receptors. **2005**, 70, 4257-66 32
- 1874 Ion pairing in transition-metal organometallic chemistry. **2005**, 105, 2039-73 441
- 1873 Synthesis and anion binding properties of 2,5-diamidothiophene polypyrrole Schiff base macrocycles. **2005**, 7, 5277-80 36
- 1872 Reactivity of Poly(anilineboronic acid) with NAD<sup>+</sup> and NADH. **2005**, 17, 2918-2923 53
- 1871 Tetrakis(imidazolium) macrocyclic receptors for anion binding. **2005**, 3, 4201-8 91
- 1870 Chiral receptors for phosphate ions. **2005**, 3, 2632-9 90
- 1869 Materials for fluorescence-based optical chemical sensors. **2005**, 15, 2657 405



1868	Amidopyrroles: from anion receptors to membrane transport agents. <b>2005</b> , 3761-72	181
1867	Simple electrooptical sensors for inorganic anions. <b>2005</b> , 7, 5027-30	127
1866	A di-palladium urea complex as a molecular receptor for anions. <b>2005</b> , 4839-41	26
1865	Theoretical Study of the Interaction between the Guanidinium Cation and Chloride and Sulfate Anions. <b>2005</b> , 1, 1055-62	38
1864	Cationic fac-tris(pyrazole) complexes as anion receptors. <b>2005</b> , 546-8	54
1863	Fluorescent alizarin $\beta$ phenylboronic acid ensembles: design of self-organized molecular sensors for metal ions and anions. <b>2005</b> , 15, 2889	93
1862	Selective and unusual fluoride ion complexation by a steroidal receptor using OH...F- and CH...F- interactions: a new motif for anion coordination?. <b>2005</b> , 7, 1441-4	93
1861	Anion Receptor with Xylene Bridged Two Imidazolium Rings. <b>2005</b> , 17, 443-446	6
1860	A ditopic fluorescent sensor for potassium fluoride. <b>2005</b> , 945-7	84
1859	A new macrocycle demonstrates ditopic recognition properties. <b>2005</b> , 1393-5	27
1858	New chromogenic probes into nanoscopic pockets in enhanced sensing protocols for amines in aqueous environments. <b>2005</b> , 7, 5469-72	34
1857	Selective anion sensing by a tris-amide CTV derivative: <sup>1</sup> H NMR titration, self-assembled monolayers, and impedance spectroscopy. <b>2005</b> , 127, 2006-11	80
1856	Preparation, solid-state characterization, and computational study of a crown ether attached to a squaramide. <b>2005</b> , 7, 1437-40	32
1855	A ratiometric fluorescent chemosensor for fluoride ions based on a proton transfer signaling mechanism. <b>2005</b> , 15, 2681	207
1854	Hydrogen-bonding-driven preorganized zinc porphyrin receptors for efficient complexation of C60, C70, and C60 derivatives. <b>2005</b> , 127, 17460-8	140
1853	Double-cavity calix[4]pyrrole derivative with enhanced capacity for the fluoride anion. <b>2005</b> , 109, 17440-4	28
1852	A coordinatively saturated sulfate encapsulated in a metal-organic framework functionalized with urea hydrogen-bonding groups. <b>2005</b> , 5971-3	162
1851	Calixarene-based Anion Receptors. <b>2005</b> , 17, 411-435	194

1850	Metal-enhanced H-bond donor tendencies of urea and thiourea toward anions: ditopic receptors for silver(I) salts. <b>2005</b> , 44, 8690-8		62
1849	Pyrylium-containing polymers as sensory materials for the colorimetric sensing of cyanide in water. <b>2005</b> , 2790-2		167
1848	Carboxylate anions binding and sensing by a novel tetraazamacrocycle containing ferrocene as receptor. <b>2005</b> , 3297-306		15
1847	Luminescent complexes of Re(I) and Ru(II) with appended macrocycle groups derived from 5,6-dihydroxyphenanthroline: cation and anion binding. <b>2005</b> , 528-36		78
1846	Photophysical and structural impact of phosphorylated anions associated to lanthanide complexes in water. <b>2005</b> , 44, 7151-60		48
1845	Detection of anions using a fluorescent alizarin-phenylboronic acid ensemble. <b>2005</b> , 2846-8		75
1844	Dipyrrole carboxamide derived selective ratiometric probes for cyanide ion. <b>2006</b> , 8, 5053-6		193
1843	Fluorescent Receptor Bearing Two 2-Aminobenzimidazole Moieties for Dicarboxylates. <b>2006</b> , 18, 97-101		18
1842	Anion-templated assembly of interpenetrated and interlocked structures. <b>2006</b> , 2105-17		155
1841	Molecular Recognition of Neutral and Charged Guests using Metallomacrocyclic Hosts. <b>2006</b> , 59, 109-173		16
1840	A highly selective fluorescent sensor for fluoride through ESPT signaling transduction. <i>New Journal of Chemistry</i> , <b>2006</b> , 30, 1207	3.6	58
1839	Bifunctional charge transfer operated fluorescent probes with acceptor and donor receptors. 1. Biphenyl-type sensor molecules with protonation-induced anti-energy gap rule behavior. <b>2006</b> , 110, 10956-71		29
1838	Pyrrylamidourea based anion receptors. <i>New Journal of Chemistry</i> , <b>2006</b> , 30, 1019	3.6	80
1837	Encapsulation of metal cations and anions within the cavity of bis(1,4,7-triazacyclononane) receptors. <b>2006</b> , 1409-18		21
1836	Azocalix[4]arene-based chromogenic anion probes. <i>New Journal of Chemistry</i> , <b>2006</b> , 30, 143	3.6	44
1835	Fluoride anion binding by cyclic boronic esters: influence of backbone chelate on receptor integrity. <b>2006</b> , 3660-7		65
1834	Anion templated double cyclization assembly of a chloride selective [2]catenane. <b>2006</b> , 3676-8		66
1833	Selective recognition and electrochemical sensing of dicarboxylates with a ferrocene-based bis(o-trifluoroacetylcarboxanilide) receptor. <b>2006</b> , 3314-6		27

1832	Anion induced binding electrochemical signal transduction in ferrocenyl benzolimidazolium podands. <i>New Journal of Chemistry</i> , <b>2006</b> , 30, 266-271	3.6	41
1831	Cooperative AND receptor for ion-pairs. <b>2006</b> , 612-4		103
1830	Inclusive coordination of F <sup>-</sup> , Cl <sup>-</sup> and Br <sup>-</sup> anions into macrobicyclic polyammonium receptors. <i>New Journal of Chemistry</i> , <b>2006</b> , 30, 959-965	3.6	9
1829	Solution state coordination polymers featuring wormlike macroscopic structures and cage-polymer interconversions. <b>2006</b> , 4218-20		34
1828	Host-guest complexation of a fluorescent and electrochemical chemsensor for fluoride anion. <b>2006</b> , 1271-6		48
1827	Sandwich-shaped silver(I) metallomacrocycles encapsulating a XF <sub>6</sub> (2-) (X = Si, Ge and Sn) anion. <b>2006</b> , 2161-3		26
1826	Host-guest interaction between cyclen based macrotricyclic ligands and phosphate anions. A potentiometric investigation. <b>2006</b> , 3418-26		29
1825	Anion-π interaction augments halide binding in solution. <b>2006</b> , 506-8		175
1824	Fluorescence modulation in anion sensing by introducing intramolecular H-bonding interactions in host-guest adducts. <b>2006</b> , 186-8		223
1823	Specific interaction of citrate with bis(fluorophoric) bibrachial lariat aza-crown in comparison with the other components of the Krebs cycle. <b>2006</b> , 3824-6		29
1822	Design and synthesis of heteroditopic aza-thioether macrocycles for metal extraction. <i>New Journal of Chemistry</i> , <b>2006</b> , 30, 1755-1767	3.6	23
1821	ATP recognition and sensing with a phenanthroline-containing polyammonium receptor. <b>2006</b> , 4087-9		62
1820	A new twist in anion binding: metallo-helicate hosts for anionic guests. <b>2006</b> , 1277-84		82
1819	Boron: Organoboranes. <b>2006</b> ,		1
1818	Polymers as Drugs. <b>2006</b> , 9-58		32
1817	A highly selective chromo- and fluorogenic dual responding fluoride sensor: naked-eye detection of F <sup>-</sup> ion in natural water via a test paper. <b>2006</b> , 3678-84		117
1816	Anion-π interactions as controlling elements in self-assembly reactions of Ag(I) complexes with π-acidic aromatic rings. <b>2006</b> , 128, 5895-912		281
1815	Synthesis and characterization of silver(I) coordination networks bearing flexible thioethers: anion versus ligand dominated structures. <b>2006</b> , 45, 1560-74		71

1814	Novel bile acid-based cyclic bisimidazolium receptors for anion recognition. <b>2006</b> , 8, 1755-8	60
1813	A unique NH-spacer for N-benzamidothiourea based anion sensors. Substituent effect on anion sensing of the ICT dual fluorescent N-(p-dimethylaminobenzamido)-N'-arylthioureas. <b>2006</b> , 4, 624-30	97
1812	Pyridinium CH...anion and pi-stacking interactions in modular tripodal anion binding hosts: ATP binding and solid-state chiral induction. <b>2006</b> , 4, 781-6	54
1811	A conformationally flexible, urea-based tripodal anion receptor: solid-state, solution, and theoretical studies. <b>2006</b> , 71, 1598-608	148
1810	Ag(I) Complexes Generated from Double Schiff-Base Ligand with Thiazole as the Terminal Binding Sites. <b>2006</b> , 6, 2475-2485	41
1809	Iron: Organometallic Chemistry Based in part on the article Iron: Organometallic Chemistry by James R. Green which appeared in the Encyclopedia of Inorganic Chemistry, First Edition.. <b>2006</b> ,	1
1808	Synthesis and characterization of a tripodal amide ligand and its binding with anions of different dimensionality. <b>2006</b> , 45, 4372-80	65
1807	A bis-guanidine-based multisignaling sensor molecule that displays redox-ratiometric behavior or fluorescence enhancement in the presence of anions and cations. <b>2006</b> , 8, 2107-10	65
1806	Hybrid Lewis acid/hydrogen-bond donor receptor for fluoride. <b>2006</b> , 8, 2747-9	91
1805	A chromogenic macrocycle exhibiting cation-selective and anion-controlled color change: an approach to understanding structure-color relationships. <b>2006</b> , 8, 1641-3	101
1804	1,3-indane-based chromogenic calixpyrroles with push-pull chromophores: synthesis and anion sensing. <b>2006</b> , 8, 359-62	134
1803	Fluorescence Sensing. <b>2006</b> , 623-673	28
1802	De novo structure-based design of bisurea hosts for tetrahedral oxoanion guests. <b>2006</b> , 128, 2035-42	74
1801	Crystal structure of a CsF-uranyl-salen complex. An unusual cesium-chlorine coordination. <b>2006</b> , 45, 6099-101	29
1800	Metal-controlled assembly and selectivity of a urea-based anion receptor. <b>2006</b> , 45, 6138-47	69
1799	Performance of Chelating Resins Containing Calixpyrroles in Sorption of Anions. <b>2006</b> , 41, 3431-3447	7
1798	Influence of the Anion on the Structure of Bis(methylthio)methane Supramolecular Coordination Complexes. <b>2006</b> , 6, 2674-2685	94
1797	Heptametallic bowl-shaped complexes derived from conjugated Schiff-base macrocycles: synthesis, characterization, and X-ray crystal structures. <b>2006</b> , 45, 5248-50	97

1796	Molecular Capsules Based on Cucurbit[5]uril Encapsulating Naked Anion Chlorine. <b>2006</b> , 6, 2611-2614	109
1795	Toward the Recognition of Enolates/Dicarboxylates: Syntheses and X-ray Crystal Structures of Supramolecular Architectures of Zn(II)/Cd(II) Using 2,2-Biimidazole. <b>2006</b> , 6, 701-707	53
1794	Hydrogen-Bonded Assembly of Water and Chloride in a 3D Supramolecular Host. <b>2006</b> , 6, 36-39	73
1793	Supramolecular probe for bicarbonate exhibiting anomalous pyrene fluorescence in aqueous media. <b>2006</b> , 128, 4498-9	49
1792	Bifunctional charge transfer operated fluorescent probes with acceptor and donor receptors. 2. Bifunctional cation coordination behavior of biphenyl-type sensor molecules incorporating 2,2':6',2''-terpyridine acceptors. <b>2006</b> , 110, 10972-84	29
1791	Highly sensitive sensory materials for fluoride ions based on the dithieno[3,2-b:2',3'-d]phosphole system. <b>2006</b> , 8, 495-7	88
1790	Toward electron encapsulation: polynitrile approach. <b>2006</b> , 110, 8126-36	10
1789	The Chemistry of Molecular Recognition Host Molecules and Guest Molecules. <b>2006</b> , 7-44	4
1788	Metal-organic frameworks exhibiting strong anion-pi interactions. <b>2006</b> , 4808-10	88
1787	A colorimetric chemosensor for both fluoride and transition metal ions based on dipyrrolyl derivative. <b>2006</b> , 795-801	54
1786	Naked-eye detection of fluoride ion in water: a remarkably selective easy-to-prepare test paper. <b>2006</b> , 624-6	186
1785	Ruthenium biimidazole complexes as anion receptors. <b>2006</b> , 91-3	67
1784	An Ion-selective Electrode for Anion Perchlorate in Thick-film Technology. <b>2006</b> , 6, 480-491	7
1783	Effect of intramolecular hydrogen bonding of carboxyl groups in self-assembled monolayers on a single force with phenylurea on an AFM probe tip. <b>2006</b> , 22, 521-7	8
1782	Direct Observation of Specific Intermolecular Forces in Functional Molecules by Atomic Force Microscopy. <b>2006</b> , 55, 369-380	
1781	Anion Sensing with Luminescent Tris(β-diketonato)europium(III) Complexes and Naked-Eye Detection of Fluoride Anion. <b>2006</b> , 79, 725-730	23
1780	Design and Synthesis of Bis(Zn(II))Dipicolylamine)-Based Fluorescent Artificial Chemosensors for Phosphorylated Proteins/Peptides. <b>2006</b> , 79, 35-46	36
1779	Hexamide Molecule Annexed with Pyrenes for Selective Detection of Phosphate and Pyrophosphate Ions by Ratiometric Fluorescence Changes. <b>2006</b> , 53, 1439-1446	8

1778	Metallo dendritic Exo-Receptors for the Redox Recognition of Oxo-Anions and Halides. <b>2006</b> , 121-148	13
1777	Intermolecular Se <sup>VI</sup> Interactions Identified in Cu <sub>11</sub> ( $\beta$ -Se)( $\beta$ -I) <sub>3</sub> [Se <sub>2</sub> P(OEt) <sub>2</sub> ] <sub>6</sub> Form a One Dimensional Polymeric Chain. <b>2006</b> , 53, 825-830	9
1776	Hydrogen Bonding & Dihydrogen Bonding. <b>2006</b> ,	
1775	Anion recognition using newly synthesized hydrogen bonding diamide receptors: PVC based sensors for carbonate. <b>2006</b> , 52, 951-957	46
1774	A highly selective Ru-based chemosensor for fluoride ion. <b>2006</b> , 9, 802-805	13
1773	Optical sensing of cyanide using hybrid biomolecular films. <b>2006</b> , 9, 1239-1242	24
1772	Organotin compounds: an ionophore system for fluoride ion recognition. <b>2006</b> , 577, 91-7	30
1771	Some guidelines for the design of anion receptors. <b>2006</b> , 250, 1451-1470	222
1770	Indicator displacement assays. <b>2006</b> , 250, 3118-3127	563
1769	Receptors for tetrahedral oxyanions. <b>2006</b> , 250, 3004-3037	408
1768	Strategic anion templation. <b>2006</b> , 250, 3142-3160	98
1767	Anions as templates in coordination and supramolecular chemistry. <b>2006</b> , 250, 3161-3189	258
1766	Anion coordination and anion-templated assembly: Highlights from 2002 to 2004. <b>2006</b> , 250, 3219-3244	374
1765	A modular approach to organic, coordination complex and polymer based podand hosts for anions. <b>2006</b> , 250, 3200-3218	121
1764	Influence of dimensionality and charge on anion binding in amide-based macrocyclic receptors. <b>2006</b> , 250, 3038-3052	180
1763	Reflections on the construction of anion receptors. <b>2006</b> , 250, 2918-2928	186
1762	Polyamine-based anion receptors: Extraction and structural studies. <b>2006</b> , 250, 2987-3003	117
1761	Anion recognition and sensing in organic and aqueous media using luminescent and colorimetric sensors. <b>2006</b> , 250, 3094-3117	1121

1760	N-confused calix[4]pyrroles. <b>2006</b> , 250, 2929-2938		129
1759	Corroles as receptors in liquid membrane electrodes and their potentiometric response towards salicylic acid. <b>2006</b> , 51, 2282-2288		25
1758	Second sphere coordination in binding large size anions: Synthesis, characterisation and X-ray structure determination of [trans-Co(en)2Cl2]C6NO2SO3H3Cl and [trans-Co(en)2Cl2]2S4O6. <i>Journal of Molecular Structure</i> , <b>2006</b> , 794, 303-310	3-4	7
1757	Nanocluster cores (X=Br, I): From inorganic solid state compounds to hybrids. <b>2006</b> , 359, 1705-1709		40
1756	Syntheses and characterization of new (pyrazolato)(pyrazole) rutheniums with $\beta$ -polypyrazolylborates: Halogeno-anion binding through the tris(pyrazole) moiety. <b>2006</b> , 359, 990-997		14
1755	Synthesis of a series of ruthenium and rhodium complexes with tridentate pyridine-based ligands containing hydrogen bonding groups. <b>2006</b> , 359, 3709-3722		12
1754	Synthesis and Cu(II) coordination of two new hexaamines containing alternated propylenic and ethylenic chains: Kinetic studies on pH-driven metal ion slippage movements. <b>2006</b> , 359, 2004-2014		12
1753	Anion-templating self-assembly of [Cu2(OMe)2]2+ SBUs depending on the size of the anion in the solid state. <i>Polyhedron</i> , <b>2006</b> , 25, 2318-2324	2-7	9
1752	Fluoride ion detection by 8-hydroxyquinoline-Zr(IV)-EDTA complex. <b>2006</b> , 65, 565-70		22
1751	Fluoride-selective colorimetric sensor based on thiourea binding site and anthraquinone reporter. <b>2006</b> , 65, 633-7		45
1750	A novel colorimetric sensor of dihydrogen-phosphate based on metal complex between 8-hydroxy quinoline-5-azo-4'-nitrobenzene and cobalt. <b>2006</b> , 65, 925-9		19
1749	Using of hydrogen ion-selective poly(vinyl chloride) membrane electrode based on calix[4]arene as thiocyanate ion-selective electrode. <b>2006</b> , 113, 290-296		44
1748	Ferrocene-substituted calix[4]pyrrole modified carbon paste electrodes for anion detection in water. <b>2006</b> , 591, 223-228		37
1747	Specific binding of glycoproteins with poly(aniline boronic acid) thin film. <b>2006</b> , 591, 210-216		48
1746	Second-sphere coordination in anion binding: Synthesis and characterization of hexaamminecobalt(III) salts [Co(NH3)6](L)3·nH2O and [Co(NH3)6]Cl(L)2, L=(CH3)3C6H2SO3 and X-ray structure determination of [Co(NH3)6]Cl(L)2. <i>Journal of Molecular Structure</i> , <b>2006</b> , 784, 117-123	3-4	15
1745	A new tripodal anion receptor with selective binding for H2PO4 <sup>-</sup> and F <sup>-</sup> ions. <b>2006</b> , 62, 765-770		34
1744	UV-Vis and fluorescence spectroscopic detection of anions by the conformational restriction of 2,2'-binaphthalene derivatives bearing thiourea groups through a methylene spacer. <b>2006</b> , 62, 4844-4850		55
1743	Fluorescent imidazolium receptors for the recognition of pyrophosphate. <b>2006</b> , 62, 6065-6072		91

1742	Mesitylene based azo-coupled chromogenic tripodal receptors for visual detection of Ag(I) in aqueous medium. <b>2006</b> , 62, 7878-7886	64
1741	Hg <sup>2+</sup> sensing in aqueous solutions: an intramolecular charge transfer emission quenching fluorescent chemosensors. <b>2006</b> , 62, 8379-8383	48
1740	Structure, intramolecular flexibility, and complexation of aza crown ethers to anions H <sub>2</sub> PO <sub>4</sub> <sup>-</sup> and HSO <sub>4</sub> <sup>-</sup> in nonprotic solvents. <b>2006</b> , 62, 10237-10247	8
1739	Evaluation of a simple and novel fluorescent anion sensor, 4-quinolone, and modification of the emission color by substitutions based on molecular orbital calculations. <b>2006</b> , 62, 10065-10071	16
1738	Cholic acid-based high sensitivity fluorescent sensor for malonate: an intramolecular excimer emission quenched by complexation. <b>2006</b> , 62, 11687-11696	42
1737	Foldamer-based pyridine fullerene tweezer receptors for enhanced binding of zinc porphyrin. <b>2006</b> , 62, 11054-11062	17
1736	New self-assembled dinuclear Pd(II) and Pt(II) metallomacrocycles of a 4,4'-bipyridin-1-ium ligand with an inner cavity. <b>2006</b> , 47, 3119-3122	30
1735	Anthracene derivatives bearing thiourea group as fluoride selective fluorescent and colorimetric chemosensors. <b>2006</b> , 47, 3103-3106	85
1734	Fluoride sensing with a PCT-based calix[4]arene. <b>2006</b> , 47, 4373-4376	68
1733	Synthesis of supramolecular boron complex with anthryl groups exhibiting specific optical response for chloride ion. <b>2006</b> , 47, 4947-4950	15
1732	Fluorescent anion sensors based on 4-amino-1,8-naphthalimide that employ the 4-amino NMI. <b>2006</b> , 47, 5241-5245	74
1731	Effectively selective fluorescent chemosensor for terephthalate. <b>2006</b> , 47, 5641-5643	19
1730	Biindolyl-based molecular clefts that bind anions by hydrogen-bonding interactions. <b>2006</b> , 47, 6385-6388	50
1729	Development of colorimetric receptors for selective discrimination between isomeric dicarboxylate anions. <b>2006</b> , 47, 7357-7361	35
1728	2,6-Bis(2-benzimidazolyl)pyridine receptor for urea recognition. <b>2006</b> , 47, 8115-8117	32
1727	A molecular receptor that selectively binds dihydrogen phosphate. <b>2006</b> , 47, 8539-8541	58
1726	An anionic chromogenic sensor based on protonated Reichardt's pyridinophenolate. <b>2006</b> , 47, 9339-9342	21
1725	Anion sensing using colorimetric amidourea based receptors incorporated into a 1,3-disubstituted calix[4]arene. <b>2006</b> , 47, 9333-9338	106



1724	Molecular structures of 3,4-dichloro-2,5-diamido-substituted pyrrole anion dimers, their deprotonation reactions in systems with and without fluoride ion. <b>2006</b> , 772, 23-30		8
1723	Tripodal Receptors for Cation and Anion Sensors. <b>2006</b> , 6, 978-1017		102
1722	Chemical Modifications of Calixarenes and their Analytical Applications. <b>2006</b> , 25,		15
1721	Dynamic self-assembly of an M3L6 molecular triangle and an M4L8 tetrahedron from naked Pd(II) ions and bis(3-pyridyl)-substituted arenes. <i>Chemistry - an Asian Journal</i> , <b>2006</b> , 1, 82-90	4-5	101
1720	Design of dual-emission chemosensors for ratiometric detection of ATP derivatives. <i>Chemistry - an Asian Journal</i> , <b>2006</b> , 1, 555-63	4-5	94
1719	Halide-anion binding by singly and doubly N-confused porphyrins. <i>Chemistry - an Asian Journal</i> , <b>2006</b> , 1, 832-44	4-5	56
1718	New isocyanatomethoxycalix[4]arenes in the design of anion receptors. <b>2006</b> , 16, 24-26		4
1717	Steric and energetic properties of the Cl <sub>6</sub> H <sub>6</sub> Ar <sub>n</sub> heterocluster. <b>2006</b> , 38, 185-191		27
1716	Fluorescent sensing of maleate versus fumarate by a neutral cyclohexane based thiourea receptor. <b>2006</b> , 761-3		42
1715	A modular approach to anion binding podands: adaptability in design and synthesis leads to adaptability in properties. <b>2006</b> , 2637-49		190
1714	A self-organized ensemble of fluorescent 3-hydroxyflavone-Al (III) complex as sensor for fluoride and acetate ions. <b>2007</b> , 17, 1-5		35
1713	Acetate-Selective Anion Receptor with Methylene-Bridged Bis-Imidazolium Rings. <b>2006</b> , 54, 129-132		11
1712	Amidocrownphanes as Anion Receptor. <b>2006</b> , 55, 151-157		10
1711	Simultaneous determination of dopamine and ascorbic acid on poly (3,4-ethylenedioxythiophene) modified glassy carbon electrode. <b>2006</b> , 10, 905-913		78
1710	Study of interactions of various ionic species with solvents toward the design of receptors. <b>2006</b> , 115, 127-135		49
1709	Novel chiral fluorescent macrocyclic receptors: synthesis and recognition for amino acid anions. <b>2006</b> , 17, 2143-2148		19
1708	Highly selective oxalate-membrane electrode based on 2,2'-[1,4-butandiyle bis(nitrilo propylidene)]bis-1-naphtholato copper(II). <b>2006</b> , 21, 1156-62		13
1707	Convenient synthesis and anion recognition properties of N-fluorobenzoyl-N'-phenylthioureas in water-containing media. <b>2006</b> , 127, 1222-1227		34

1706	Anion binding with some 22- and 28-membered selenaza macrocycles: Structural aspects and <sup>77</sup> Se NMR studies. <b>2006</b> , 691, 2793-2809		7
1705	Pyrazole complexes as anion receptors. <i>Chemistry - A European Journal</i> , <b>2006</b> , 12, 2244-51	4.8	44
1704	Comparative analyses of a family of potential self-replicators: the subtle interplay between molecular structure and the efficacy of self-replication. <i>Chemistry - A European Journal</i> , <b>2006</b> , 12, 6829-40	4.8	37
1703	Flexibility of inorganic tennis ball structures inducing anion selectivity. <i>Chemistry - A European Journal</i> , <b>2006</b> , 12, 7078-83	4.8	7
1702	Hydrogen-bonded self-assembly of pyridinium and anilinium bisphenols mediated by the hydrogen difluoride ion: towards control of C-H...pi (aromatic) interactions. <i>Chemistry - A European Journal</i> , <b>2006</b> , 12, 4994-5000	4.8	21
1701	Probing structural effects on replication efficiency through comparative analyses of families of potential self-replicators. <i>Chemistry - A European Journal</i> , <b>2006</b> , 12, 8798-812	4.8	32
1700	Sodium chloride enhanced oligomerization of L-arginine. <b>2006</b> , 81, 1-7		10
1699	Assembly of dendrimers with redox-active [ $\text{CpFe}(\mu_3\text{-CO})_4$ ] clusters at the periphery and their application to oxo-anion and adenosine-5'-triphosphate sensing. <i>Angewandte Chemie - International Edition</i> , <b>2005</b> , 45, 132-6	16.4	61
1698	Heteroditopic Rebek's imide directs the reactivity of homoditopic olefins within desolvated quaternary assemblies in the solid state. <i>Angewandte Chemie - International Edition</i> , <b>2006</b> , 45, 646-50	16.4	64
1697	Label-free, real-time glycosyltransferase assay based on a fluorescent artificial chemosensor. <i>Angewandte Chemie - International Edition</i> , <b>2006</b> , 45, 665-8	16.4	69
1696	Two chloride ions as a template in the formation of a cyclic hexaurea. <i>Angewandte Chemie - International Edition</i> , <b>2006</b> , 45, 1648-52	16.4	50
1695	Precedent and theory unite in the hypothesis of a highly selective fluoride receptor. <i>Angewandte Chemie - International Edition</i> , <b>2006</b> , 45, 2890-3	16.4	107
1694	Regulating supramolecular function in membranes: calixarenes that enable or inhibit transmembrane Cl <sup>-</sup> transport. <i>Angewandte Chemie - International Edition</i> , <b>2006</b> , 45, 3334-8	16.4	74
1693	The supramolecular chemistry of organic-inorganic hybrid materials. <i>Angewandte Chemie - International Edition</i> , <b>2006</b> , 45, 5924-48	16.4	469
1692	Bis(Dpa-Zn(II)) appended xanthone: excitation ratiometric chemosensor for phosphate anions. <i>Angewandte Chemie - International Edition</i> , <b>2006</b> , 45, 5518-21	16.4	168
1691	Amide-based ligands for anion coordination. <i>Angewandte Chemie - International Edition</i> , <b>2006</b> , 45, 7882-94	16.4	381
1690	New methods for anion recognition and signaling using nanoscopic gate-like scaffoldings. <i>Angewandte Chemie - International Edition</i> , <b>2006</b> , 45, 6661-4	16.4	99
1689	1,3,5-Triazine-Based Synthons in Supramolecular Chemistry. <b>2006</b> , 2006, 29-42		119

1688	Luminescence Modulation of a Terbium Complex with Anions and Its Application as a Reagent. <b>2006</b> , 2006, 2277-2284		28
1687	Luminescent Cyclometalated Iridium(III) Polypyridine Complexes Containing a Thiourea Moiety: Synthesis, Characterization, Photophysics, Electrochemistry and Anion-Binding Properties. <b>2006</b> , 2006, 4054-4062		31
1686	Quantum Chemical Analysis of the Enantiomerisation Mechanism of Complexes of the Type [MII(XU) <sub>4</sub> ]F <sup>+</sup> (M = Pt, Pd, Ni; X = S, Se, Te; U = urea). <b>2006</b> , 2006, 4063-4067		31
1685	The Synthesis and Structure of Linear and Dendritic Thiourea-Linked Glycooligomers. <i>European Journal of Organic Chemistry</i> , <b>2006</b> , 2006, 183-196	3.2	8
1684	The Underestimated Role of Counter Ions in Electrostatic Self-Assembly:[1+1] Cavitand-Calix[4]arene Capsules Based on Azinium Sulfonate Interactions. <i>European Journal of Organic Chemistry</i> , <b>2006</b> , 2006, 2810-2816	3.2	17
1683	Imidazolium-Based [14]Heterophanes as Models for Anion Recognition. <i>European Journal of Organic Chemistry</i> , <b>2006</b> , 2006, 3988-3996	3.2	32
1682	Electronic Off-On Molecular Switch for Rapid Detection of Thrombin. <i>Electroanalysis</i> , <b>2006</b> , 18, 1957-1962		45
1681	Two Multi-armed Neutral Receptors for Dicarboxylate Anions. <b>2006</b> , 24, 527-532		1
1680	Study on the Anion Recognition Properties of Synthesized Receptors (III): Convenient Synthesis and Anion Recognition Property of Bisthiosemicarbazone Derivative. <b>2006</b> , 24, 1406-1410		4
1679	Assembly of Dendrimers with Redox-Active [CpFe(β-CO)] <sub>4</sub> Clusters at the Periphery and Their Application to Oxo-Anion and Adenosine-5'-Triphosphate Sensing. <i>Angewandte Chemie</i> , <b>2006</b> , 118, 138-142	3.6	4
1678	Heteroditopic Rebek's Imide Directs the Reactivity of Homoditopic Olefins within Desolvated Quaternary Assemblies in the Solid State. <i>Angewandte Chemie</i> , <b>2006</b> , 118, 662-666	3.6	18
1677	Label-Free, Real-Time Glycosyltransferase Assay Based on a Fluorescent Artificial Chemosensor. <i>Angewandte Chemie</i> , <b>2006</b> , 118, 681-684	3.6	16
1676	Zwei Chloridionen als Templat bei der Bildung eines cyclischen Hexaharnstoff-Molekls. <i>Angewandte Chemie</i> , <b>2006</b> , 118, 1679-1682	3.6	15
1675	Precedent and Theory Unite in the Hypothesis of a Highly Selective Fluoride Receptor. <i>Angewandte Chemie</i> , <b>2006</b> , 118, 2956-2959	3.6	26
1674	Regulating Supramolecular Function in Membranes: Calixarenes that Enable or Inhibit Transmembrane Cl <sup>-</sup> Transport. <i>Angewandte Chemie</i> , <b>2006</b> , 118, 3412-3416	3.6	9
1673	Die supramolekulare Chemie organisch-anorganischer Hybrid-Nanomaterialien. <i>Angewandte Chemie</i> , <b>2006</b> , 118, 6068-6093	3.6	93
1672	Bis(Dpa-ZnII) Appended Xanthone: Excitation Ratiometric Chemosensor for Phosphate Anions. <i>Angewandte Chemie</i> , <b>2006</b> , 118, 5644-5647	3.6	28
1671	Anionenkoordination mit Amidliganden. <i>Angewandte Chemie</i> , <b>2006</b> , 118, 8048-8061	3.6	60

- 1670 New Methods for Anion Recognition and Signaling Using Nanoscopic Gatelike Scaffoldings. *Angewandte Chemie*, **2006**, 118, 6813-6816 3.6 32
- 1669 Calix[4]arene Anion Receptors Bearing 2,2,2-trifluoroethanol Groups at The Upper Rim. **2006**, 18, 199-218 13
- 1668 Facilitated Chloride Transport Across Phosphatidylcholine Bilayers by an Acyclic Calixarene Derivative: Structure-Function Relationships. **2006**, 18, 257-264 21
- 1667 Anion Binding Tripodal Receptors as Structural Models for the Active Site of Vanadium Haloperoxidases and Acid Phosphatases. **2006**, 18, 55-58 10
- 1666 Electrochemical Signature of the Coordination Mode in Metal Complexes With a tris-Ferrocenyl Derivative of the Taci Ligand. **2006**, 18, 13-21 2
- 1665 Modular assembly of a preorganised, ditopic receptor for dicarboxylates. **2006**, 156-8 34
- 1664 Imidazolium receptors for the recognition of anions. **2006**, 35, 355-60 726
- 1663 CH...anion interaction in BF<sub>2</sub> complexes of C<sub>3</sub>-bridged oligopyrroles. **2006**, 71, 2389-94 61
- 1662 Efficient Cu<sup>2+</sup>-selective-quinoxalone derivatives Host: Experiment and Theory. **2007**,
- 1661 Visible Colorimetric Sensor for Fluoride Ion Based on o-Phenylenediamine. **2007**, 19, 511-516 17
- 1660 Designing Ionophores and Molecular Nanotubes Based on Molecular Recognition. **2007**, 19, 321-332 66
- 1659 Synthesis, structure, and complexing properties of macrocyclic receptors for anions. **2007**, 79, 1087-1096 29
- 1658 Imidazolium-Based Dicationic Cyclophanes. Solid-State Aggregates with Unconventional (CH)<sub>2</sub>...C≡C...H Hydrogen Bonding Revealed by X-ray Diffraction. **2007**, 19, 501-509 33
- 1657 Anion Receptors with Glycoluril Molecular Scaffold. **2007**, 19, 243-249 5
- 1656 A Novel N-linked Peptidocalix[4]arene Receptor for Anions. **2007**, 19, 531-535 2
- 1655 Di-palladium Complexes with Urea-containing Ligands as Anion Receptors. **2007**, 19, 599-611 10
- 1654 Supramolecular Interaction of Keto-substituted Pyrroles. **2007**, 19, 493-500 9
- 1653 Synthesis and Binding Properties of Anion Receptors Containing Multiple Hydrogen Bond Donors. **2007**, 19, 257-263 36

1652	Fluorescent Change Of Pyreneamide Bearing Calix[4]crown-5: Inhibit Logic Gate In K <sup>+</sup> -induced Complexation. <b>2007</b> , 19, 283-286		9
1651	De novo design approach based on nanorecognition toward development of functional molecules/materials and nanosensors/nanodevices. <b>2007</b> , 79, 1057-1075		37
1650	Convenient Preparation of Chiral Dipyrrolylmethanes Containing a Chiral Moiety. <b>2007</b> , 72, 1046-1056		1
1649	An Axial Subphthalocyanine as Ratiometric Fluoride Ion Sensor. <b>2007</b> , 36, 664-665		15
1648	Fluorescence turn on of coumarin derivatives by metal cations: a new signaling mechanism based on C=N isomerization. <b>2007</b> , 9, 33-6		501
1647	Molecular structures of 3,6-di(hexylthioureido)acridine conformers, their protonation, <sup>1</sup> H NMR and IR analyses: Theoretical and experimental studies. <i>Journal of Molecular Structure</i> , <b>2007</b> , 832, 16-25	3.4	1
1646	Selective sensing of dihydrogen phosphate anion by a fluorescent tetranuclear pentacoordinated zinc(II) complex. <i>New Journal of Chemistry</i> , <b>2007</b> , 31, 357	3.6	22
1645	Steric and electronic factors influencing recognition by a simple, charge neutral norbornene based anion receptor. <b>2007</b> , 5, 1343-6		58
1644	Anion recognition and anion-mediated self-assembly with thiourea-functionalised fused [3]polynorbornyl frameworks. <b>2007</b> , 5, 1894-902		56
1643	Phenol- and catechol-based ruthenium(II) polypyridyl complexes as colorimetric sensors for fluoride ions. <b>2007</b> , 46, 5576-84		144
1642	Sulfate separation by selective crystallization of a urea-functionalized metal-organic framework. <b>2007</b> , 1541-3		101
1641	Rugby-ball-shaped sulfate-water-sulfate adduct encapsulated in a neutral molecular receptor capsule. <b>2007</b> , 46, 5817-9		118
1640	Anion-selective interaction and colorimeter by an optical metalloreceptor based on ruthenium(II) 2,2'-biimidazole: hydrogen bonding and proton transfer. <b>2007</b> , 46, 6427-36		134
1639	Improved nitrate sensing using ion selective electrodes based on urea-calixarene ionophores. <i>New Journal of Chemistry</i> , <b>2007</b> , 31, 587-592	3.6	49
1638	A New Phosphonium Calix[4]arene for Selective Anion Recognition: Synthesis and Studies in Solution and in Ion Selective Electrodes. <b>2007</b> , 19, 459-466		15
1637	Ionic core-shell dendrimers with a polycationic core: structural aspects and host-guest binding properties. <i>New Journal of Chemistry</i> , <b>2007</b> , 31, 1337	3.6	16
1636	Synthesis, structural characterization and anion binding studies of palladium macrocycles with hydrogen-bonding ligands. <b>2007</b> , 3516-25		28
1635	A novel trinuclear Re(I) complex containing 1,3,4-thiadiazole-2,5-dithiolate: structural and spectroscopic properties. <i>New Journal of Chemistry</i> , <b>2007</b> , 31, 199	3.6	12

1634	Evidence of anion-induced dimerization of a squaramide-based host in protic solvents. <b>2007</b> , 963-5		29
1633	Recent progress in synthesis of ferrocenyl dendrimers and their application in anion recognition. <b>2007</b> , 10, 131-143		7
1632	Oxo-anion binding by protonated (dimethylphenyl)(pyridyl)ureas. <b>2007</b> , 9, 676		77
1631	Di-pyrrolyl-pyrazoles: anion receptors in protonated form and efficient building blocks for organized structures. <b>2007</b> , 1136-8		40
1630	Anion-Interaction-Directed Self-Assembly of Ag(I) Coordination Networks. <b>2007</b> , 7, 485-487		68
1629	A dizinc complex for selective fluorescence sensing of uridine and uridine-containing dinucleotides. <b>2007</b> , 1230-2		11
1628	Enthalpy driven nitrate complexation by guanidinium-based macrocycles. <i>New Journal of Chemistry</i> , <b>2007</b> , 31, 736	3.6	31
1627	Optical sensors based on functionalized mesoporous silica SBA-15 for the detection of multianalytes (H <sup>+</sup> and Cu <sup>2+</sup> ) in water. <b>2007</b> , 17, 4492		83
1626	Acyclic pyrrole-based anion receptors: design, synthesis, and anion-binding properties. <i>New Journal of Chemistry</i> , <b>2007</b> , 31, 646	3.6	43
1625	Self-assembled hetero-bimetallic coordination cage and cation-clusters with micro(2)-Cl bridging using a flexible two-arm ferrocene amide linker. <b>2007</b> , 3390-7		19
1624	Bowl-shaped Cu(I) metallamacrocyclic ethylene and carbonyl adducts as structural analogues of organic calixarenes. <b>2007</b> , 5179-81		39
1623	Perchlorate selective sensor based on a newly synthesized hydrogen-bonding diamide receptor. <b>2007</b> , 87, 553-563		5
1622	Arranging up to six ferrocene carboxamides around metal centres. <b>2007</b> , 565-9		12
1621	Nanosopic hybrid systems with a polarity-controlled gate-like scaffolding for the colorimetric signalling of long-chain carboxylates. <b>2007</b> , 1957-9		77
1620	Assembly between gold-thiolate nanoparticles and the organometallic cluster [Fe(eta <sup>5</sup> -C <sub>5</sub> H <sub>5</sub> )(mu <sup>3</sup> -CO)] <sub>4</sub> toward redox sensing of oxo-anions. <b>2007</b> , 3456-8		21
1619	Complexation of the triphosphate anion: tuning the structure of cyclen based macrotricycles with 1,3-dimethylbenzene and 2,6-dimethylpyridine linkers. A potentiometric and NMR study. <b>2007</b> , 1038-46		26
1618	Trapped inorganic phosphate dimer. <b>2007</b> , 5214-6		117
1617	Two distinct anion-binding modes and their relative stabilities. <b>2007</b> , 3401-3		53

1616	Photophysical and anion sensing properties of platinum(II) terpyridyl complexes with phenolic ethynyl ligands. <b>2007</b> , 3885-92	51
1615	Synthesis of polymeric and macrocyclic Lewis acids: influence of backbone on degree of aggregation. <b>2007</b> , 3486-8	36
1614	Effective anion sensing based on the ability of copper to affect electron transport across self-assembled monolayers. <b>2007</b> , 5010-2	52
1613	Design of a hybrid biosensor for enhanced phosphopeptide recognition based on a phosphoprotein binding domain coupled with a fluorescent chemosensor. <b>2007</b> , 129, 6232-9	68
1612	Anion binding involving pi-acidic heteroaromatic rings. <b>2007</b> , 40, 435-44	495
1611	Pyrazole complexes as anion receptors: effects of changing the metal, the pyrazole substitution pattern, and the number of pyrazole ligands. <b>2007</b> , 46, 3407-18	28
1610	Syntheses, crystal structures, and magnetic properties of metal-organic hybrid materials of Cu(II): effect of a long chain dicarboxylate backbone, and counteranion in their structural diversity. <b>2007</b> , 46, 3057-71	64
1609	Quinoxaline-imidazolium receptors for unique sensing of pyrophosphate and acetate by charge transfer. <b>2007</b> , 9, 485-8	100
1608	Calix[4]pyrrole as a Promoter of the CuCl-Catalyzed Reaction of Styrene and Chloramine-T. <b>2007</b> , 26, 6511-6514	19
1607	Colorimetric sensor for ATP in aqueous solution. <b>2007</b> , 9, 1979-82	133
1606	A self-assembled receptor for the recognition of phosphate and acetate anions in neutral aqueous solution. <b>2007</b> , 4000-2	44
1605	Synthesis, characterization, solid-state structures, and spectroscopic properties of two catechol-based luminescent chemosensors for biologically relevant oxometalates. <b>2007</b> , 46, 6516-28	48
1604	Study on synthesis and electrochemical properties of a novel ferrocene-based compound and its application in anion recognition. <b>2007</b> , 111, 3904-9	23
1603	Interesting anion-inclusion behavior of cucurbit[5]uril and its lanthanide-capped molecular capsule. <b>2007</b> , 46, 10168-73	102
1602	Progress in synthesis of branched ferrocene-based polymers and their applications in supramolecular recognition and as precursors of magnetic materials. <b>2007</b> , 10, 389-404	6
1601	Ph(3-n)XnSnCH2-16-crown-5 (X = F, Cl, Br, I, SCN; n = 1, 2): Intramolecular O -Sn Coordination versus Ditopic Complexation of Sodium Thiocyanate. <b>2007</b> , 26, 4170-4179	26
1600	ansa-Metallocene-based cyclic[2]pyrroles. <b>2007</b> , 9, 4769-72	13
1599	Cation-pi-anion interaction: a theoretical investigation of the role of induction energies. <b>2007</b> , 111, 7980-6	94

1598	Synthesis of colorimetric sensors for isomeric dicarboxylate anions: selective discrimination between maleate and fumarate. <b>2007</b> , 5, 3592-8		38
1597	Thiourea-based molecular clips for fluorescent discrimination of isomeric dicarboxylates. <b>2007</b> , 5, 3535-8		26
1596	Anion templated assembly of mechanically interlocked structures. <b>2007</b> , 36, 211-25		271
1595	Urea-based ruthenium(II)-polypyridyl complex as an optical sensor for anions: synthesis, characterization, and binding studies. <b>2007</b> , 46, 9912-8		91
1594	Highly sensitive and selective chemosensor for Hg <sup>2+</sup> based on the rhodamine fluorophore. <b>2007</b> , 9, 2501-4		294
1593	Recent Development of Anion Selective Fluorescent Chemosensors. <b>2007</b> , 19, 221-227		60
1592	Anion-recognition studies of a Re(I)-based square containing the dipyrindyl-amide ligand. <i>New Journal of Chemistry</i> , <b>2007</b> , 31, 202-209	3.6	52
1591	2-dimensional analytic approach for anion differentiation with chromofluorogenic receptors. <b>2007</b> , 72, 5461-4		70
1590	Chlorine anion encapsulation by molecular capsules based on cucurbit[5]uril and decamethylcucurbit[5]uril. <b>2007</b> , 12, 1325-33		30
1589	Exploring the dynamics of calix[4]pyrrole: effect of solvent and fluorine substitution. <i>Chemistry - A European Journal</i> , <b>2007</b> , 13, 1108-16	4.8	32
1588	A new macrocyclic cryptand with squaramide moieties: an overstructured Cu(II) complex that selectively binds halides: synthesis, acid/base- and ligational behavior, and crystal structures. <i>Chemistry - A European Journal</i> , <b>2007</b> , 13, 702-12	4.8	53
1587	Simple bis-thiocarbonylhydrazones as sensitive, selective, colorimetric, and switch-on fluorescent chemosensors for fluoride anions. <i>Chemistry - A European Journal</i> , <b>2007</b> , 13, 2880-92	4.8	145
1586	Use of anions to allow translational isomerism of a [2]rotaxane. <i>Chemistry - A European Journal</i> , <b>2007</b> , 13, 4350-5	4.8	72
1585	Dipyrrolyl-functionalized bipyridine-based anion receptors for emission-based selective detection of dihydrogen phosphate. <i>Chemistry - A European Journal</i> , <b>2007</b> , 13, 1374-81	4.8	89
1584	Homo- and hetero-dinuclear anion complexes. <i>Chemistry - A European Journal</i> , <b>2007</b> , 13, 3787-95	4.8	30
1583	[3.3]Ferrocenophanes with guanidine bridging units as multisignalling receptor molecules for selective recognition of anions, cations, and amino acids. <i>Chemistry - A European Journal</i> , <b>2007</b> , 13, 5742-52	4.8	74
1582	Redox-driven intramolecular anion translocation between a metal centre and a hydrogen-bond-donating compartment. <i>Chemistry - A European Journal</i> , <b>2007</b> , 13, 4988-97	4.8	19
1581	Anion selectivity in zwitterionic amide-functionalised metal salt extractants. <i>Chemistry - A European Journal</i> , <b>2007</b> , 13, 6091-107	4.8	27



1580	Anion-templated calix[4]arene-based pseudorotaxanes and catenanes. <i>Chemistry - A European Journal</i> , <b>2007</b> , 13, 3861-70	4.8	68
1579	Influence of the protonic state of an imidazole-containing ligand on the electrochemical and photophysical properties of a ruthenium(II)-polypyridine-type complex. <i>Chemistry - A European Journal</i> , <b>2007</b> , 13, 8201-11	4.8	59
1578	Supramolecular cobalt cages and coordination polymers templated by anion guests: self-assembly, structures, and magnetic properties. <i>Chemistry - A European Journal</i> , <b>2007</b> , 13, 5401-7	4.8	85
1577	Solubilizing sodium fluoride in acetonitrile: synthesis, molecular structure, and complexation behavior of bis(organostannyl)methyl-substituted crown ethers. <i>Chemistry - A European Journal</i> , <b>2007</b> , 13, 10239-45	4.8	43
1576	Click assembly of 1,2,3-triazole-linked dendrimers, including ferrocenyl dendrimers, which sense both oxo anions and metal cations. <i>Angewandte Chemie - International Edition</i> , <b>2007</b> , 46, 872-7	16.4	322
1575	Phosphate recognition in structural biology. <i>Angewandte Chemie - International Edition</i> , <b>2007</b> , 46, 338-52	16.4	229
1574	A simple approach for the selective and sensitive colorimetric detection of anionic surfactants in water. <i>Angewandte Chemie - International Edition</i> , <b>2007</b> , 46, 1675-8	16.4	99
1573	A binol-strapped calix[4]pyrrole as a model chirogenic receptor for the enantioselective recognition of carboxylate anions. <i>Angewandte Chemie - International Edition</i> , <b>2007</b> , 46, 2508-11	16.4	69
1572	Using acetate anions to induce translational isomerization in a neutral urea-based molecular switch. <i>Angewandte Chemie - International Edition</i> , <b>2007</b> , 46, 6629-33	16.4	113
1571	Fluoride-selective host based on anion- $\pi$ interactions, ion pairing, and hydrogen bonding: synthesis and fluoride-ion sandwich complex. <i>Angewandte Chemie - International Edition</i> , <b>2007</b> , 46, 8782-4	16.4	163
1570	Ferrocene-based derivative bearing phenol group recognitive sites: efficient H <sub>2</sub> PO <sub>4</sub> <sup>-</sup> receptor. <b>2007</b> , 21, 821-825		4
1569	Click Assembly of 1,2,3-Triazole-Linked Dendrimers, Including Ferrocenyl Dendrimers, Which Sense Both Oxo Anions and Metal Cations. <i>Angewandte Chemie</i> , <b>2007</b> , 119, 890-895	3.6	59
1568	Molekulare Erkennung von Phosphaten in der Strukturbiologie. <i>Angewandte Chemie</i> , <b>2007</b> , 119, 342-357	3.6	33
1567	A Simple Approach for the Selective and Sensitive Colorimetric Detection of Anionic Surfactants in Water. <i>Angewandte Chemie</i> , <b>2007</b> , 119, 1705-1708	3.6	19
1566	A Binol-Strapped Calix[4]pyrrole as a Model Chirogenic Receptor for the Enantioselective Recognition of Carboxylate Anions. <i>Angewandte Chemie</i> , <b>2007</b> , 119, 2560-2563	3.6	16
1565	Using Acetate Anions To Induce Translational Isomerization in a Neutral Urea-Based Molecular Switch. <i>Angewandte Chemie</i> , <b>2007</b> , 119, 6749-6753	3.6	50
1564	Fluoride-Selective Host Based on Anion- $\pi$ Interactions, Ion Pairing, and Hydrogen Bonding: Synthesis and Fluoride-Ion Sandwich Complex. <i>Angewandte Chemie</i> , <b>2007</b> , 119, 8938-8940	3.6	44
1563	Aggregation-induced Emission (AIE)-active Starburst Triarylamine Fluorophores as Potential Non-doped Red Emitters for Organic Light-emitting Diodes and Cl <sub>2</sub> Gas Chemodosimeter. <b>2007</b> , 17, 3799-3807	4.97	

1562	Photochemical and Chemical Two-Channel Control of Functional Nanogated Hybrid Architectures. <b>2007</b> , 19, 2228-2231		152
1561	Systematic Counterion Tuning of the Solid-State Structure of [Pt(thiourea) <sub>4</sub> ] <sup>2+</sup> . <b>2007</b> , 2007, 1390-1404		11
1560	Molecular Ice with Hybrid Water-Bromide Network around a Cryptand with a Bromide Ion Included in the Cavity to Form a Host-within-a-Host-Like Structure. <b>2007</b> , 2007, 1229-1232		30
1559	Anion Separation with Metal-Organic Frameworks. <b>2007</b> , 2007, 1321-1340		303
1558	Supramolecular Chemistry and Anion Binding in Palladium(II) and Silver(I) Complexes Containing N,N'-Dipyridylxanthene-4,5-dicarboxamide Ligands. <b>2007</b> , 2007, 1690-1697		17
1557	Phenylphosphoric Acid as a New Additive to Inhibit Olefin Isomerisation in Ruthenium-Catalysed Metathesis Reactions. <i>European Journal of Organic Chemistry</i> , <b>2007</b> , 2007, 918-924	3.2	37
1556	Signalling Mechanisms in Anion-Responsive Push-Pull Chromophores: The Hydrogen-Bonding, Deprotonation and Anion-Exchange Chemistry of Functionalized Azo Dyes. <i>European Journal of Organic Chemistry</i> , <b>2007</b> , 2007, 2449-2458	3.2	59
1555	Probing Receptor-Anion Interactions by Ratiometric Chemosensors Containing Pyrrolicarboxamide Interacting Sites. <i>European Journal of Organic Chemistry</i> , <b>2007</b> , 2007, 3999-4010	3.2	36
1554	Supramolecular Chemistry of Acyclic Oligopyrroles. <i>European Journal of Organic Chemistry</i> , <b>2007</b> , 2007, 5313-5325	3.2	77
1553	Novel Chromogenic Chemosensors for Fluoride Anion Based on 8-Hydroxyquinoline Azo Derivatives. <b>2007</b> , 25, 616-622		9
1552	Study on Synthesis and Binding Ability of a New Anion Receptor Containing NH Binding Sites. <b>2007</b> , 25, 683-687		4
1551	Thiourea Based Tweezer Anion Receptors for Selective Sensing of Fluoride Ions. <b>2007</b> , 25, 709-713		15
1550	Synthesis of an Anionic Receptor Based on Phenylhydrazone Group and Its Recognition Property for Acetate. <b>2007</b> , 25, 1430-1433		11
1549	Supramolekulare Chemie - Chemie jenseits des Moleküls. <b>2007</b> , 14, 123-130		2
1548	Synthesis and photophysical properties of N-styrylazinones. <b>2007</b> , 44, 951-960		12
1547	A benzimidazole-based chromogenic anion receptor. <b>2007</b> , 20, 69-73		62
1546	Studies on synthesis and anion recognition properties of (3'-nitrobenzo)[2,3-d]-(3''-nitrobenzo)[9,10-d]-1,4,8,11-tetraazacyclotetradecane-5,7,12,14-tetraone. <b>2007</b> , 20, 139-44		10
1545	Regioselective acylation of aminoresorcinarenes. <b>2007</b> , 63, 1254-1263		13

- 1544 Syntheses, crystal structures, and electrochemical properties of multi-ferrocenyl resorcinarenes. **2007**, 63, 2275-2282 25
- 1543 Structurally simple chiral thioureas as chiral solvating agents in the enantiodiscrimination of hydroxy and amino carboxylic acids. **2007**, 63, 7673-7678 42
- 1542 Synthesis and anion recognition properties of pyrrole-bearing acyclic receptors. **2007**, 63, 7560-7564 22
- 1541 Carboxylic acid derivatives of tetrathiafulvalene: key intermediates for the synthesis of redox-active calixarene-based anion receptors. **2007**, 63, 10768-10777 35
- 1540 A novel pyrenyl-appended tricalix[4]arene for fluorescence-sensing of Al(III). **2007**, 63, 10793-10800 100
- 1539 Membrane-active calixarenes: toward gating transmembrane anion transport. **2007**, 63, 10743-10750 49
- 1538 Hexabromide salt of a tiny octaazacryptand as a receptor for encapsulation of lower homolog halides: structural evidence on halide selectivity inside the tiny cage. **2007**, 63, 11371-11376 19
- 1537 Role of positional isomers on receptor-anion binding and evidence for resonance energy transfer. **2007**, 63, 12007-12014 51
- 1536 Molecular recognition studies with a simple dipyrinone. **2007**, 63, 12994-12999 16
- 1535 New imidazolium systems bearing two pyrene groups as fluorescent chemosensors for anions and anion induced logic gates. **2007**, 48, 169-172 59
- 1534 Versatile reagents: ferrocenyl azolium compounds as auxiliary ligands for the Heck reaction and potential antifungal agents. **2007**, 48, 1017-1021 22
- 1533 Allosteric anion recognition by metal complexation of tris(bipyridine-imidazolium) ligand. **2007**, 48, 1493-1496 26
- 1532 Stilbene-bridged 1,3-alternate calix[4]arene crown ether for selective alkali ion extraction. **2007**, 48, 1817-1821 18
- 1531 Synthesis of an azacrown template for phosphatidylinositol-4,5-bis(phosphate) recognition. **2007**, 48, 2683-2686 7
- 1530 Colorimetric and ratiometric fluorescence sensing of fluoride ions based on competitive intra- and intermolecular proton transfer. **2007**, 48, 3083-3087 71
- 1529 Use of the interaction of a boronic acid with a merocyanine to develop an anionic colorimetric assay. **2007**, 48, 3467-3470 23
- 1528 Heptakis(6-deoxy-6-guanidino)- $\beta$ -cyclodextrin: an artificial model for mitochondrial ADP/ATP carrier. **2007**, 48, 3479-3483 21
- 1527 A density functional study towards the preferential binding of anions to urea and thiourea. **2007**, 48, 3695-3698 68

- 1526 A highly selective fluorescent chemosensor for dihydrogen phosphate via unique excimer formation and PET mechanism. **2007**, 48, 3797-3800 91
- 1525 An anionic chromogenic sensor based on the competition between the anion and a merocyanine solvatochromic dye for calix[4]pyrrole as a receptor site. **2007**, 48, 4547-4551 50
- 1524 Quencher-fluorophore ensemble for detection of pyrophosphate in water. **2007**, 48, 4477-4480 28
- 1523 A ratiometric fluorescent chemosensor, 1,10-phenanthroline-4,7-dione, for anions in aqueous-organic media. **2007**, 48, 4861-4864 11
- 1522 Effective receptors for fluoride and acetate ions: synthesis and binding study of pyrrole- and cysteine-based cyclopeptido-mimetics. **2007**, 48, 6039-6043 25
- 1521 A novel calix[4]arene-based neutral semicarbazone receptor for anion recognition. **2007**, 48, 6054-6058 39
- 1520 Anthracene-based ureidopyridyl fluororeceptor for dicarboxylates. **2007**, 48, 6129-6132 28
- 1519 An ion pair receptor showing remarkable enhancement of anion-binding strengths in the presence of alkali metal cations. **2007**, 48, 6624-6627 40
- 1518 Adamantane-dipyrrromethanes: novel anion receptors. **2007**, 48, 7873-7877 19
- 1517 Aramidocalix[4]arenes as new anion receptors. **2007**, 48, 7986-7989 27
- 1516 Rendering a calixarene having dipyrrolyl pendants soluble in water results in different species with smaller binding constants. **2007**, 48, 8274-8276 17
- 1515 An anthracene based bispyridinium amide receptor for selective sensing of anions. **2007**, 48, 8725-8729 51
- 1514 Color responses of novel receptors for  $\text{AcO}^-$  and a test paper for  $\text{AcO}^-$  in pure aqueous solution. **2007**, 48, 8615-8618 40
- 1513 Unmodified fluorescein as a fluorescent chemosensor for fluoride ion detection. **2007**, 48, 8803-8806 22
- 1512 Reversible sol-gel transition of a tris-urea gelator that responds to chemical stimuli. **2007**, 48, 8990-8993 73
- 1511 A naphthalimide-calixarene as a two-faced and highly selective fluorescent chemosensor for  $\text{Cu}^{2+}$  or  $\text{F}^-$ . **2007**, 48, 9151-9154 101
- 1510 A DFT study of chloride and hydroxide anions effects on deprotonations of 3,4-dichloro-2,5-diamido-substituted pyrrole derivatives. **2007**, 806, 145-153 7
- 1509 Synthesis of a novel doubly strapped zinc porphyrin and its recognition property for anions. **2007**, 10, 728-730 11

1508	Voltammetric metal cation sensors based on ferrocenylthiosemicarbazone. <b>2007</b> , 10, 1485-1488		16
1507	Design and synthesis of novel tweezer anion receptors based on deoxycholic acid. <b>2007</b> , 18, 287-290		2
1506	Synthesis and structure characterization of novel calix[4](aza)crown derivatives. <b>2007</b> , 18, 912-914		2
1505	K <sub>2</sub> CO <sub>3</sub> catalyzed solvent-free synthesis of molecular tweezers containing chiral unsymmetrical urea unit under microwave irradiation. <b>2007</b> , 18, 1067-1070		9
1504	Electrochemically controlled supramolecular systems. <b>2007</b> , 251, 1761-1780		111
1503	Co-extraction of cations and anions in base metal recovery. <b>2007</b> , 251, 1868-1877		34
1502	A macrocyclic polyamine as an anion receptor in the capillary electrochromatographic separation of carbohydrates. <b>2007</b> , 1154, 407-15		17
1501	The s-triazine ring, a remarkable unit to generate supramolecular interactions. <b>2007</b> , 360, 381-404		133
1500	Robust anionic building blocks [M(malonate) <sub>2</sub> (H <sub>2</sub> O) <sub>2</sub> ] <sub>2</sub> for crystal engineering of inorganic-organic hybrid materials. <b>2007</b> , 360, 1921-1928		17
1499	Synthesis and photophysical properties of dansyl-based polyamine ligands and their Zn(II) complexes. <b>2007</b> , 360, 1200-1208		31
1498	Anions induced structural variety of macrocycles containing imidazolium cations. <b>2007</b> , 360, 2447-2454		5
1497	Electrochemical characterisation of novel water-soluble ruthenocene complexes: An anion-dependent response. <b>2007</b> , 9, 1451-1455		1
1496	Highly effective electrochemical anion sensing based on oxoporphyrinogen. <b>2007</b> , 9, 2751-2754		26
1495	Imidazolium scaffolds: Electrospray mass spectrometric observation of N-heterocyclic carbenes in positive-ion mode and halide ion adducts in negative-ion mode. <b>2007</b> , 262, 80-87		4
1494	New receptors for anions in water: Synthesis, characterization, X-ray structures of new derivatives of 5,11,17,23-tetraamino-25,26,27,28-tetrapropylcalix[4]arene. <i>Journal of Molecular Structure</i> , <b>2007</b> , 826, 48-63	3-4	19
1493	Structural and spectroscopic study on N-(2-fluorobenzoyl)-N'-(4-methoxyphenyl)thiourea. <i>Journal of Molecular Structure</i> , <b>2007</b> , 828, 46-53	3-4	49
1492	Anion-directed assembly: Framework conversion in dimensionality and photoluminescence. <b>2007</b> , 180, 1476-1488		21
1491	Synthesis and molecular structures of S-2-FcNHCOC <sub>6</sub> H <sub>4</sub> SH and [M(III)(OEP)(S-2-FcNHCOC <sub>6</sub> H <sub>4</sub> )] (Fc = ferrocenyl, M = Fe, Ga): Electrochemical contributions of intramolecular SH $\cdots$ OC and NH $\cdots$ S hydrogen bonds. <b>2007</b> , 692, 248-256		10

- 1490 Specific optical signalling of anions via intramolecular charge transfer pathway based on acridinedione fluorophore. **2007**, 126, 886-892 25
- 1489 A water-soluble fluorescent fluoride ion probe based on Alizarin Red S-Al(III) complex. **2007**, 66, 457-61 27
- 1488 An efficient chloride-selective fluorescent chemosensor based on 2,9-bis(4'-hydroxyphenyl)phenanthroline Cu(II) complex. **2007**, 67, 281-6 5
- 1487 Fluorescent sensing of anions with acridinedione based neutral PET chemosensor. **2007**, 67, 772-7 21
- 1486 Light-on fluorescent chemosensor for fluoride in aqueous solution based on ternary complex of Zr-EDTA and 4'-N,N-dimethylamino-6-methyl-3-hydroxyflavone. **2007**, 125, 447-452 22
- 1485 Oligonuclear Amide-bridged Ferrocenes from N-Fmoc Protected 1-Amino-1'-fluorocarbonyl Ferrocene. **2007**, 633, 2223-2233 40
- 1484 Synthesis of chromo- and fluorogenic poly(ortho-diaminophenylene) chemosensors for fluoride anion. **2007**, 45, 1546-1556 25
- 1483 Dendritic polyamine architectures with lipophilic shells as nanocompartments for polar guest molecules: A comparative study of their transport behavior. **2007**, 45, 2287-2303 41
- 1482 New conjugated polymers comprising ortho-phenylazonaphthols: Synthesis and chromogenic behaviors. **2007**, 45, 4430-4440 11
- 1481 Redox-switchable binding of the Mg<sup>2+</sup> ions by 21,31-diphenyl-12,42-dioxo-7,10,13-trioxa-1,4(3,1)-diquinoxaline-2(2,3),3(3,2)-diindolysine-cyclopentadecaphane. **2007**, 43, 770-775 4
- 1480 Structural criteria for the design of anion receptors: the interaction of halides with electron-deficient arenes. **2007**, 129, 48-58 284
- 1479 Indole as a scaffold for anion recognition. **2007**, 5, 1795-9 103
- 1478 The potentiometric behavior of polymer-supported metallophthalocyanines used as anion-selective electrodes. **2007**, 387, 1033-9 14
- 1477 Thermogravimetry of [2]complexes of zinc(II)tetra-tert-butylphthalocyanine with aromatic molecules. **2007**, 87, 437-440 4
- 1476 The anion binding properties of neutral receptors bearing nitro group, phenanthroline or ruthenium(II) metal. **2007**, 32, 430-433 1
- 1475 Synthesis and Structure of a 1,3-alternate-Thiacalix[4]arene diamide Derivative. **2007**, 58, 193-197 6
- 1474 A novel colorimetric sensor for anions recognition based on disubstituted phenylhydrazone. **2007**, 59, 211-215 14
- 1473 Synthesis and Characterization of a Novel 3D Organic-Inorganic Hybrid Framework Templated by Keggin Anions. **2007**, 18, 909-920 4

1472	Electrochemical recognition of anions by 1,1'-N,N'-ferrocenoylbisamino acid esters. <b>2007</b> , 22, 2047-50	26
1471	A novel indole phenylhydrazone receptor: Synthesis and recognition for acetate anion. <b>2008</b> , 134, 849-853	38
1470	Preparation of a metal ligand fluorescent chemosensor and enantioselective recognition of carboxylate anions in aqueous solution. <b>2008</b> , 19, 2051-2057	17
1469	Discrimination between amino acids with chromogenic acyclic tripodal receptors functionalized with stilbazolium dyes. <b>2008</b> , 49, 1997-2001	16
1468	Anion sensing by Phenazine-based urea/thiourea receptors. <b>2008</b> , 49, 6646-6649	41
1467	Interaction between some anions and deficient olefinic and aromatic centers. <b>2008</b> , 859, 46-50	6
1466	A colorimetric anion receptor containing the cis-Ru(bipy) <sub>2</sub> 2+ group. <b>2008</b> , 33, 829-834	4
1465	Synthesis and Redox Properties of an Electropolymerizable Amido Ferrocenyl Pyrrole-functionalized Dendrimer. <b>2008</b> , 18, 51-58	31
1464	Anion Sensing Porphyrin Functionalized Nanoparticles. <b>2008</b> , 18, 32-40	35
1463	Coordination Features of a Polyaza-Bipyridine-Macrocyclic Ligand toward Co(II) and Cd(II) in Water and Dimethylsulfoxide. <b>2008</b> , 37, 503-517	9
1462	A novel switch-on fluorescent receptor for bromide based on an amide group. <b>2008</b> , 62, 99-103	14
1461	An optical and electrochemical anion sensor of F <sup>-</sup> investigated by UV-vis, <sup>1</sup> H NMR and cyclic voltammetry. <b>2008</b> , 62, 209-213	4
1460	Fluorescent probes for microdetermination of inorganic phosphates and biophosphates. <b>2008</b> , 161, 1-39	56
1459	Comparison of monofunctional and multifunctional monomers in phosphate binding molecularly imprinted polymers. <b>2008</b> , 21, 410-8	16
1458	Synthesis and photochemical properties of trans-2-(2-aryl- or heteroarylvinyl)-4,5-dichloropyridazin-3(2H)-ones. <b>2008</b> , 45, 215-220	2
1457	Anion recognition properties of the neutral receptors bearing amide macrocycle. <b>2008</b> , 45, 1329-1332	3
1456	Cyanide sensing with organic dyes: studies in solution and on nanostructured Al <sub>2</sub> O <sub>3</sub> surfaces. <i>Chemistry - A European Journal</i> , <b>2008</b> , 14, 3006-12	4.8 163
1455	Synthesis and study of calix[6]cryptamides: A new class of heteroditopic receptors that display versatile host-guest properties toward neutral species and organic associated ion-pair salts. <i>Chemistry - A European Journal</i> , <b>2008</b> , 14, 548-57	4.8 78

1454	Carboxylate anion diminishes chloride transport through a synthetic, self-assembled transmembrane pore. <i>Chemistry - A European Journal</i> , <b>2008</b> , 14, 382-96	4.8	30
1453	Cooperative AND ion-pair recognition by heteroditopic calix[4]diquinone receptors. <i>Chemistry - A European Journal</i> , <b>2008</b> , 14, 2248-63	4.8	95
1452	Fluorescent, synthetic amphiphilic heptapeptide anion transporters: evidence for self-assembly and membrane localization in liposomes. <i>Chemistry - A European Journal</i> , <b>2008</b> , 14, 5861-70	4.8	37
1451	Catechol derivatives as fluorescent chemosensors for wide-range pH detection. <i>Chemistry - A European Journal</i> , <b>2008</b> , 14, 9754-63	4.8	23
1450	Metal-controlled anion-binding tendencies of the thiourea unit of thiosemicarbazones. <i>Chemistry - A European Journal</i> , <b>2008</b> , 14, 9683-96	4.8	25
1449	Zippered-up chain-type coordination polymers: unsymmetrical amide-containing ligands inducing beta-sheet or helical structures. kazu-u@yamaguchi-u.ac.jp. <i>Chemistry - A European Journal</i> , <b>2008</b> , 14, 9565-76	4.8	42
1448	Cooperative binding of calix[4]pyrrole-anion complexes and alkylammonium cations in halogenated solvents. <i>Chemistry - A European Journal</i> , <b>2008</b> , 14, 7822-7	4.8	72
1447	Size-specific, colorimetric detection of counteranions by using helical poly(phenylacetylene) conjugated to L-leucine groups through urea acceptors. <i>Chemistry - A European Journal</i> , <b>2008</b> , 14, 10259-66	4.8	54
1446	AND/NOT sensing of fluoride and cyanide ions by ferrocene-derivatised Lewis acids. <i>Chemistry - A European Journal</i> , <b>2008</b> , 14, 7525-9	4.8	81
1445	1,3-diindolylureas and 1,3-diindolylthioureas: anion complexation studies in solution and the solid state. <i>Chemistry - A European Journal</i> , <b>2008</b> , 14, 10236-43	4.8	154
1444	Biomedical potentials of crown ethers: prospective antitumor agents. <b>2008</b> , 3, 1478-92		79
1443	Organization of the Ru <sub>2</sub> Na Moiety of a Phenazine Ligand Into a New Coordination Network Promoted by ClO <sub>4</sub> <sup>-</sup> Aromatic-π Interactions. <b>2008</b> , 2008, 44-47		17
1442	A Pair of Coordination Donor/Acceptor Ensembles for the Detection of Tartrate in Aqueous Media. <b>2008</b> , 2008, 1318-1325		7
1441	Anion Recognition and Templatation in Coordination Chemistry. <b>2008</b> , 2008, 357-367		106
1440	Equilibrium and Kinetic Properties of CuII Cyclophane Complexes: The Effect of Changes in the Macrocyclic Cavity Caused by Changes in the Substitution at the Aromatic Ring. <b>2008</b> , 2008, 1497-1507		6
1439	Ferrocene-Based Small Molecules for Multichannel Molecular Recognition of Cations and Anions. <b>2008</b> , 2008, 3401-3417		154
1438	Synthesis, Characterisation and Optical Properties of Silica Nanoparticles Coated with Anthracene Fluorophore and Thiourea Hydrogen-Bonding Subunits. <b>2008</b> , 2008, 5649-5658		12
1437	Design, Synthesis and Recognition Properties of Urea-Type Anion Receptors in Low Polar Media. <i>European Journal of Organic Chemistry</i> , <b>2008</b> , 2008, 109-120	3.2	23



1436	Development of Bis(2-picolyl)amineZinc Chelates for Imidazole Receptors. <i>European Journal of Organic Chemistry</i> , <b>2008</b> , 2008, 3190-3199	3.2	38
1435	Factors Influencing Anion Binding Stoichiometry: The Subtle Influence of Electronic Effects. <i>European Journal of Organic Chemistry</i> , <b>2008</b> , 2008, 1559-1567	3.2	40
1434	Crystallographic and Theoretical Evidence of AnionAnd Hydrogen-Bonding Interactions in a SquaramideNitrate Salt. <i>European Journal of Organic Chemistry</i> , <b>2008</b> , 2008, 1864-1868	3.2	44
1433	Synthesis and Anion-Binding Properties of Novel Redox-Active Calixarene Receptors. <i>European Journal of Organic Chemistry</i> , <b>2008</b> , 2008, 4304-4312	3.2	27
1432	Synthesis and electrochemical properties of phloroglucin-based ferrocenyl compounds and their application in anion recognition. <b>2008</b> , 107, 1539-1546		8
1431	Cooperative ion-ion interactions in the formation of interpenetrated molecules. <i>Angewandte Chemie - International Edition</i> , <b>2008</b> , 47, 97-101	16.4	81
1430	Outer-sphere coordination chemistry: selective extraction and transport of the [PtCl <sub>6</sub> ] <sup>2-</sup> anion. <i>Angewandte Chemie - International Edition</i> , <b>2008</b> , 47, 1745-8	16.4	59
1429	Metal-tunable nanocages as artificial chemosensors. <i>Angewandte Chemie - International Edition</i> , <b>2008</b> , 47, 877-81	16.4	105
1428	Chiral octupolar metal-organoboron NLO frameworks with (14,3) topology. <i>Angewandte Chemie - International Edition</i> , <b>2008</b> , 47, 4538-41	16.4	140
1427	Diphosphinite Ag(I) and Pd(II) dinuclear complexes as adaptable anion receptors: an unprecedented bridging mode for the PF <sub>6</sub> <sup>-</sup> ion. <i>Angewandte Chemie - International Edition</i> , <b>2008</b> , 47, 6856-9	16.4	12
1426	Anion-directed self-assembly of flexible ligands into anion-specific and highly symmetrical organic solids. <i>Angewandte Chemie - International Edition</i> , <b>2008</b> , 47, 7022-5	16.4	33
1425	PO <sub>4</sub> ( <sup>3-</sup> )-mediated polyoxometalate supercluster assembly. <i>Angewandte Chemie - International Edition</i> , <b>2008</b> , 47, 8123-6	16.4	128
1424	Photonic Ionic Liquids Polymer for Naked-Eye Detection of Anions. <b>2008</b> , 20, 4074-4078		120
1423	Cooperative IonIon Interactions in the Formation of Interpenetrated Molecules. <i>Angewandte Chemie</i> , <b>2008</b> , 120, 103-107	3.6	24
1422	Outer-Sphere Coordination Chemistry: Selective Extraction and Transport of the [PtCl <sub>6</sub> ] <sup>2-</sup> Anion. <i>Angewandte Chemie</i> , <b>2008</b> , 120, 1769-1772	3.6	8
1421	Metal-Tunable Nanocages as Artificial Chemosensors. <i>Angewandte Chemie</i> , <b>2008</b> , 120, 891-895	3.6	29
1420	Chiral Octupolar MetalOrganoboron NLO Frameworks with (14,3) Topology. <i>Angewandte Chemie</i> , <b>2008</b> , 120, 4614-4617	3.6	25
1419	Diphosphinite AgI and PdII Dinuclear Complexes as Adaptable Anion Receptors: An Unprecedented Bridging Mode for the PF <sub>6</sub> <sup>-</sup> Ion. <i>Angewandte Chemie</i> , <b>2008</b> , 120, 6962-6965	3.6	3

1418	Anion-Directed Self-Assembly of Flexible Ligands into Anion-Specific and Highly Symmetrical Organic Solids. <i>Angewandte Chemie</i> , <b>2008</b> , 120, 7130-7133	3.6	9
1417	PO4 <sup>3-</sup> vermittelter Aufbau eines Polyoxometallat-Superclusters. <i>Angewandte Chemie</i> , <b>2008</b> , 120, 8243-8246	3.46	19
1416	Mixed supramolecular cation-carrier and anion-carrier facilitated transport for the selective alkali cations transport. <b>2008</b> , 321, 94-99		11
1415	A new acenaphthenequinone-based calix[4]pyrrole: Synthesis, structure and anion binding study. <i>Journal of Molecular Structure</i> , <b>2008</b> , 889, 279-285	3.4	15
1414	Optical switching and anion-induced chromogenic application in conjugated polyazomethine derivatives. <b>2008</b> , 68, 1696-1703		18
1413	A fluorescent fluoride ion probe based on a self-organized ensemble of 5-hydroxyflavone-Al(III) complex. <b>2008</b> , 69, 282-5		40
1412	A simple and efficient colorimetric anion receptor for H <sub>2</sub> PO <sub>4</sub> <sup>(-)</sup> . <b>2008</b> , 70, 682-5		35
1411	A ditopic colorimetric sensor for fluoride ion based on thiourea mercury complex. <b>2008</b> , 71, 814-7		9
1410	Three green luminescent cadmium complexes containing 8-aminoquinoline ligands: Syntheses, crystal structures, emission spectra and DFT calculations. <b>2008</b> , 128, 1665-1672		36
1409	Ratiometric chemosensor for fluorescent determination of Zn <sup>2+</sup> in aqueous ethanol. <b>2008</b> , 619, 75-80		37
1408	Functional polyterthiophene-appended uranyl-salophen complex: electropolymerization and ion-selective response for monohydrogen phosphate. <b>2008</b> , 614, 85-92		36
1407	Synthesis of phenanthroline derivatives by Sonogashira reaction and the use of their ruthenium complexes as optical sensors. <b>2008</b> , 11, 97-100		8
1406	One-pot synthesis of 1,1'-ferrocenediylbis-(methyltriphenylphosphonium iodide) from the corresponding alcohols: Facile precursor for the construction of novel metal cations electrochemical sensors. <b>2008</b> , 11, 694-698		8
1405	Self-assembly of Pd(II) and Pt(II) complexes with 2,2'-bipyridine-3,3'-16-crown-4 containing porous channels through anion-π interactions. <b>2008</b> , 11, 557-560		4
1404	Microwave assisted one-pot synthesis of novel molecular clefts with only one chiral arm based on deoxycholic acid. <b>2008</b> , 19, 33-36		6
1403	Advances in acyclic compartmental ligands and related complexes. <b>2008</b> , 252, 1871-1995		154
1402	NMR investigation of non-covalent aggregation of coordination compounds ranging from dimers and ion pairs up to nano-aggregates. <b>2008</b> , 252, 2224-2238		74
1401	Inositol derived crown ethers: effect of auxiliary protecting groups and the relative orientation of crown ether oxygen atoms on their metal ion binding ability. <b>2008</b> , 64, 2160-2171		14

- 1400 Effect of spacer geometry on oxoanion binding by bis- and tetrakis-thiourea hosts. **2008**, 64, 2530-2536 22
- 1399 Chiral cyclohexane based fluorescent chemosensors for enantiomeric discrimination of aspartate. **2008**, 64, 3217-3224 23
- 1398 p-Sulfonatocalix[7]arene: synthesis, protolysis, and binding ability. **2008**, 64, 5370-5378 30
- 1397 A new imidazolium acridine derivative as fluorescent chemosensor for pyrophosphate and dihydrogen phosphate. **2008**, 64, 6402-6405 45
- 1396 Ferrocene-based imidazolium receptors for anions. **2008**, 64, 6300-6306 33
- 1395 Fluorescent chemosensors based on cyclohexane: selective sensing of succinate and malonate versus their longer or shorter homologues. **2008**, 64, 7252-7257 16
- 1394 New redox anion receptors based on calix[4]pyrrole bearing ferrocene amide. **2008**, 64, 9244-9252 20
- 1393 Macrocyclic bis(amidonaphthol)s for anion sensing: tunable selectivity by ring size in proton transfer process. **2008**, 64, 11007-11011 18
- 1392 Synthesis of new chiral calix[4]azacrowns for enantiomeric recognition of carboxylic acids. **2008**, 19, 2020-2025 17
- 1391 Anion recognition by a novel Fipronil-based receptor: efficient deprotonation or stable intermolecular hydrogen bonding. **2008**, 49, 1087-1090 14
- 1390 Schiff base phenolhydrazone derivatives as colorimetric chemosensors for fluoride ions. **2008**, 49, 127-132 71
- 1389 2,6-Bis(2-benzimidazolyl)pyridine as a chemosensor for fluoride ions. **2008**, 49, 94-97 48
- 1388 Benzimidazole and thiourea conjugated fluorescent hybrid receptor for selective recognition of PO<sub>4</sub><sup>3-</sup>. **2008**, 49, 1952-1956 40
- 1387 Controllable synthesis, structures of amidecrownophane-type macrocycles and their binding ability toward anions. **2008**, 49, 2268-2271 13
- 1386 A chloride selective sensor based on a calix[4]arene possessing a urea moiety. **2008**, 49, 2772-2775 64
- 1385 Selective recognition of fumarate from maleate with a gold nanoparticle-based colorimetric sensing system. **2008**, 49, 3652-3655 24
- 1384 Quaternary ammonium salt-based chromogenic and fluorescent chemosensors for fluoride ions. **2008**, 49, 4265-4268 18
- 1383 Chiral anion recognition by color change utilizing thiourea, azophenol, and glucopyranosyl groups. **2008**, 49, 4522-4525 31

1382	Anthracene-based ortho-phenylenediamine clefts for sensing carboxylates. <b>2008</b> , 49, 4591-4595		21
1381	Selective fluorescence sensing of cyanide with an o-(carboxamido)trifluoroacetophenone fused with a cyano-1,2-diphenylethylene fluorophore. <b>2008</b> , 49, 5544-5547		55
1380	A novel amidepyridinium-based tripodal fluorescent chemosensor for phosphate ion via binding-induced excimer formation. <b>2008</b> , 49, 5655-5657		40
1379	A change in nucleotide selectivity pattern of porphyrin derivatives after immobilization on gold nanoparticles. <b>2008</b> , 49, 6448-6453		30
1378	A highly selective and synthetically facile aqueous-phase cyanide probe. <b>2008</b> , 49, 6521-6524		62
1377	Anion binding of 3,4-dichloro-2,5-diamidopyrrole and anionic self-assembly dimerization of its deprotonated species. <b>2008</b> , 864, 26-30		5
1376	Electrochemical sensing of dihydrogen phosphate and adenosine-5'-triphosphate anions by self-assembled monolayers of (ferrocenylmethyl)trialkylammonium cations on gold electrodes. <b>2008</b> , 361, 1784-1788		20
1375	Amide functionalised dithiocarbamate ruthenium(II) bis-bipyridyl receptors: A new class of redox-responsive anion sensor. <b>2008</b> , 361, 1689-1698		19
1374	Thiol end-capped titanium-copper complexes: Synthesis, solid state structure and electrochemical behavior. <b>2008</b> , 361, 1659-1667		6
1373	Interaction of polyamine macrocycles with Zn(II) and ATP in aqueous solution. Binary and ternary systems. A potentiometric, NMR and fluorescence emission study. <b>2008</b> , 361, 3410-3419		15
1372	Halide ion inclusion into a dicopper(II) bistren cryptate containing active 2,5-dimethylfuran spacers: The origin of the bright yellow colour. <b>2008</b> , 361, 4038-4046		14
1371	A mesoporous silica functionalized by a covalently bound naphthalene-based receptor for selective optical detection of fluoride ion in water. <b>2008</b> , 114, 448-454		18
1370	Tripodal naphthalene ether ligand: Solid-state anion recognition and fluorescence studies. <i>Journal of Molecular Structure</i> , <b>2008</b> , 879, 88-95	3.4	13
1369	Second sphere coordination in anion binding: Synthesis, characterization and X-ray structure of [cis-diazidobis(ethylenediamine)cobalt(III)][trans-diamminetetranitrocobaltate(III)]. <i>Journal of Molecular Structure</i> , <b>2008</b> , 886, 17-23	3.4	3
1368	Second sphere coordination in anion binding: Synthesis, Characterization and X-ray structure of tris(1,10-phenanthroline)cobalt(III) periodate dihydrate, [Co(phen) <sub>3</sub> ](IO <sub>4</sub> ) <sub>3</sub> ·2H <sub>2</sub> O. <i>Journal of Molecular Structure</i> , <b>2008</b> , 888, 291-299	3.4	19
1367	Second sphere coordination in anion binding: Synthesis, characterization of [Co(phen) <sub>2</sub> CO <sub>3</sub> ] <i>X</i> ·nH <sub>2</sub> O where X=o-nitrophenolate(onp), p-nitrophenolate(pnp), 2,4-dinitrophenolate(dnp), 2,4,6-trinitrophenolate(tnp) and single crystal X-ray structures of [Co(phen) <sub>2</sub> CO <sub>3</sub> ](onp) <sub>2</sub> H <sub>2</sub> O and [Co(phen) <sub>2</sub> CO <sub>3</sub> ](dnp) <sub>2</sub> ·5H <sub>2</sub> O. <i>Journal of Molecular Structure</i> , <b>2008</b> , 892, 452-460	3.4	16
1366	Synthesis, Structural and Photophysical Evaluations of Urea Based Fluorescent PET Sensors for Anions. <b>2008</b> , 20, 407-418		32
1365	New branched macrocyclic ligand and its side-arm, two urea-based receptors for anions: synthesis, binding studies and crystal structure. <i>New Journal of Chemistry</i> , <b>2008</b> , 32, 1204	3.6	36

1364	Metal-Based Anion Receptor Systems. <b>2008</b> , 45-94		29
1363	Highly selective phosphorescent chemosensor for fluoride based on an iridium(III) complex containing arylborane units. <b>2008</b> , 47, 9256-64		207
1362	Nanosized trigonal prismatic and antiprismatic CuII coordination cages based on tricarboxylate linkers. <b>2008</b> , 1679-82		10
1361	Halide anion mediated dimerization of a meso-unsubstituted N-confused porphyrin. <i>Chemistry - an Asian Journal</i> , <b>2008</b> , 3, 592-599	4.5	19
1360	A new trend in rhodamine-based chemosensors: application of spirolactam ring-opening to sensing ions. <b>2008</b> , 37, 1465-72		1391
1359	Metallocenyl dendrimers and their applications in molecular electronics, sensing, and catalysis. <b>2008</b> , 41, 841-56		262
1358	Methyl and ethylsulphate salts of pyridinium bis-phenols. <b>2008</b> , 10, 580-586		3
1357	Anion receptors based on organic frameworks: highlights from 2005 and 2006. <b>2008</b> , 37, 151-90		711
1356	Molecular Recognition with Designed Heterocycles and Their Lanthanide Complexes. <b>2007</b> , 1-42		3
1355	Molecular Recognition Studies of an Octaaminocryptand upon Different Degree of Protonation. <b>2008</b> , 8, 2842-2852		23
1354	Complexation Studies of Nucleotides by Tetrandrine Derivatives Bearing Anthraquinone and Acridine Groups. <b>2008</b> , 20, 427-435		18
1353	An Imidazole-Functionalized Polyfluorene Derivative as Sensitive Fluorescent Probe for Metal Ions and Cyanide. <b>2008</b> , 41, 7433-7439		179
1352	An alternative approach to develop a highly sensitive and selective chemosensor for the colorimetric sensing of cyanide in water. <b>2008</b> , 5848-50		202
1351	Selective turn-on fluorescence detection of cyanide in water using hydrophobic CdSe quantum dots. <b>2008</b> , 1998-2000		154
1350	Colorimetric Naked-eye and fluorescent sensors for anions based on amidourea functionalised 1,8-naphthalimide structures: anion recognition via either deprotonation or hydrogen bonding in DMSO. <i>New Journal of Chemistry</i> , <b>2008</b> , 32, 1153	3.6	124
1349	Anion-Interactions: CP-corrected vs. standard optimisation, AIM and NBO analyses. <b>2008</b> , 34, 689-697		3
1348	Crown-6-calix[4]arene-capped calix[4]pyrrole: an ion-pair receptor for solvent-separated CsF ions. <b>2008</b> , 130, 13162-6		140
1347	A luminescent microporous metal-organic framework for the recognition and sensing of anions. <b>2008</b> , 130, 6718-9		918

1346	Selective sensing of competitive anions by non-selective hosts: the case of sulfate and phosphate in water. <i>New Journal of Chemistry</i> , <b>2008</b> , 32, 1919	3.6	30
1345	Chromofluorescent probes for selective detection of fluoride and acetate ions. <b>2008</b> , 10, 5549-52		117
1344	Anthracene derivatives bearing thiourea and glucopyranosyl groups for the highly selective chiral recognition of amino acids: opposite chiral selectivities from similar binding units. <b>2008</b> , 73, 301-4		85
1343	The photophysical properties of expanded porphyrins: relationships between aromaticity, molecular geometry and non-linear optical properties. <b>2009</b> , 261-73		81
1342	Design of a semirigid molecule as a selective fluorescent chemosensor for recognition of Cd(II). <b>2008</b> , 10, 3653-6		142
1341	Synthesis and biological evaluation of guanidine-type iminosugars. <b>2008</b> , 73, 1995-8		27
1340	A novel fluoride ion colorimetric chemosensor. <b>2008</b> , 10, 2931-4		84
1339	Anion- $\pi$ and $\pi$ - $\pi$ cooperative interactions regulating the self-assembly of nitrate-triazine-triazine complexes. <b>2008</b> , 112, 1627-32		48
1338	Colorimetric sensor for triphosphates and their application as a viable staining agent for prokaryotes and eukaryotes. <i>Analytical Chemistry</i> , <b>2008</b> , 80, 5312-9	7.8	43
1337	Synthesis of Thiosemicarbazone Derivatives of Benzo-15-crown-5 and Their Anion Recognition Properties. <b>2008</b> , 183, 1478-1488		3
1336	Stable metal-organic complexes as anion hosts. <b>2008</b> , 37, 2658-67		131
1335	Macrocyclic Eu <sup>3+</sup> chelates show selective luminescence responses to anions. <b>2008</b> , 47, 1548-59		45
1334	Interactions between protein and porphyrin-containing cyclodextrin supramolecular system: a fluorescent sensing approach for albumin. <b>2008</b> , 133, 1201-8		7
1333	Europium(III) complex-based luminescent sensing probes for multi-phosphate anions: modulating selectivity by ligand choice. <b>2008</b> , 1127-9		65
1332	Ruthenium(II) 2,2'-bibenzimidazole complex as a second-sphere receptor for anions interaction and colorimeter. <b>2008</b> , 47, 5616-24		70
1331	Synthesis and characterization of indolocarbazole-quinoxalines with flat rigid structure for sensing fluoride and acetate anions. <b>2008</b> , 6, 1751-5		66
1330	Fluorescence "turn-on" sensing of carboxylate anions with oligothiophene-based o-(carboxamido)trifluoroacetophenones. <b>2008</b> , 73, 6831-4		72
1329	Calixarene receptors of environmentally hazardous and biorelevant molecules and ions. <b>2008</b> , 80, 1449-1458		31

1328	Macrocyclic diorganotin complexes of gamma-amino acid dithiocarbamates as hosts for ion-pair recognition. <b>2008</b> , 47, 9874-85	48
1327	A colorimetric and fluorescent turn-on sensor for pyrophosphate anion based on a dicyanomethylene-4H-chromene framework. <b>2008</b> , 5143-5	164
1326	Ferrocene-based small molecules for dual-channel sensing of heavy- and transition-metal cations. <b>2008</b> , 73, 5489-97	62
1325	Cobalt(III) Supramolecular Complex: Synthesis, Crystal Structure and Anions Recognition Properties of 6,7-Dinitroquinoxaline-2,3-dione. <b>2008</b> , 20, 309-315	2
1324	Tris-2-(3-methylindolyl)phosphine as an anion receptor. <b>2008</b> , 1020-2	36
1323	A pyrenyl-appended triazole-based calix[4]arene as a fluorescent sensor for Cd <sup>2+</sup> and Zn <sup>2+</sup> . <b>2008</b> , 73, 8212-8	277
1322	A selective chromogenic molecular sensor for acetate anions in a mixed acetonitrile-water medium. <b>2008</b> , 6, 2071-5	40
1321	Cyclic tetraureas with variable flexibility--synthesis, crystal structures and properties. <b>2008</b> , 6, 3244-55	19
1320	Pyrophosphate-induced reorganization of a reporter-receptor assembly via boronate esterification; a new strategy for the turn-on fluorescent detection of multi-phosphates in aqueous solution. <b>2008</b> , 6, 3621-5	55
1319	Anion-pi interactions. <b>2008</b> , 37, 68-83	891
1318	Colorimetric Fluoride-Anion Sensor Based on Intramolecular Hydrogen Bonding and Enol/Keto Tautomerization of a Phenothiazine Derivative. <b>2008</b> , 91, 635-645	18
1317	Cation coordination induced modulation of the anion sensing properties of a ferrocene-imidazophenanthroline dyad: multichannel recognition from phosphate-related to chloride anions. <b>2008</b> , 73, 4034-44	157
1316	Anion-arene adducts: C-H hydrogen bonding, anion-pi interaction, and carbon bonding motifs. <b>2008</b> , 2417-28	351
1315	Sulfate ion encapsulation in caged supramolecular structures assembled by second-sphere coordination. <b>2008</b> , 1762-4	160
1314	Electrochemically and photochemically active Palladium(II) heterotopic metallacalix[3]arenes. <b>2008</b> , 3735-7	16
1313	Charge separation by ditopic complexation in the solid state: molecular structure of {Ph <sub>2</sub> (I)SnCH <sub>2</sub> Sn(Ph)(I)CH <sub>2</sub> -[16]-crown-5}.NaF.CH <sub>3</sub> OH. <b>2008</b> , 3398-400	26
1312	Anion-triggered electrodeposition in ferrocene-functionalised ortho-phenylenediamine-based receptors. <i>New Journal of Chemistry</i> , <b>2008</b> , 32, 1221	3.6 8
1311	Selective fluoride sensing using organic/inorganic hybrid nanomaterials containing anthraquinone. <i>New Journal of Chemistry</i> , <b>2008</b> , 32, 1003	3.6 51

1310	Diol-substituted boron complexes of dipyrrolyl diketones as anion receptors and covalently linked 'pivotal' dimers. <b>2008</b> , 4285-7	39
1309	A new 34-membered N6O4-donor macrocycle: synthetic, X-ray and solvent extraction studies. <i>New Journal of Chemistry</i> , <b>2008</b> , 32, 132-137	3.6 14
1308	Organometallic complexes as anion hosts. <b>2008</b> , 533-43	74
1307	Imidazolium-based macrocycles as multisignaling chemosensors for anions. <b>2008</b> , 3694-700	32
1306	A simple yet highly selective colorimetric sensor for cyanide anion in an aqueous environment. <b>2008</b> , 6, 3038-40	114
1305	BF(2) complexes of alpha-alkyl-substituted dipyrrolyldiketones as acyclic anion receptors. <b>2008</b> , 6, 433-6	33
1304	Unusual pH value dependent encapsulation and release of water/methanol binary guests by a cryptand host. <b>2008</b> , 10, 649	10
1303	Selective iodinated dipyrrolyldiketone BF2 complexes as potential building units for oligomeric systems. <b>2008</b> , 6, 3091-5	42
1302	Snowman-like silver alkynyl cluster consolidated by templating chloride and peripheral trifluoroacetates. <b>2008</b> , 5586-8	76
1301	Size matters--strong binding of the terephthalate dianion by thiourea functionalised fused [n]polynorbornane hosts. <b>2008</b> , 1871-3	38
1300	Metalloporphyrin anion sensors: the effect of the metal centre on the anion binding properties of amide-functionalised and tetraphenyl metalloporphyrins. <b>2008</b> , 6732-41	33
1299	Phosphate sensing by fluorescent reporter proteins embedded in polyacrylamide nanoparticles. <b>2008</b> , 2, 19-24	41
1298	Redox active cage for the electrochemical sensing of anions. <b>2008</b> , 47, 4808-16	39
1297	Calix[4]pyrroles with Long Alkyl Chains: Synthesis, Characterization, and Anion Binding Studies. <b>2008</b> , 20, 11-21	18
1296	Triptycene-based tetralactam macrocycles: synthesis, structure and complexation with squaraine. <b>2008</b> , 6128-30	42
1295	Discrete and infinite 1D, 2D/3D cage frameworks with inclusion of anionic species and anion-exchange reactions of Ag3L2 type receptor with tetrahedral and octahedral anions. <b>2008</b> , 3178-88	52
1294	Cyclen-based bismacrocycles for biological anion recognition. A potentiometric and NMR study of AMP, ADP and ATP nucleotide complexation. <b>2008</b> , 6, 1743-50	38
1293	Cyclophane capsule motifs with side pockets. <b>2008</b> , 10, 2677-80	47



1292	Spherical versus linear anion encapsulation in the cavity of a protonated azacryptand. <b>2008</b> , 47, 7992-9	35
1291	Anion transfer at a micro-water/1,2-dichloroethane interface facilitated by beta-octafluoro-meso-octamethylcalix[4]pyrrole. <b>2008</b> , 130, 14364-5	29
1290	Strong, size-selective, and electronically tunable C-H...halide binding with steric control over aggregation from synthetically modular, shape-persistent [34]triazolophanes. <b>2008</b> , 130, 12111-22	251
1289	A new hexaaza bicyclic cyclophane with dual binding sites. <b>2008</b> , 73, 9144-7	56
1288	Anion Recognitions via Cocrystallizations with Organic Acids in the Efficient Self-Assembly of Nanoscopic One-Dimensional Molecular Chains (Wires). <b>2008</b> , 8, 1327-1334	77
1287	Fabrication of novel layer-by-layer assembly films composed of poly(lactic acid) and polylysine through cation-dipole interactions. <b>2008</b> , 24, 8606-9	20
1286	A simple helical macrocyclic polyazapyridinophane as a stereoselective receptor of biologically important dicarboxylates under physiological conditions. <b>2008</b> , 73, 374-82	29
1285	Calix[6]tris(thio)ureas: heteroditopic receptors for the cooperative binding of organic ion pairs. <b>2008</b> , 73, 7067-71	74
1284	New trends in ion-selective electrodes. <b>2008</b> , 71-114	7
1283	Preparation of N,N'-bisethoxyethane[12]amideferrocenophane and its application in anion recognition. <b>2008</b> , 112, 5333-7	13
1282	Tight binding and fluorescent sensing of oxalate in water. <b>2008</b> , 130, 12606-7	75
1281	Reversible CO-induced chloride shuttling in Rh(I) tweezer complexes containing urea-functionalized hemilabile ligands. <b>2008</b> , 47, 9727-9	16
1280	Coordination complexes exhibiting anion...pi interactions: synthesis, structure, and theoretical studies. <b>2008</b> , 47, 5873-81	68
1279	Spectroscopic analysis of ligand binding to lanthanide-macrocycle platforms. <i>Analytical Chemistry</i> , <b>2008</b> , 80, 5750-4	7.8 24
1278	Recipe for new diorganostannates, [R <sub>2</sub> Sn(OS(O)R <sub>1</sub> ) <sub>4</sub> ] <sup>2-</sup> , bearing alkanesulfonate groups using dialkyl sulfite as the reagent. <b>2008</b> , 47, 790-2	8
1277	Turn-on fluorescence sensing of nucleoside polyphosphates using a xanthene-based Zn(II) complex chemosensor. <b>2008</b> , 130, 12095-101	283
1276	Colorimetric Sensor and Inverse Fluorescent Behavior of Anions by Calix[4]arene Possessing Imidazo[4,5-f]-1,10-phenanthroline Groups and its Ru(II) Complex. <b>2008</b> , 20, 419-426	26
1275	Natural and Synthetic Receptors for Nitrate Anion. <b>2008</b> , 20, 169-190	29

1274	A Simple Colorimetric and Fluorescent Anion Sensor Based on 4-Amino-1,8-naphthalimide: Synthesis and its Recognition Properties. <b>2008</b> , 20, 467-472		23
1273	X-ray Structures and Electronic Spectra of the $\pi$ -Halogen Complexes between Halogen Donors and Acceptors with $\pi$ Receptors. <b>2007</b> , 137-160		36
1272	Recent Progress of Phosphate Derivatives Recognition Utilizing Artificial Small Molecular Receptors in Aqueous Media. <b>2007</b> , 95-125		35
1271	Indole-based macrocycles and oligomers binding anions. <b>2008</b> , 80, 599-608		40
1270	Ten-membered Rings or Larger with One or More Oxygen Atoms. <b>2008</b> , 667-749		
1269	Rings containing Other Elements. <b>2008</b> , 1051-1069		
1268	A new class of functionalized calix[4]arenes as neutral receptors for colorimetric detection of fluoride ions. <i>New Journal of Chemistry</i> , <b>2008</b> , 32, 1999	3.6	45
1267	A Novel Selective Anion Receptor for Iodide Ion: Synthesis, Characterization and Anion Binding. <b>2008</b> , 20, 357-361		10
1266	Novel Synthesis and Characterization of N-Substituted-calix[4]azacrown Derivatives. <b>2008</b> , 38, 983-990		2
1265	Synthesis of calix[4]arenes bearing benzothiazolyl, benzoxazolyl and benzoimidazolyl heterocycles. <b>2008</b> , 2008, 324-326		2
1264	p-Nitrophenyl Triazenyl Purine: First Adenine-based Colorimetric Anion Sensor. <b>2008</b> , 37, 186-187		8
1263	Extended Calix[4]arene-Based Receptors for Molecular Recognition and Sensing. <b>2008</b> , 8, 5313-5335		40
1262	Syntheses and supramolecular structures of silver(I) complexes based on 2-(2'-pyridyl)-quinoxaline. <b>2009</b> , 62, 1928-1938		8
1261	Structural properties and anion binding affinity of cyclo[(1R,3S)-gamma-Acc-Gly] <sub>3</sub> hexapeptide. <b>2009</b> , 27, 37-48		16
1260	Anion- $\pi$ Interaction stitching 2-D layers formed by self-assembly of cations of a mononuclear copper(II) complex: synthesis, crystal structure and magnetism of [Cu(OAc)(2,2'-dypam) <sub>2</sub> ](ClO <sub>4</sub> ) [HOAc = acetic acid, 2,2'-dypam = 2,2'-dipyridylamine]. <b>2009</b> , 62, 540-551		20
1259	Molybdenum(VI) network polymers based on anion- $\pi$ Interaction and hydrogen bonding: Synthesis, crystal structures and oxidation catalytic application. <b>2009</b> , 11, 1955-1960		3
1258	Bindungsmechanismen in supramolekularen Komplexen. <i>Angewandte Chemie</i> , <b>2009</b> , 121, 3982-4036	3.6	177
1257	Effective Binding and Sensing of Lipopolysaccharide: Combining Complementary Pattern Recognition Receptors. <i>Angewandte Chemie</i> , <b>2009</b> , 121, 362-366	3.6	2

1256	Supramolecular Double-Propeller Dimers of Hexanuclear CuII/LnIII Complexes: A {Cu3Dy3}2 Single-Molecule Magnet. <i>Angewandte Chemie</i> , <b>2009</b> , 121, 1642-1647	3.6	33
1255	How Do Redox Groups Behave around a Rigid Molecular Platform? Hexa(ferrocenylethynyl)benzenes and Their Electrostatic Redox Chemistry. <i>Angewandte Chemie</i> , <b>2009</b> , 121, 3187-3191	3.6	23
1254	Nano-conjugate fluorescence probe for the discrimination of phosphate and pyrophosphate. <i>Chemistry - A European Journal</i> , <b>2009</b> , 15, 449-56	4.8	46
1253	Solid-state gas sensors developed from functional difluoroboradiazaindacene dyes. <i>Chemistry - A European Journal</i> , <b>2009</b> , 15, 1359-69	4.8	111
1252	Towards controlling the threading direction of a calix[6]arene wheel by using nonsymmetric axles. <i>Chemistry - A European Journal</i> , <b>2009</b> , 15, 3230-42	4.8	65
1251	New polyalkynyl dendrons and dendrimers: "click" chemistry with azidomethylferrocene and specific anion and cation electrochemical sensing properties of the 1,2,3-triazole-containing dendrimers. <i>Chemistry - A European Journal</i> , <b>2009</b> , 15, 2990-3002	4.8	87
1250	Chloride recognition in aqueous media by a rotaxane prepared via a new synthetic pathway. <i>Chemistry - A European Journal</i> , <b>2009</b> , 15, 42-4	4.8	71
1249	Selective chromofluorogenic sensing of heparin by using functionalised silica nanoparticles containing binding sites and a signalling reporter. <i>Chemistry - A European Journal</i> , <b>2009</b> , 15, 1816-20	4.8	41
1248	Solvent-assisted organized structures based on amphiphilic anion-responsive pi-conjugated systems. <i>Chemistry - A European Journal</i> , <b>2009</b> , 15, 3706-19	4.8	33
1247	Detection of biologically important anions in aqueous media by dicationic azaborines bearing ammonio or phosphonio groups. <i>Chemistry - A European Journal</i> , <b>2009</b> , 15, 5056-62	4.8	97
1246	Selective extraction and transport of the [PtCl6]2- anion through outer-sphere coordination chemistry. <i>Chemistry - A European Journal</i> , <b>2009</b> , 15, 4836-50	4.8	54
1245	Responsive metal complexes: a click-based "allosteric scorpionate" complex permits the detection of a biological recognition event by EPR/ENDOR spectroscopy. <i>Chemistry - A European Journal</i> , <b>2009</b> , 15, 3720-8	4.8	32
1244	Macrocyclic hexaureas: synthesis, conformation, and anion binding. <i>Chemistry - A European Journal</i> , <b>2009</b> , 15, 4811-21	4.8	15
1243	Polyamine receptors containing dipyridine or phenanthroline units: clues for the design of fluorescent chemosensors for metal ions. <i>Chemistry - A European Journal</i> , <b>2009</b> , 15, 8049-63	4.8	25
1242	Polydiacetylene-based colorimetric self-assembled vesicular receptors for biological phosphate ion recognition. <i>Chemistry - A European Journal</i> , <b>2009</b> , 15, 7404-12	4.8	73
1241	Anion-templated formation of supramolecular multinuclear assemblies. <i>Chemistry - A European Journal</i> , <b>2009</b> , 15, 5695-700	4.8	55
1240	Ferrocene-beta-cyclodextrin conjugates: synthesis, supramolecular behavior, and use as electrochemical sensors. <i>Chemistry - A European Journal</i> , <b>2009</b> , 15, 8146-62	4.8	73
1239	Mesoporous hybrid materials containing nanoscopic "binding pockets" for colorimetric anion signaling in water by using displacement assays. <i>Chemistry - A European Journal</i> , <b>2009</b> , 15, 9024-33	4.8	42

1238	Self-assembled monolayers of mono-tetrathiafulvalene calix[4]pyrroles and their electrochemical sensing of chloride. <i>Chemistry - A European Journal</i> , <b>2009</b> , 15, 8128-33	4.8	20
1237	Synthesis, Characterisation, Electrochemistry and Ion-Binding Studies of Ruthenium(II) and Rhenium(I) Bipyridine/Crown Ether Receptor Molecules. <b>2009</b> , 2009, 1256-1267		37
1236	A Structural Investigation of Anion-Triazole Interactions: Observation of "Pockets" and "Sandwiches" <b>2009</b> , 2009, 1172-1180		40
1235	Influence of Urea NH Acidity on Receptor-Anionic and Neutral Analyte Binding in a Ruthenium(II)-Polypyridyl-Based Colorimetric Sensor. <b>2009</b> , 2009, 2496-2507		36
1234	A Selective Metal-Ligand Fluorescent Chemosensor for Dihydrogen Phosphate via Intermolecular Excimer Formation in Water. <i>European Journal of Organic Chemistry</i> , <b>2009</b> , 2009, 1549-1553	3.2	30
1233	Ratiometric Fluorescence Sensing of Fluoride Ions by an Asymmetric Bidentate Receptor Containing a Boronic Acid and Imidazolium Group. <i>European Journal of Organic Chemistry</i> , <b>2009</b> , 2009, 3058-3065	3.2	126
1232	Triphenylamine-Based Pyridine N-Oxide and Pyridinium Salts for Size-Selective Recognition of Dicarboxylates. <i>European Journal of Organic Chemistry</i> , <b>2009</b> , 2009, 4515-4524	3.2	44
1231	Resorcinarene Podand with Amine-Functionalized Side Arms: Synthesis, Structure, and Binding Properties of a Neutral Anion Receptor. <i>European Journal of Organic Chemistry</i> , <b>2009</b> , 2009, 6151-6159	3.2	24
1230	A New Disubstituted Polyacetylene for the Detection of "Amino Acids". <b>2009</b> , 30, 170-5		31
1229	Mass spectrometric study of oligourea macrocycles and their anion binding behavior. <b>2009</b> , 44, 1338-47		9
1228	Substituent-dependence of photophysical properties of trans-2-styrylpyridazin-3(2H)-ones. <b>2009</b> , 46, 691-701		5
1227	A Facile Template Approach to High-Nuclearity Silver(I) Alkynyl Clusters. <i>Angewandte Chemie</i> , <b>2009</b> , 121, 5467-5469	3.6	33
1226	Confining Molecules within Aqueous Coordination Nanoparticles by Adaptive Molecular Self-Assembly. <i>Angewandte Chemie</i> , <b>2009</b> , 121, 9629-9632	3.6	21
1225	Binding mechanisms in supramolecular complexes. <i>Angewandte Chemie - International Edition</i> , <b>2009</b> , 48, 3924-77	16.4	910
1224	Effective binding and sensing of lipopolysaccharide: combining complementary pattern recognition receptors. <i>Angewandte Chemie - International Edition</i> , <b>2009</b> , 48, 356-60	16.4	33
1223	Supramolecular "double-propeller" dimers of hexanuclear Cu(II)/Ln(III) complexes: a {Cu <sub>3</sub> Dy <sub>3</sub> } <sub>2</sub> single-molecule magnet. <i>Angewandte Chemie - International Edition</i> , <b>2009</b> , 48, 1614-9	16.4	186
1222	How do redox groups behave around a rigid molecular platform? Hexa(ferrocenylethynyl)benzenes and their "electrostatic" redox chemistry. <i>Angewandte Chemie - International Edition</i> , <b>2009</b> , 48, 3141-5	16.4	108
1221	A facile template approach to high-nuclearity silver(I) alkynyl clusters. <i>Angewandte Chemie - International Edition</i> , <b>2009</b> , 48, 5363-5	16.4	137

1220	Confining molecules within aqueous coordination nanoparticles by adaptive molecular self-assembly. <i>Angewandte Chemie - International Edition</i> , <b>2009</b> , 48, 9465-8	16.4	100
1219	New polyacetylene-based chemosensory materials for the turn-on sensing of amino acids. <b>2009</b> , 50, 434-440		39
1218	Iodide recognition by the N,N-bis-succinamide-based dendritic molecule [CH <sub>2</sub> C(O)NHC(CH <sub>2</sub> CH <sub>2</sub> C(O)OtBu) <sub>3</sub> ] <sub>2</sub> . <b>2009</b> , 137, 350-356		12
1217	A fluorescence turn-on probe for iodide based on the redox reaction between cupric and iodide. <b>2009</b> , 138, 637-641		36
1216	Thermodynamic analysis of the interaction between 3-aminophenylboronic acid and monosaccharides for development of biosensor. <b>2009</b> , 140, 597-602		27
1215	Induced turn-on fluorescent chemosensor based on 1,3-alt thiacalix[4]arene. <b>2009</b> , 65, 4340-4344		44
1214	Cu(II) complex of a flexible tripodal receptor as a highly selective fluorescent probe for iodide. <b>2009</b> , 50, 71-74		26
1213	A highly selective fluorescent chemosensor for silver(I) in water/ethanol mixture. <b>2009</b> , 50, 671-675		67
1212	1-(4-Nitrophenyl)-benzimidazolium-based ratiometric chromogenic probes for cyanide ion. <b>2009</b> , 50, 4463-4466		18
1211	Cyanide sensing via metal ion removal from a fluorogenic BODIPY complex. <b>2009</b> , 50, 5139-5141		70
1210	A novel, simple, colorimetric receptor based on 2,4-dinitrophenylhydrazone for acetate ion in organic medium. <b>2009</b> , 63, 281-285		11
1209	Acyclic oligopyrroles as building blocks of supramolecular assemblies. <b>2009</b> , 64, 193-214		36
1208	Surface-functionalization of spherical silver nanoparticles with macrocyclic polyammonium cations and their potential for sensing phosphates. <b>2009</b> , 11, 1053-1063		21
1207	Cation binding by 21,31-diphenyl-1,2,4,2-dioxo-7,10,13-trioxa-1,4(3,1)-diquinoxalina-2(2,3),3(3,2)-diindolizinacyclopentadecaphane and its acyclic analog. <b>2009</b> , 58, 89-94		17
1206	New strategy and methods for constructing artificial macrocyclic anion receptors. Selective binding of tetrahedral oxoanions. <b>2009</b> , 58, 1785-1798		6
1205	Rational design of novel benzimidazole-based sensor molecules that display positive and negative fluorescence responses to anions. <b>2009</b> , 19, 183-8		21
1204	Anion coordination complex [Cl <sup>-</sup> Pt(bpt) <sub>4</sub> Cl] (bpt=N,N'-bis(3-pyridylmethyl)-2-thiourea). <b>2009</b> , 52, 471-474		8
1203	Static and dynamic properties of anionic intermolecular aggregates: the benzene <sup>-</sup> n case. <b>2009</b> , 123, 21-27		27

1202	Theoretical investigation of chemosensor for fluoride anion based on amidophthalimide derivatives. <b>2009</b> , 124, 225-234		10
1201	Synthesis and evaluation of new thienyl and bithienyl-bis-indolylmethanes as colorimetric sensors for anions. <b>2009</b> , 22, 362-366		26
1200	Complementary electrical and spectroscopic detection assays with on-wire-lithography-based nanostructures. <b>2009</b> , 5, 2537-40		19
1199	Cationic metal complex, carbonatobis(1,10-phenanthroline)cobalt(III) as anion receptor: Synthesis, characterization, single crystal X-ray structure and packing analysis of [Co(phen) <sub>2</sub> CO <sub>3</sub> ](3,5-dinitrobenzoate)·5H <sub>2</sub> O. <i>Journal of Molecular Structure</i> , <b>2009</b> , 921, 227-232	3-4	13
1198	Anion binding through second sphere coordination: Synthesis, characterization and X-ray structures of cationic carbonate bis(1,10-phenanthroline)cobalt(III) complex with sulphur oxoanions. <i>Journal of Molecular Structure</i> , <b>2009</b> , 927, 111-120	3-4	11
1197	Novel structures based on 1-(4-cyanophenyl)-imidazole resulting from weak bonding interactions. <i>Journal of Molecular Structure</i> , <b>2009</b> , 935, 1-7	3-4	4
1196	Chloride selective potentiometric sensor based on a newly synthesized hydrogen bonding anion receptor. <b>2009</b> , 54, 4216-4222		43
1195	A highly selective phosphorescent chemodosimeter for cysteine and homocysteine based on platinum(II) complexes. <b>2009</b> , 362, 2577-2580		36
1194	Anion directed template synthesis of Cu(II) complexes of a N,N,O donor mono-condensed Schiff base ligand: A molecular scaffold forming highly ordered H-bonded rectangular grids. <b>2009</b> , 362, 3285-3291		24
1193	ATP and triphosphate anions complexation by bis-linear tetraamines: Strong interactions at neutral pH. <b>2009</b> , 362, 3829-3834		10
1192	New applications of ruthenium solar cell sensitizers N3 and N719 as luminescence turn-on anion sensors. <b>2009</b> , 362, 5155-5162		11
1191	Anion-directed assembly in the formation of a new mixed-ligand metal organic framework. <b>2009</b> , 362, 5163-5169		1
1190	Iminophosphorane-based synthesis of multinuclear ferrocenyl urea, thiourea and guanidine derivatives and exploration of their anion sensing properties. <b>2009</b> , 65, 1397-1401		38
1189	A novel fluoride-sensing scaffold by a peculiar acid-promoted trimerization of 5,6-dihydroxyindole. <b>2009</b> , 65, 2032-2036		25
1188	An efficient phosphate sensor: tripodal quinoline excimer transduction. <b>2009</b> , 65, 2196-2200		47
1187	A dipyrenyl calixazacrown chemosensor for Mg <sup>2+</sup> . <b>2009</b> , 65, 2818-2823		32
1186	Colorimetric detection of cyanide with N-nitrophenyl benzamide derivatives. <b>2009</b> , 65, 3480-3485		93
1185	Chromogenic anionic chemosensors based on protonated merocyanine solvatochromic dyes in trichloromethane and in trichloromethane/water biphasic system. <b>2009</b> , 65, 4239-4248		29

1184	Syntheses and studies of flexible amide ligands: a toolkit for studying metallo-supramolecular assemblies for anion binding. <b>2009</b> , 65, 4681-4691	19
1183	Bifunctional maleimide dyes as selective anion sensors. <b>2009</b> , 65, 5216-5221	29
1182	A tripodal receptor bearing catechol groups for the chromogenic sensing of F <sup>-</sup> ions via frozen proton transfer. <b>2009</b> , 65, 8556-8562	34
1181	Enantioselective sensing of dicarboxylates. Influence of the stoichiometry of the complexes on the sensing mechanism. <b>2009</b> , 20, 1468-1471	14
1180	A new fluorescent chemosensor for F <sup>-</sup> based on inhibition of excited-state intramolecular proton transfer. <b>2009</b> , 50, 983-987	119
1179	Inclusion of aromatic and aliphatic anions into a cationic water-soluble calix[4]arene at different pH values. <b>2009</b> , 50, 1610-1613	17
1178	A first one-pot synthesis, isomerization and synthetic utility of mono- and bis Morita-Baylis-Hillman adducts of 1,1'-ferrocenedialdehyde. <b>2009</b> , 50, 2213-2218	7
1177	Anion recognition by 1,3-disiloxane-1,1,3,3-tetraols in organic solvents. <b>2009</b> , 50, 2754-2757	26
1176	A BODIPY-indole conjugate as a colorimetric and fluorometric probe for selective fluoride anion detection. <b>2009</b> , 50, 4293-4296	63
1175	Pyrrrolamidocalix[4]arenes: new receptors for anion recognition. <b>2009</b> , 50, 5113-5115	11
1174	Cu(II) complex of an abiotic receptor as highly selective fluorescent sensor for acetate. <b>2009</b> , 50, 5994-5997	23
1173	Cyanine dye-based chromofluorescent probe for highly sensitive and selective detection of cyanide in water. <b>2009</b> , 50, 6668-6671	63
1172	A new chemosensing ensemble for fluorescent recognition of pyrophosphate in water at physiological pH. <b>2009</b> , 50, 6844-6847	19
1171	Non-rigid bis-(2,5-diamidopyrrole) receptor, its deprotonated species and their complexes with fluoride, chloride and hydroxide ions. <b>2009</b> , 907, 131-134	3
1170	Anion interactions of cytosine nucleobase and its nucleosides: Detailed view from DFT study. <b>2009</b> , 913, 277-283	7
1169	Selective colorimetric sensing for F <sup>-</sup> by a cleft-shaped anion receptor containing amide and hydroxyl as recognition units. <b>2009</b> , 140, 467-472	57
1168	1-Arylazo-5,5-dimethyl dipyrromethanes: Versatile chromogenic probes for anions. <b>2009</b> , 141, 116-123	16
1167	A highly selective fluorescent chemosensor for fluoride based on an anthracene diamine derivative incorporating indole. <b>2009</b> , 141, 200-204	31

- 1166 Second sphere coordination in fluoroanion binding: Synthesis, spectroscopic and X-ray structural study of [Co(phen)2CO3](Pfbz)6H2O. **2009**, 130, 650-655 12
- 1165 Perchlorate-selective polymeric membrane electrode based on bis(dibenzoylmethanato)cobalt(II) complex as a neutral carrier. **2009**, 161, 641-8 19
- 1164 pH- and DNA-induced dual molecular light switches based on a novel ruthenium(II) complex. **2009**, 103, 1395-404 46
- 1163 A novel coumarin-based switching-on fluorescent and colorimetric sensor for F<sup>-</sup>. **2009**, 129, 501-505 14
- 1162 Second sphere coordination in binding of fluoroanions: Synthesis, spectroscopic characterization and single crystal X-ray structure determination of [Co(phen)3](BF4)3H2O and [Co(phen)3](PF6)3CH3COCH3. *Journal of Molecular Structure*, **2009**, 920, 119-127 3-4 15
- 1161 Cationic cobalt(III) complex as anion receptor: Synthesis, spectroscopic characterization, single-crystal X-ray structure determination and packing analyses of [Co(phen)2CO3](4-aminobenzenesulphonate).6H2O. *Journal of Molecular Structure*, **2009**, 928, 18-24 3-4 9
- 1160 Diorganotin(IV) dithiocarbamate complexes as chromogenic sensors of anion binding. *Polyhedron*, **2009**, 28, 3953-3966 2-7 48
- 1159 Linear homobimetallic palladium complexes with end-capped SC(O)Me units. **2009**, 694, 27-35 7
- 1158 Preparation of fluoride anion responsive poly(N-vinylcarbazole)-borane complexes. **2009**, 694, 1776-1779 8
- 1157 Triple fluorescence of acridinedione: Locally excited, photoinduced electron transfer promoted charge transfer and anion induced charge transfer states. **2009**, 208, 117-124 15
- 1156 A highly selective naked-eye colorimetric sensor for acetate ion based on 1,10-phenanthroline-2,9-dicarboxyaldehyde-di-(p-substitutedphenyl-hydrazone). **2009**, 72, 378-81 19
- 1155 Micelles as nanosized containers for the self-assembly of multicomponent fluorescent sensors. **2009**, 253, 2226-2240 89
- 1154 Colorimetric sensing of metal ions by bis(spiropyran) podands: Towards naked-eye detection of alkaline earth metal ions. **2009**, 80, 98-105 72
- 1153 Chromogenic anionic chemosensors based on protonated merocyanine solvatochromic dyes: Influence of the medium on the quantitative and naked-eye selective detection of anionic species. **2009**, 82, 187-195 37
- 1152 Hydrogen-Bonded Networks Constructed with 5-Nitrobarbiturate. **2009**, 9, 308-319 10
- 1151 A highly sensitive acidic pH fluorescent probe and its application to HepG2 cells. **2009**, 134, 367-71 154
- 1150 Hyperbranched calixarenes: synthesis and applications as fluorescent probes. **2009**, 4791-802 76
- 1149 A Novel Fluorescent Fluoride Chemosensor Based on Unmodified Poly(amidoamine) Dendrimer. **2009**, 41, 293-296 5



1148	Anion-driven conformational polymorphism in homochiral helical coordination polymers. <b>2009</b> , 131, 10452-60	119
1147	MCM-enzyme-supramolecular hydrogel hybrid as a fluorescence sensing material for polyanions of biological significance. <b>2009</b> , 131, 5321-30	161
1146	Highly selective iodide-responsive gel sol state transition in supramolecular hydrogels. <b>2009</b> , 19, 6219	67
1145	(Thio)urea organocatalysis--what can be learnt from anion recognition?. <b>2009</b> , 38, 1187-98	916
1144	Electron-reservoir complexes and other redox-robust reagents: functions and applications. <i>New Journal of Chemistry</i> , <b>2009</b> , 33, 1191	3.6 41
1143	Electrochemical properties of n-sulfonatothiacalix[4]arene complexes with Fe <sup>3+</sup> and [Co(dipy) <sub>3</sub> ] <sup>3+</sup> ions. <b>2009</b> , 45, 783-794	8
1142	Real-time determination of chloride anion concentration in aqueous-DMSO using a pyrrole-strapped calixpyrrole anion receptor. <b>2009</b> , 1109-11	51
1141	Giant dendritic molecular electrochrome batteries with ferrocenyl and pentamethylferrocenyl termini. <b>2009</b> , 131, 590-601	165
1140	Dendritic and Ion-Pairing Effects in Oxo-anion Recognition by Giant Alkylferrocenyl Dendrimers. <b>2009</b> , 28, 4431-4437	36
1139	Facile entrapment of a hydride inside the tetracapped tetrahedral Cu(I) <sub>8</sub> cage inscribed in a S12 icosahedral framework. <b>2009</b> , 48, 4089-97	46
1138	Highly selective and sensitive heparin probing from supramolecular assembly of pyrene derivatives. <b>2009</b> , 11, 4294-7	56
1137	Phosphates sensing: two polyamino-phenolic zinc receptors able to discriminate and signal phosphates in water. <b>2009</b> , 48, 5901-12	80
1136	Synthesis of an anion receptor for acetate based on the frame of ferrocene. <b>2009</b> , 62, 1921-1927	6
1135	Tight-contact ion pairs involving Pt(II) dithiooxamide complexes: the acid-base reactions between hydrohalogenated ion-paired complexes and pyridine. <b>2009</b> , 48, 10397-404	14
1134	Conformational analysis and anion-binding properties of ferrocenyl-calixarene receptors. <b>2009</b> , 21, 68-80	14
1133	A fluorescence sensor for detection of geranyl pyrophosphate by the chemo-ensemble method. <b>2009</b> , 74, 895-8	36
1132	Electrochemical assessment of the interaction of dihydrogen phosphate with a novel ferrocenyl receptor. <b>2009</b> , 113, 15141-4	36
1131	Anion recognition properties of 2,2'-bipyridine derivative receptors containing phenol group. <b>2009</b> , 29, 274-9	1

1130	Thioxaaza-macrocyclic chromoionophores as mercury(II) sensors: synthesis and color modulation. <b>2009</b> , 11, 1393-6		54
1129	Aliphatic C-H...anion hydrogen bonds: weak contacts or strong interactions?. <b>2009</b> , 74, 2554-60		75
1128	Pyrene-Functionalized Ruthenium Nanoparticles: Novel Fluorescence Characteristics from Intraparticle Extended Conjugation. <b>2009</b> , 113, 16988-16995		48
1127	Octanuclear copper(I) clusters inscribed in a Se(12) icosahedron: anion-induced modulation of the core size and symmetry. <b>2009</b> , 131, 11222-33		54
1126	Charge-Modulated Associates of Anionic Donors with Cationic $\pi$ -Acceptors: Crystal Structures of Ternary Synthons Leading to Molecular Wires. <b>2009</b> , 9, 291-296		18
1125	Macrocycles with switchable exo/endo metal binding sites. <b>2009</b> , 131, 17620-9		28
1124	Fluoride ion recognition by chelating and cationic boranes. <b>2009</b> , 42, 388-97		457
1123	2-D Coordination Polymers of Hexa(4-cyanophenyl)[3]-radialene and Silver(I): Anion- $\pi$ Interactions and Radialene C-H...Anion Hydrogen Bonds in the Solid-State Interactions of Hexaaryl[3]-radialenes with Anions. <b>2009</b> , 9, 2911-2916		33
1122	Acridinium salt-based fluoride and acetate chromofluorescent probes: molecular insights into anion selectivity switching. <b>2009</b> , 11, 4858-61		50
1121	Chloride ion recognition using thiourea/urea based receptors incorporated into 1,3-disubstituted calix[4]arenes. <i>New Journal of Chemistry</i> , <b>2009</b> , 33, 675	3.6	49
1120	Synthesis, properties, and solid-state assemblies of $\pi$ -alkyl-substituted dipyrrolyldiketone BF <sub>2</sub> complexes. <b>2009</b> , 159, 792-796		23
1119	Bishydrazide derivatives of isoindoline as simple anion receptors. <b>2009</b> , 74, 1525-30		36
1118	Selective colorimetric sensing of anions in aqueous media through reversible covalent bonding. <b>2009</b> , 74, 4849-54		124
1117	Chemosensors for pyrophosphate. <b>2009</b> , 42, 23-31		579
1116	Gold(I) complexes of cyclodiphosphazanes cis-{RP(micro-NtBu)} <sub>2</sub> : structure of a novel tetranuclear gold(I) macrocycle, [Au{(o-MeOC <sub>6</sub> H <sub>4</sub> O)P(micro-NtBu)} <sub>2</sub> ] <sub>4</sub> (ClO <sub>4</sub> ) <sub>4</sub> . <b>2009</b> , 5478-86		30
1115	Effectiveness of removal of aqueous perchlorate by Cuprilig, a copper(II) derivative of Octolig. <b>2009</b> , 44, 188-91		10
1114	Colorimetric anion chemosensors based on anthraquinone: naked-eye detection of isomeric dicarboxylate and tricarboxylate anions. <i>New Journal of Chemistry</i> , <b>2009</b> , 33, 860	3.6	38
1113	A highly selective cyanide sensing in water via fluorescence change and its application to in vivo imaging. <b>2009</b> , 2866-8		217

1112	Turn-on fluorescent cyanide sensor based on copper ion-modified CdTe quantum dots. <b>2009</b> , 134, 107-13	149
1111	Sensitive turn-on fluorescent detection of cyanide based on the dissolution of fluorophore functionalized gold nanoparticles. <b>2009</b> , 3077-9	98
1110	Pyrophosphate selective fluorescent chemosensors based on coumarin-DPA-Cu(II) complexes. <b>2009</b> , 7215-7	109
1109	Turn-on fluorescence detection of cyanide in water: activation of latent fluorophores through remote hydrogen bonds that mimic peptide beta-turn motif. <b>2009</b> , 131, 16283-91	177
1108	Anion recognition by a macrobicyclic based on a tetraoxadiazia macrocycle and an isophthalamide head unit. <b>2009</b> , 74, 4819-27	35
1107	Synthesis and Reactivity of a Tetragallium Macrocycle. <b>2009</b> , 28, 300-305	36
1106	High-nuclearity silver clusters templated by carbonates generated from atmospheric carbon dioxide fixation. <b>2009</b> , 131, 3422-3	145
1105	Modern reaction-based indicator systems. <b>2009</b> , 38, 1647-62	382
1104	In situ tetrazole ligand synthesis leading to a microporous cadmium-organic framework for selective ion sensing. <b>2009</b> , 5415-7	136
1103	Architectural chemistry: synthesis of topologically diverse macromulticycles by sequential multiple multicomponent macrocyclizations. <b>2009</b> , 131, 3721-32	68
1102	Selective sensing of anions with calix[4]pyrroles strapped with chromogenic dipyrrolylquinoxalines. <b>2009</b> , 74, 1065-9	100
1101	Mixed-metal assemblies involving ferrocene-naphthyridine hybrids. <b>2009</b> , 48, 978-90	38
1100	Anion binding of short, flexible aryl triazole oligomers. <b>2009</b> , 74, 8924-34	114
1099	Water Treatment by Dendrimer-Enhanced Filtration: Principles and Applications. <b>2009</b> , 143-155	13
1098	Anion complexation of a pentafluorophenyl-substituted tripodal urea receptor in solution and the solid state: selectivity toward phosphate. <b>2009</b> , 4160-8	129
1097	Magnetic and porous molecule-based materials. <b>2010</b> , 293, 207-58	52
1096	Mononuclear ferrocenophane structural motifs with two thiourea arms acting as a dual binding site for anions and cations. <b>2009</b> , 48, 1566-76	48
1095	"Wurster-type" ureas as redox-active receptors for anions. <b>2009</b> , 74, 6637-46	33

1094	A new open benzodipyrrole-based chemosensor for hydrogenpyrophosphate anion in aqueous environment. <b>2009</b> , 7539-41	31
1093	Naphthalene-bis-hydrazimide: radical anions and ICT as new bimodal probes for differential sensing of a library of amines. <b>2009</b> , 3702-4	46
1092	Cationic boranes for the complexation of fluoride ions in water below the 4 ppm maximum contaminant level. <b>2009</b> , 131, 3363-9	237
1091	Aqueous fluorometric and colorimetric sensing of phosphate ions by a fluorescent dinuclear zinc complex. <b>2009</b> , 48, 2993-9	151
1090	Full- or half-encapsulation of sulfate anion by a tris(3-pyridylurea) receptor: effect of the secondary coordination sphere. <b>2009</b> , 48, 10249-56	108
1089	Anion-controlled ion-pair recognition of paraquat by a bis(m-phenylene)-32-crown-10 derivative heteroditopic host. <b>2009</b> , 74, 1322-8	98
1088	Acid-induced surface functionalization of polyoxometalate by enclosure in a polyhedral silver-alkynyl cage. <b>2009</b> , 131, 18257-9	201
1087	Magnetic observation of anion binding in iron coordination complexes: toward spin-switching chemosensors. <b>2009</b> , 131, 32-3	79
1086	Giant Cobalticinium Dendrimers. <b>2009</b> , 28, 2716-2723	44
1085	Halide binding in laterally non-symmetric aza-oxa cryptands through N/O/C-H...halide interactions with characterization of small water clusters. <b>2009</b> , 6496-506	16
1084	Photoluminescence of CdTe nanocrystals modulated by methylene blue and DNA. A label-free luminescent signaling nanohybrid platform. <b>2009</b> , 11, 5062-9	35
1083	A tetranuclear iridium(iii) complex with a flavin analogue as a bridging ligand in different coordination modes and exchangeable anion encapsulation in a supramolecular cage. <b>2009</b> , 6643-5	6
1082	Binding of the terephthalate dianion by di- tri- and tetrathiourea functionalised fused [3] and [5]polynorbornane based hosts. <b>2009</b> , 7, 4233-40	24
1081	Metal complexes with two different hydrogen-bond donor ligands as anion hosts. <b>2009</b> , 3279-81	11
1080	A new approach to fluorescence "turn-on" sensing of alpha-amino acids. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2009</b> , 1, 232-4	9.5 34
1079	Electrochemical Behaviors and Anion Recognition of Ferrocene Modified Hyperbranched Polyether. <b>2009</b> , 42, 4500-4510	30
1078	Interlocked host anion recognition by an indolocarbazole-containing [2]rotaxane. <b>2009</b> , 131, 4937-52	66
1077	A novel approach for the design of a highly selective sulfate-ion-selective electrode. <b>2009</b> , 325-7	15

1076	Synthesis and spectroscopic properties of modular platinum(II) terpyridine phosphorescent pockets. <b>2009</b> , 4741-6		9
1075	Synthesis and anion binding of 2-arylazo-meso-octamethylcalix[4]pyrroles. <b>2009</b> , 21, 394-400		16
1074	A thiazoline-containing cobalt(II) complex based colorimetric fluorescent probe: "turn-on" detection of fluoride. <b>2009</b> , 10422-5		21
1073	Ion-pair separation via selective inclusion/segregation processes. <b>2009</b> , 11, 1204		37
1072	A visible light excitable fluorescent sensor for triphosphate/pyrophosphate based on a diZn <sup>2+</sup> complex bearing an intramolecular charge transfer fluorophore. <b>2009</b> , 7888-90		24
1071	Surfactant-assisted chromogenic sensing of cyanide in water. <i>New Journal of Chemistry</i> , <b>2009</b> , 33, 1641	3.6	63
1070	Colorimetric and luminescent sensing of F <sup>-</sup> anion through strong anion- $\pi$ interaction inside the $\pi$ -acidic cavity of a pyridyl-triazine bridged trinuclear Re(I)-tricarbonyl diimine complex. <b>2009</b> , 1511-3		41
1069	Stereochemistry and thermodynamics of the inclusion of aliphatic and aromatic anionic guests in a tetracationic calix[4]arene in acidic and neutral aqueous solutions. <i>New Journal of Chemistry</i> , <b>2009</b> , 33, 991	3.6	18
1068	Protonation activates anion binding and alters binding selectivity in new inherently fluorescent 2,6-bis(2-anilinoethynyl)pyridine bisureas. <b>2009</b> , 2520-2		59
1067	A unique chair-shaped hexanuclear Cu(I) metallamacrocyclic C <sub>2</sub> H <sub>4</sub> adduct encapsulating a BF <sub>4</sub> <sup>-</sup> anion. <b>2009</b> , 415-7		26
1066	Di-platinum complexes containing thiolato-urea ligands: structural and anion binding studies. <b>2009</b> , 2974-85		5
1065	Solvent-sensitive charge-transfer absorption behaviours and dual-emissive fluorescent properties of a thiazole-conjugated pyridinium complex. <i>New Journal of Chemistry</i> , <b>2009</b> , 33, 853	3.6	6
1064	A flexible bis(pyridylcarbamate) anion receptor: binding of infinite double-stranded phosphate, [-sulfate-(H <sub>2</sub> O) <sub>2</sub> ] <sup>-n</sup> , and hydrogen-bridged helical perchlorate chain. <b>2009</b> , 11, 1849		25
1063	Solvatofluorochromism of N-[2-(2-hydroxyethylamino)-ethyl]-1,8-naphthalimide in protic solvent. <i>Journal of Molecular Structure</i> , <b>2009</b> , 917, 170-175	3.4	8
1062	N-urethane-protected amino alkyl isothiocyanates: synthesis, isolation, characterization, and application to the synthesis of thioureidopeptides. <b>2009</b> , 74, 5260-6		32
1061	Cation- $\pi$ -anion interaction in alkali ion-benzene-halogen ion clusters. <b>2009</b> , 113, 14741-8		31
1060	A straightforward method for the colorimetric detection of endogenous biological cyanide. <i>Analytical Chemistry</i> , <b>2009</b> , 81, 9493-8	7.8	80
1059	Indole-azadiene conjugate as a colorimetric and fluorometric probe for selective fluoride ion sensing. <b>2009</b> , 7, 2072-6		47

1058	Anion-induced conformational changes in 2,7-disubstituted indole-based receptors. <b>2009</b> , 7, 3505-11		38
1057	Fluoride recognition by a chiral urea receptor linked to a phthalimide chromophore. <b>2009</b> , 7, 3499-504		34
1056	Transport of chloride ion through phospholipid bilayers mediated by synthetic ionophores. <i>New Journal of Chemistry</i> , <b>2009</b> , 33, 947	3.6	89
1055	Lanthanide complexes with cucurbit[n]urils (n = 5, 6, 7) and perrhenate ligands: new examples of encapsulation of perrhenate anions. <b>2009</b> , 48, 4497-513		71
1054	Novel asymmetrically functionalized bis-dipicolylamine metal complexes: peripheral decoration of a potent anion recognition scaffold. <b>2009</b> , 7, 5074-7		29
1053	Alkoxy-substituted Derivatives of $\beta$ -Conjugated Acyclic Anion Receptors: Effects of Substituted Positions. <b>2009</b> , 38, 208-209		20
1052	X/π Interactions in Aromatic Heterocycles: Basic Principles and Recent Advances. <b>2009</b> , 103-118		14
1051	Application of gold nanoparticles to spectrophotometric sensing of hydrophilic anions based on molecular recognition by urea derivative. <b>2009</b> , 25, 261-5		22
1050	Angular Dipyridyl Ligands 2,5-Bis(4-pyridyl)-1,3,4-oxadiazole and Its 3-Pyridyl Analogue as Building Blocks for Coordination Architectures: Assemblies, Structural Diversity, and Properties. <b>2009</b> , 82, 539-554		34
1049	Tuning Structures and Properties of Coordination Polymers by the Noncoordinating Backbone of Bridging Ligands. <b>2009</b> , 145-170		2
1048	Cyclopeptide Derived Synthetic Receptors. <b>2010</b> , 135-167		2
1047	A New Pyridyloxadiazole Incorporated Acridone Offering Selective Optical Detection of Fluoride. <b>2010</b> , 39, 650-651		3
1046	Zn <sup>2+</sup> -Specific Colorimetric Receptor Based on Coumarin. <b>2010</b> , 83, 1211-1215		4
1045	Electroswitchable binding of [Co(dipy) <sub>3</sub> ] <sup>3+</sup> and [Fe(dipy) <sub>3</sub> ] <sup>2+</sup> n-sulfonato(thia)calix[4]arenes. <b>2010</b> , 46, 1263-1279		3
1044	Palladium-catalyzed amination in the synthesis of polyazamacrocycles. <b>2010</b> , 46, 947-967		20
1043	Imprinted Functionalized Silica. <b>2010</b> , 581-598		0
1042	Fluorescence sensing of phytate in water using an isothiuronium-attached polythiophene. <i>Chemistry - an Asian Journal</i> , <b>2010</b> , 5, 605-11	4.5	23
1041	A selective, cell-permeable fluorescent probe for Al <sup>3+</sup> in living cells. <b>2010</b> , 8, 3751-7		137

1040	Phosphorescent chemosensors based on heavy-metal complexes. <b>2010</b> , 39, 3007-30		1019
1039	A versatile tripodal amide receptor for the encapsulation of anions or hydrated anions via formation of dimeric capsules. <b>2010</b> , 49, 943-51		71
1038	Fluoride ion complexation and sensing using organoboron compounds. <b>2010</b> , 110, 3958-84		895
1037	2, 2'-Dihydroxyazobenzene-based fluorescent system for the colorimetric turn-on sensing of cyanide. <b>2010</b> , 66, 1846-1851		29
1036	1-Aminoanthracene-9,10-dione based chromogenic molecular sensors: effect of nature and number of nitrogen atoms on metal ion sensing behavior. <b>2010</b> , 66, 6990-7000		21
1035	Thiazole-based chemosensor III: synthesis and fluorescence sensing of CH <sub>3</sub> CO <sub>2</sub> <sup>-</sup> based on inhibition of ESIPT. <b>2010</b> , 66, 7097-7103		33
1034	Self assembled pseudo double helix architecture and anion sensing behavior of a coumarin based ICT probe. <i>Journal of Molecular Structure</i> , <b>2010</b> , 963, 228-233	3-4	21
1033	Design and synthesis of thiourea based receptor containing naphthalene as oxalate selective sensor. <b>2010</b> , 16, 129-36		22
1032	A density functional study towards substituent effects on anion sensing with urea receptors. <b>2010</b> , 16, 1441-8		26
1031	Direct coordination of metal ions to cucurbit[n]urils. <b>2010</b> , 55, 3633-3640		29
1030	Probing Conformational Strain in Multinuclear Lewis Acids: Synthesis, Spectroscopic and Structural Characterization of the Dinuclear Ferroceneboronic Ester (C <sub>5</sub> -C <sub>5</sub> H <sub>5</sub> )Fe(C <sub>5</sub> -C <sub>5</sub> H <sub>4</sub> )BO <sub>2</sub> C <sub>5</sub> H <sub>8</sub> O <sub>2</sub> B(C <sub>5</sub> -C <sub>5</sub> H <sub>4</sub> )Fe(C <sub>5</sub> -C <sub>5</sub> H <sub>5</sub> ). <b>2010</b> , 40, 156-159		5
1029	Ratiometric and selective fluorescent sensor for F <sup>-</sup> based on intramolecular charge transfer (ICT). <b>2010</b> , 20, 1299-305		7
1028	Preference of Polyamide Cryptand to Cl <sup>-</sup> . <b>2010</b> , 66, 75-79		
1027	Fluorescent chemosensor for Cu <sup>2+</sup> ion based on iminoanthryl appended calix[4]arene. <b>2010</b> , 66, 139-145		27
1026	Convenient synthesis of tripodal-pyrrole receptor and anion binding properties. <b>2010</b> , 66, 209-212		7
1025	Anthracene-tethered aminomethyl oxadiazole chemosensor: a probe offering selective chromo- and fluorogenic signalings for targeting Cu(II). <b>2010</b> , 67, 361-367		5
1024	Amide-based tripodal receptors for selective anion recognition. <b>2010</b> , 68, 49-54		10
1023	3-(4-Thiocarbamoyl-1,2,3-triazol-1-yl)benzo-15-crown-5: synthesis and properties. <b>2010</b> , 59, 867-869		4

1022	New Host Molecules with Imidazoliums as Functional Arms: Syntheses and Anion Recognition. <b>2010</b> , 20, 447-452		2
1021	TD-DFT study on the sensing mechanism of a fluorescent chemosensor for fluoride: excited-state proton transfer. <b>2010</b> , 31, 1759-65		77
1020	Dimetallic Activation of Dihydrogen Phosphate by Zn(salphen) Chromophores. <b>2010</b> , 2010, 4611-4616		15
1019	Supramolecular and Intramolecular Energy Transfer with Ruthenium Anthracene Donor-Acceptor Couples: Salt Bridge versus Covalent Bond. <b>2010</b> , 2010, 5509-5516		19
1018	A Metal-Macrocycle Complex as a Fluorescent Sensor for Biological Phosphate Ions in Aqueous Solution. <i>European Journal of Organic Chemistry</i> , <b>2010</b> , 2010, 1921-1927	3.2	43
1017	Synthesis of a C3-Symmetric Furyl-Cyclopeptide Platform with Anion Recognition Properties. <i>European Journal of Organic Chemistry</i> , <b>2010</b> , 2010, 4049-4055	3.2	8
1016	From Flexible to Constrained Tris(tetraamine) Ligands: Synthesis, Acid-Base Properties, and Structural Effect on the Coordination Process with Nucleotides. <i>European Journal of Organic Chemistry</i> , <b>2010</b> , 2010, 5380-5390	3.2	12
1015	Heteroditopic Chiral Uranyl-Salen Receptor for Molecular Recognition of Amino Acid Ammonium Salts. <i>European Journal of Organic Chemistry</i> , <b>2010</b> , 2010, 3806-3810	3.2	39
1014	Multifold Photocyclization Reactions of Styrylcalix[4]arenes. <i>European Journal of Organic Chemistry</i> , <b>2010</b> , 2010, 6786-6797	3.2	14
1013	ACE applied to the quantitative characterization of benzo-18-crown-6-ether binding with alkali metal ions in a methanol-water solvent system. <b>2010</b> , 31, 702-8		33
1012	Electrochemically Controlled H-Bonding. <b>2010</b> , 1-32		2
1011	Acid-base controllable recognition properties of a highly versatile calix[6]crypturea. <i>Chemistry - A European Journal</i> , <b>2010</b> , 16, 2159-69	4.8	46
1010	Voltammetric characterization of redox-inactive guest binding to Ln(III)[15-Metallacrown-5] hosts based on competition with a redox probe. <i>Chemistry - A European Journal</i> , <b>2010</b> , 16, 6786-96	4.8	50
1009	CH-directed anion- $\pi$ interactions in the crystals of pentafluorobenzyl-substituted ammonium and pyridinium salts. <i>Chemistry - A European Journal</i> , <b>2010</b> , 16, 5062-9	4.8	67
1008	Self-assembly of calix[6]arene-diazapyrenium pseudorotaxanes: interplay of molecular recognition and ion-pairing effects. <i>Chemistry - A European Journal</i> , <b>2010</b> , 16, 3467-75	4.8	26
1007	Pyrazino[2.3-g]quinoxaline-bridged indole-based building blocks: design, synthesis, anion-binding properties, and phosphate-directed assembly in the solid state. <i>Chemistry - A European Journal</i> , <b>2010</b> , 16, 4639-49	4.8	34
1006	The squaramide versus urea contest for anion recognition. <i>Chemistry - A European Journal</i> , <b>2010</b> , 16, 4368-80	4.8	147
1005	Anion-assisted complexation of paraquat by cryptands based on bis(m-phenylene)-[32]crown-10. <i>Chemistry - A European Journal</i> , <b>2010</b> , 16, 6088-98	4.8	45



1004	A cyclopeptide-derived molecular cage for sulfate ions that closes with a click. <i>Chemistry - A European Journal</i> , <b>2010</b> , 16, 7241-55	4.8	40
1003	Cationic iridium(III) complex containing both triarylboron and carbazole moieties as a ratiometric fluoride probe that utilizes a switchable triplet-singlet emission. <i>Chemistry - A European Journal</i> , <b>2010</b> , 16, 7125-33	4.8	106
1002	Fluorescence spectroscopic evidence for hydrogen bonding and deprotonation equilibrium between fluoride and a thiourea derivative. <i>Chemistry - A European Journal</i> , <b>2010</b> , 16, 13271-7	4.8	20
1001	A micelle-based chemosensing ensemble for the fluorimetric detection of chloride in water. <i>Chemistry - A European Journal</i> , <b>2010</b> , 16, 8291-5	4.8	26
1000	Enhanced anion binding from unusual coordination modes of bis(thiourea) ligands in platinum group metal complexes. <i>Chemistry - A European Journal</i> , <b>2010</b> , 16, 10818-31	4.8	16
999	A unique water-tuning dual-channel fluorescence-enhanced sensor for aluminum ions based on a hybrid ligand from a 1,1'-binaphthyl scaffold and an amino acid. <i>Chemistry - A European Journal</i> , <b>2010</b> , 16, 10313-8	4.8	115
998	Rotaxanes capable of recognising chloride in aqueous media. <i>Chemistry - A European Journal</i> , <b>2010</b> , 16, 13082-94	4.8	55
997	A Tridentate Halogen-Bonding Receptor for Tight Binding of Halide Anions. <i>Angewandte Chemie</i> , <b>2010</b> , 122, 1718-1721	3.6	72
996	A Giant Silver Alkynyl Cage with Sixty Silver(I) Ions Clustered around Polyoxometalate Templates. <i>Angewandte Chemie</i> , <b>2010</b> , 122, 1809-1811	3.6	36
995	A Rapid Aqueous Fluoride Ion Sensor with Dual Output Modes. <i>Angewandte Chemie</i> , <b>2010</b> , 122, 5035-5038	3.6	54
994	Click Syntheses of 1,2,3-Triazolylbiferrocenyl Dendrimers and the Selective Roles of the Inner and Outer Ferrocenyl Groups in the Redox Recognition of ATP <sup>2-</sup> and Pd <sup>2+</sup> . <i>Angewandte Chemie</i> , <b>2010</b> , 122, 8328-8332	3.6	12
993	A tridentate halogen-bonding receptor for tight binding of halide anions. <i>Angewandte Chemie - International Edition</i> , <b>2010</b> , 49, 1674-7	16.4	213
992	A giant silver alkynyl cage with sixty silver(I) ions clustered around polyoxometalate templates. <i>Angewandte Chemie - International Edition</i> , <b>2010</b> , 49, 1765-7	16.4	182
991	A rapid aqueous fluoride ion sensor with dual output modes. <i>Angewandte Chemie - International Edition</i> , <b>2010</b> , 49, 4915-8	16.4	467
990	Click syntheses of 1,2,3-triazolylbiferrocenyl dendrimers and the selective roles of the inner and outer ferrocenyl groups in the redox recognition of ATP <sup>2-</sup> and Pd <sup>2+</sup> . <i>Angewandte Chemie - International Edition</i> , <b>2010</b> , 49, 8152-6	16.4	82
989	Fluorescent salicylaldehyde hydrazone as selective chemosensor for Zn <sup>2+</sup> in aqueous ethanol: a ratiometric approach. <b>2010</b> , 25, 445-51		31
988	Copolymer of Fluorene and Triphenylamine Moieties: Direct and Post-Functionalization Strategy, Structural Characterization, and Chemosensing Behavior. <b>2010</b> , 211, 18-26		26
987	Colorimetric and fluorescence sensing of fluoride anions with potential salicylaldimine based schiff base receptors. <b>2010</b> , 75, 1146-51		79

- 986 N-Salicyloyltryptamine: An efficient fluorescent turn-on chemosensor for F<sup>-</sup> and AcO<sup>-</sup> based on an increase in the rigidity of the receptor. **2010**, 130, 392-398 8
- 985 Influence of the counteranion on silver(I)-dithioether coordination polymers. *Polyhedron*, **2010**, 29, 2966-2975 8
- 984 Rhodium vinylidene and alkyne complexes containing a pendant uracil group. **2010**, 695, 18-25 6
- 983 Synthesis of novel calix[4]arenes containing organosilicon groups. **2010**, 695, 26-31 13
- 982 Functionalisation of the upper rim of calix[4]arene via alcoholysis and hydrosilylation reactions. **2010**, 695, 505-511 8
- 981 Ratiometric fluorescence sensing of phenylalanine derivatives by synthetic macrocyclic receptors. **2010**, 209, 61-67 27
- 980 Extended molecular networks based on Zn and Cd imparting N-substituted imidazole. **2010**, 363, 995-1000 8
- 979 Luminescent metalloceptors with pendant macrocyclic ionophore: Synthesis, characterization, electrochemistry and ion-binding study. **2010**, 363, 1639-1648 18
- 978 Arylazoimidazoliumchloride and chlorometallates: Spectroscopic and structural characterization. **2010**, 363, 2080-2088 3
- 977 Anion binding studies of tris(2-aminoethyl)amine based amide receptors with nitro functionalized aryl substitutions: A positional isomeric effect. **2010**, 363, 2886-2895 39
- 976 Calix[4]arene based chemosensor for selective complexation of Cd(II) and Cu(II). *Journal of Molecular Structure*, **2010**, 975, 69-77 3-4 29
- 975 Isolation of a new bromocadmiate(II) anion stabilized by second sphere coordination: [Co(NH<sub>3</sub>)<sub>6</sub>]<sub>2</sub>[Cd<sub>3</sub>Br<sub>10</sub>(H<sub>2</sub>O)<sub>2</sub>Br<sub>2</sub>]<sub>2</sub>·2H<sub>2</sub>O. *Journal of Molecular Structure*, **2010**, 980, 261-266 3-4 8
- 974 Boron-dipyrromethene based specific chemodosimeter for fluoride ion. **2010**, 66, 1728-1734 101
- 973 Anion recognition through hydrogen bonding by adamantane-dipyrromethane receptors. **2010**, 66, 1689-1698 14
- 972 Novel quinoxalinophenanthrophenazine-based molecules as sensors for anions: synthesis and binding investigations. **2010**, 66, 2944-2952 31
- 971 Calix[5]crown-3-based heteroditopic receptors for n-butylammonium halides. **2010**, 66, 4987-4993 25
- 970 A simple thiourea based colorimetric sensor for cyanide anion. **2010**, 66, 7465-7471 55
- 969 Binding of neutral molecules by p-nitrophenylureido substituted calix[4]arenes. **2010**, 66, 8047-8050 13

968	Anion sensing properties of new colorimetric chemosensors based on macrocyclic ligands bearing three nitrophenylurea groups. <b>2010</b> , 66, 9223-9230	45
967	Synthesis of rigid and C <sub>2</sub> -symmetric 18-crown-6 type macrocycles bearing diamide diester groups: enantiomeric recognition for $\beta$ -(1-naphthyl)ethylammonium perchlorate salts. <b>2010</b> , 21, 1893-1899	8
966	Doubly activated coumarin as a colorimetric and fluorescent chemodosimeter for cyanide. <b>2010</b> , 51, 185-187	84
965	Fluorescent Zn <sup>2+</sup> chemosensors, functional in aqueous solution under environmentally relevant conditions. <b>2010</b> , 51, 1161-1165	28
964	A macrocyclic diurea derived from diphenylether. <b>2010</b> , 51, 1202-1204	7
963	Anion recognition by d-ribose-based receptors. <b>2010</b> , 51, 2512-2514	17
962	Coumarinyl aldehyde as a Michael acceptor type of colorimetric and fluorescent probe for cyanide in water. <b>2010</b> , 51, 2914-2916	53
961	A novel fluorescent enantioselective discrimination of lansoprazole based on a chiral N,N'-dioxide Sc(III) complex. <b>2010</b> , 51, 3511-3513	11
960	Highly selective ratiometric estimation of fluoride ion based on a BINOL imidazolium cyclophane with dual-channel. <b>2010</b> , 51, 4395-4399	20
959	Click synthesis of ferrocenyl-, biferrocenyl-, and cobalticenyl-triazolyl- $\beta$ -cyclodextrins. <b>2010</b> , 51, 4617-4619	15
958	New color chemosensors for cyanide based on water soluble azo dyes. <b>2010</b> , 51, 5810-5814	58
957	Aminocalix[4]arene: the effect of pH on the dynamics of gate and portals on the hydrophobic cavity. <b>2010</b> , 51, 6156-6160	14
956	Metal ion based chiral fluorescence sensor selective for dihydrogenphosphate. <b>2010</b> , 51, 6707-6710	23
955	Synthesis and recognition properties of a class of simple colorimetric anion chemosensors containing OH and CONH groups. <b>2010</b> , 147, 434-441	70
954	Recognition of pyrophosphate anion in aqueous solution using the competition displacement method. <b>2010</b> , 149, 407-412	26
953	Rhodamine appended terphenyl: A reversible off-on fluorescent chemosensor for mercury ions. <b>2010</b> , 151, 180-185	73
952	Thiourea based novel chromogenic sensor for selective detection of fluoride and cyanide anions in organic and aqueous media. <b>2010</b> , 663, 77-84	100
951	Microtiterplate phosphate assay based on luminescence quenching of a terbium complex amenable to decay time detection. <b>2010</b> , 675, 42-8	7

- 950 Novel synthesis of N-substituted-calix[4]azacrown derivatives. **2010**, 21, 807-809 4
- 949 The synthesis of novel fluorescent purine analogues modified by azacrown ether at C6. **2010**, 20, 3098-102 9
- 948 Synthesis, structure and dielectric constant property of two novel complexes based on protonated 1-aminoadamantane. **2010**, 13, 1152-1155 10
- 947 Sulfate binding in zinc(II) complexes of a monopyridylurea ligand N-(1-naphthyl)-N'-(3-pyridyl)urea. **2010**, 13, 1103-1107 15
- 946 Synthesis and anion-sensing property of a family of Ru(II)-based receptors containing functionalized polypyridine as binding site. **2010**, 13, 1522-1526 20
- 945 Syntheses, Characterization, and Electrochemical Anion Recognition Investigation of New N-5-Ferrocenylisophthalic Amino Acid Methyl Esters. **2010**, 636, 236-241 7
- 944 FT-IR, FT-Raman and ab-initio studies of 1,3-diphenyl thiourea. **2010**, 1, 173-178 17
- 943 Novel Synthesis and Characterisation of N-Substituted-Calix[4](aza)Crown Derivatives. **2010**, 34, 322-324
- 942 Stabilization of tetrameric metavanadate ion by tris(1,10-phenanthroline)cobalt(III): Synthesis, spectroscopic and X-ray structural study of [Co(phen)(3)](3)(V(4)O(12))(2)Cl(2)7H(2)O. **2010**, 63, 3016-3027 8
- 941 Pyrrole-Based Anion Sensors, Part I: Colorimetric Sensors. **2010**, 205-235 22
- 940 Synthesis of Novel Amides of Phenyl-1, 4-Dioxyacetic acid as Molecular Tweezers and Studies on their Molecular Recognition. **2010**, 34, 399-402 5
- 939 Anion encapsulation by Ln(III)/K(I) heterobismetall-capped cucurbit[5]uril. **2010**, 22, 130-134 20
- 938 Microwave-Assisted Synthesis of Novel Aryloxyacetyl Hydrazones Molecular Tweezers under Solvent-Free Conditions. **2010**, 34, 208-210 0
- 937 Acyclic Oligopyrrolic Anion Receptors. **2010**, 103-143 14
- 936 Enhanced liquid-liquid anion exchange using macrocyclic anion receptors: effect of receptor structure on sulphate-nitrate exchange selectivity. **2010**, 22, 653-671 26
- 935 Anion complexation by triazolium "ligands": mono- and bis-tridentate complexes of sulfate. **2010**, 12, 2710-3 89
- 934 Stopped-flow kinetic analysis of the interaction of cyclo[8]pyrrole with anions. **2010**, 132, 16617-22 13
- 933 Synthesis of biindole-diazo conjugates as a colorimetric anion receptor. **2010**, 12, 2634-7 48

932	Luminescent Rare Earth Complexes as Chemosensors and Bioimaging Probes. <b>2010</b> , 529-570	6
931	Visible and near-infrared sensing of fluoride by indole conjugated urea/thiourea ligands. <b>2010</b> , 46, 2962-4	110
930	Specific recognition and sensing of CN <sup>-</sup> in sodium cyanide solution. <b>2010</b> , 12, 3406-9	189
929	Emission response towards three anions (F <sup>-</sup> , HSO <sub>4</sub> <sup>-</sup> and AcO <sup>-</sup> ) by a luminescent europium ternary complex with a 2-arylimidazole-1,10-phenanthroline conjugate. <b>2010</b> , 9, 791-5	32
928	A highly pH-sensitive Zn(II) chemosensor. <b>2010</b> , 39, 7080-90	14
927	Controlling binding affinities for anions by a photoswitchable foldamer. <b>2010</b> , 12, 3630-3	117
926	Multi-channel receptors based on thiopyrylium functionalised with macrocyclic receptors for the recognition of transition metal cations and anions. <b>2010</b> , 39, 3449-59	25
925	A new approach for the selective and sensitive colorimetric detection of ionic surfactants in water. <b>2010</b> , 20, 1442-1451	19
924	A calix[4]arene strapped calix[4]pyrrole: an ion-pair receptor displaying three different cesium cation recognition modes. <b>2010</b> , 132, 5827-36	143
923	Viologen-based redox-switchable anion-binding receptors. <i>New Journal of Chemistry</i> , <b>2010</b> , 34, 1373	3.6 59
922	Monometallic and bimetallic ruthenium(II) complexes derived from 4,5-bis(benzimidazol-2-yl)imidazole (H3Imbzim) and 2,2'-bipyridine as colorimetric sensors for anions: synthesis, characterization, and binding studies. <b>2010</b> , 49, 2334-48	88
921	Synthesis and Anion Binding Properties of Diamide Derivatives of p-tert-Butylcalix[4]arene. <b>2010</b> , 47, 225-229	4
920	A generalized formulation of ion- $\pi$ -electron interactions: role of the nonelectrostatic component and probe of the potential parameter transferability. <b>2010</b> , 114, 11964-70	35
919	An ATP fluorescent chemosensor based on a Zn(II)-complexed dipicolylamine receptor coupled with a naphthalimide chromophore. <b>2010</b> , 46, 1085-7	146
918	Imidazolium-Based Receptors. <b>2010</b> , 267-300	20
917	A Zn <sup>2+</sup> -specific fluorescent molecular probe for the selective detection of endogenous cyanide in biorelevant samples. <b>2010</b> , 46, 6069-71	121
916	Design, synthesis, photophysics, and ion-binding studies of a ditopic receptor based on gold(I) phosphine thiolate complex functionalized with crown ether and urea binding units. <b>2010</b> , 49, 2273-9	46
915	Recognition of anions and neutral guests by dicationic pyridine-2,6-dicarboxamide receptors. <b>2010</b> , 75, 2259-73	60

914	Dendrimers designed for functions: from physical, photophysical, and supramolecular properties to applications in sensing, catalysis, molecular electronics, photonics, and nanomedicine. <b>2010</b> , 110, 1857-959	1534
913	Binding of urea and thiourea with a barbiturate derivative: experimental and theoretical approach. <b>2010</b> , 114, 97-104	14
912	Recognition and sensing of nucleoside monophosphates by a dicopper(II) cryptate. <b>2010</b> , 132, 147-56	94
911	Turn-off-and-on: chemosensing ensembles for sensing chloride in water by fluorescence spectroscopy. <b>2010</b> , 49, 9546-53	41
910	Two New Receptors for Carboxylate Anions with an IR-Active Reporting Group. <b>2010</b> , 29, 509-511	10
909	Ferrocene-substituted nitrogen-rich ring systems as multichannel molecular chemosensors for anions in aqueous environment. <b>2010</b> , 75, 162-9	67
908	Macrocyclic and acyclic molecules synthesized from dipyrrolylmethanes: receptors for anions. <b>2010</b> , 12, 3910-3	25
907	Anion channel structure through packing of cucurbit[5]uril-Pb <sup>2+</sup> or cucurbit[5]uril-Hg <sup>2+</sup> complexes. <b>2010</b> , 63, 1369-1378	27
906	Fluoride: solution- and solid-state structural binding probe. <b>2010</b> , 75, 277-83	43
905	"Naked-eye" screening of metal-based chemosensors for biologically important anions. <b>2010</b> , 49, 10220-2	48
904	Anion Recognition by Highly Sterically Encumbered 1,2-Diborylferrocenes. <b>2010</b> , 29, 4762-4765	17
903	Highly Specific Molecular Recognition by a Roughly Defined Supramolecular Nanocapsule: A Fuzzy Recognition Mechanism. <b>2010</b> , 43, 3809-3816	22
902	Recognition of achiral and chiral ammonium salts by neutral ditopic receptors based on chiral salen-UO <sub>2</sub> macrocycles. <b>2010</b> , 75, 1437-43	34
901	Two-step assembly of multinuclear metallacycles with half-sandwich Ir, Rh, and Ru fragments for counteranion encapsulation. <b>2010</b> , 49, 2193-201	47
900	Magneto-structural correlation studies and theoretical calculations of a unique family of single end-to-end azide-bridged Ni(II) <sub>4</sub> cyclic clusters. <b>2010</b> , 49, 9517-26	51
899	Pyrrole-Based Anion Sensors, Part II: Fluorescence, Luminescence, and Electrochemical Sensors. <b>2010</b> , 237-265	15
898	Monovalent Anion Indicator Based on Fluorescence Quenching of Helical Fluorinated Poly(dialkylsilanes). <b>2010</b> , 43, 7919-7923	9
897	Azatripyrrolic and azatetrapyrrolic macrocycles from the Mannich reaction of pyrrole: receptors for anions. <b>2010</b> , 12, 3212-5	22

896	Bistripodand amide host for compartmental recognition of multiple oxyanions. <b>2010</b> , 12, 328-31	44
895	Branching the electron-reservoir complex [Fe(eta(5)-C5H5)(eta(6)-C6Me6)][PF6] onto large dendrimers: "click", amide, and ionic bonds. <b>2010</b> , 49, 6085-101	30
894	Structural, spectroscopic, and anion-binding properties of 5,10-porphodimethenes, an unusual class of calixphyrins. <b>2010</b> , 114, 2464-70	18
893	Tricyclic host for linear anions. <b>2010</b> , 49, 8629-36	34
892	Coordination-Driven Self-Assembly of Metallamacrocycles via a New PtII2 Organometallic Building Block with 90° Geometry and Optical Sensing of Anions. <b>2010</b> , 29, 2971-2980	100
891	Novel approach to aminocarboranes by mild amidation of selected iodo-carboranes. <b>2010</b> , 49, 10627-34	66
890	Responsive Polymers for Detection and Sensing Applications: Current Status and Future Developments. <b>2010</b> , 43, 8315-8330	507
889	An all-solid-state monohydrogen phosphate sensor based on a macrocyclic ionophore. <b>2010</b> , 82, 1107-12	19
888	Diversity of binding of sulfate and nitrate anions with laterally asymmetric aza cryptands. <b>2010</b> , 12, 413-419	13
887	Biomimetic Synthetic Receptors as Molecular Recognition Elements. <b>2010</b> , 777-816	1
886	Synthesis and study of the use of heterocyclic thiosemicarbazones as signaling scaffolding for the recognition of anions. <b>2010</b> , 75, 2922-33	55
885	Reversible electronic energy transfer: a means to govern excited-state properties of supramolecular systems. <b>2010</b> , 39, 506-15	50
884	Facile cyclization of terphenyl to triphenylene: a new chemodosimeter for fluoride ions. <b>2010</b> , 12, 628-31	71
883	Binding of various anions in laterally non-symmetric aza-oxa cryptands through H-bonds: characterization of water clusters of different nuclearity. <b>2010</b> , 12, 2967	16
882	Tailoring cyclic polyamines for inorganic/organic phosphate binding. <b>2010</b> , 39, 3709-28	80
881	Halogen bonding: a general route in anion recognition and coordination. <b>2010</b> , 39, 3772-83	413
880	Metal-salophen-based receptors for anions. <b>2010</b> , 39, 3863-74	120
879	Modification at a boron unit: tuning electronic and optical properties of pi-conjugated acyclic anion receptors. <b>2010</b> , 8, 4308-15	30

878	An allosteric heteroditopic receptor for neutral guests and contact ion pairs with a remarkable selectivity for ammonium fluoride salts. <b>2010</b> , 8, 4607-16		37
877	Self-assembly of indolocarbazole-containing macrocyclic molecules. <b>2010</b> , 8, 3923-7		18
876	Electrochemically assisted anion insertion in Au(I)Cu(I) heterotrimetallic clusters bearing ferrocenyl groups: Application to the fluoride/chloride discrimination in aqueous media. <b>2010</b> , 12, 206-209		13
875	Cryptand-like anion receptors. <b>2010</b> , 39, 3980-4003		240
874	Hosting anions. The energetic perspective. <b>2010</b> , 39, 3916-35		107
873	A highly selective regenerable optical sensor for detection of mercury(II) ion in water using organic/inorganic hybrid nanomaterials containing pyrene. <i>New Journal of Chemistry</i> , <b>2010</b> , 34, 1946	3.6	96
872	Fluoride ion sensing by an anion- $\pi$ interaction. <b>2010</b> , 132, 17674-7		407
871	Azobenzene-based system for fluorimetric sensing of H <sub>2</sub> PO <sub>4</sub> <sup>(-)</sup> (Pi) that works as a molecular keypad lock. <b>2010</b> , 135, 1214-8		34
870	A novel class of Cd(II), Hg(II) turn-on and Cu(II), Zn(II) turn-off Schiff base fluorescent probes. <b>2010</b> , 39, 11344-52		47
869	Spiropyran-based fluorescent anion probe and its application for urinary pyrophosphate detection. <i>Analytical Chemistry</i> , <b>2010</b> , 82, 4628-36	7.8	118
868	Amplification of anion sensing by disulfide functionalized ferrocene and ferrocene-calixarene receptors adsorbed onto gold surfaces. <b>2010</b> , 39, 6532-41		44
867	Single-electron transfer driven cyanide sensing: a new multimodal approach. <b>2010</b> , 12, 2646-9		112
866	Fabrication of anion complexes from 5,6-dihydrodiindolo[3,2-a:2',3'-c]phenazine as a building block. <b>2010</b> , 12, 3177		11
865	Reaction-based sensing of fluoride ions using built-in triggers for intramolecular charge transfer and photoinduced electron transfer. <b>2010</b> , 12, 1400-3		181
864	The effect of different ligand substituents on the chemistry of a zinc-pyrazole anion host. <i>New Journal of Chemistry</i> , <b>2010</b> , 34, 52-60	3.6	7
863	Ru(II) and Os(II) mixed-chelates derived from imidazole-4,5-dicarboxylic acid and 2,2'-bipyridine as colorimetric sensors for anions: synthesis, characterization and binding studies. <b>2010</b> , 39, 4162-9		52
862	Direct olefination of benzaldehydes into hydroxy functionalized oligo (p-phenylenevinylene)s via Pd-catalyzed heterodominant Knoevenagel-decarboxylation-Heck sequence and its application for fluoride sensing pi-conjugated units. <b>2010</b> , 46, 3283-5		31
861	Hydrophilic Copolymer Bearing Dicyanomethylene-4H-pyran Moiety As Fluorescent Film Sensor for Cu <sup>2+</sup> and Pyrophosphate Anion. <b>2010</b> , 43, 739-744		153



860	N,N'-diarylsquaramides: general, high-yielding synthesis and applications in colorimetric anion sensing. <b>2010</b> , 75, 3983-92		101
859	Paraquat guest-induced conformational templation of dicarboxylatocalixarenes. <b>2010</b> , 22, 726-736		6
858	Evaluation of electronics, electrostatics and hydrogen bond cooperativity in the binding of cyanide and fluoride by Lewis acidic ferrocenylboranes. <b>2010</b> , 49, 157-73		85
857	Ion pair receptors. <b>2010</b> , 39, 3784-809		389
856	Novel Perchlorate Selective Electrode Based on Neutral Surfactant Ion-Pair Complex of Dodecyltrimethylammonium-Perchlorate. <b>2010</b> , 43, 2114-2124		6
855	Unusual recognition of (n-Bu <sub>4</sub> N)2SO <sub>4</sub> by a cyanuric acid based host via contact ion-pair interactions. <b>2010</b> , 46, 6741-3		37
854	Sulfate encapsulation in three-fold interpenetrated metal-organic frameworks with bis(pyridylurea) ligands. <b>2010</b> , 12, 2129		28
853	[NO <sub>3</sub> ]{(en)Pt(2,2'-bpz)} <sub>3</sub> ]NO <sub>3</sub> (SO <sub>4</sub> ) <sub>2</sub> : snapshot of nitrate insertion into a cationic Pt <sub>3</sub> metallacycle or simply a packing effect?. <b>2010</b> , 39, 6386-8		7
852	Following the self assembly of supramolecular MOFs using X-ray crystallography and cryospray mass spectrometry. <i>Chemical Science</i> , <b>2010</b> , 1, 62	9-4	40
851	Paramagnetic ruthenium-biimidazole derivatives [(acac) <sub>2</sub> Ru(III)(LHn)] <sub>m</sub> , n/m = 2/+, 1/0, 0/-. Synthesis, structures, solution properties and anion receptor features in solution state. <b>2010</b> , 39, 4232-42		33
850	Highly selective recognition of carbenicillin via concerted interactions in 100% aqueous solution. <b>2010</b> , 46, 2435-7		17
849	Comparative structural and thermodynamic studies of fluoride and cyanide binding by PhBMes <sub>2</sub> and related triarylborane Lewis acids. <i>New Journal of Chemistry</i> , <b>2010</b> , 34, 1652	3.6	37
848	Different spatial orientations of amide derivatives on anion coordination. <b>2010</b> , 12, 1562		9
847	Tetrathiafulvalene diindolylquinoxaline: a dual signaling anion receptor with phosphate selectivity. <b>2010</b> , 46, 7745-7		38
846	A supramolecular spin crossover Fe(III) complex and its Cr(III) isomer: stabilization of water-chloride cluster within supramolecular host. <b>2011</b> , 40, 3166-75		21
845	Bis(diamino-diamido)-tetrathiafulvalene, a redox active sensor for proton, anions, and cations. <b>2011</b> , 40, 7340-7		7
844	A Zn <sup>2+</sup> -specific turn-on fluorescent probe for ratiometric sensing of pyrophosphate in both water and blood serum. <b>2011</b> , 40, 1984-9		49
843	Highly sensitive and selective cyanide detection via Cu <sup>2+</sup> complex ligand exchange. <b>2011</b> , 47, 11963-5		82

842	Pd <sup>2+</sup> ⋯O <sup>3-</sup> SR <sup>-</sup> interaction encourages anion encapsulation of a quadruply-stranded Pd complex to achieve chirality or high solubility. <b>2011</b> , 47, 12346-8		40
841	Syntheses, crystal structures and supramolecular topologies of nickel(II)⋯p/d10/NH <sub>4</sub> <sup>+</sup> complexes derived from a compartmental ligand. <b>2011</b> , 1, 640		32
840	Anion templated assembly of [2]catenanes capable of chloride anion recognition in aqueous solvent media. <b>2011</b> , 1, 995		19
839	A terpyridyl-imidazole (tpy-HImzPh <sub>3</sub> ) based bifunctional receptor for multichannel detection of Fe <sup>2+</sup> and F <sup>-</sup> ions. <b>2011</b> , 40, 11795-808		70
838	Anion induced diversification from heptanuclear to tetranuclear clusters: syntheses, structures and magnetic properties. <b>2011</b> , 40, 11402-9		74
837	A novel reaction-based, chromogenic and turn-on fluorescent chemodosimeter for fluoride detection. <i>New Journal of Chemistry</i> , <b>2011</b> , 35, 994	3.6	34
836	Hydrogen-bonded adducts between neutral molecules and [Mo(β-methallyl)(CO) <sub>2</sub> (HOC(py) <sub>3</sub> ) <sup>+</sup> ]: snapshots of a deprotonation. <b>2011</b> , 13, 60-62		2
835	Dynamic self-assembly of molecular capsules via solvent polarity controlled reversible binding of nitrate anions with C <sub>3</sub> symmetric tripodal receptors. <b>2011</b> , 47, 8563-5		30
834	A 3D-analysis of cluster formation and dynamics of the X(-)-benzene (X = F, Cl, Br, I) ionic dimer solvated by Ar atoms. <b>2011</b> , 13, 8251-8		12
833	A subtle interplay of C⋯H hydrogen bonds in complexation of anions of varied dimensionality by a nitro functionalized tripodal podand. <b>2011</b> , 13, 269-278		17
832	A nanocontainer that releases a fluorescence sensor for cadmium ions in water and its biological applications. <b>2011</b> , 21, 10298		18
831	Ferrocenyl dendrimers: multi-electron redox reagents and their applications. <i>New Journal of Chemistry</i> , <b>2011</b> , 35, 764	3.6	43
830	Anion specificity induced conformational changes in cresol-based tripodal podands controlled by weak interactions: structural and Hirshfeld surface analysis. <b>2011</b> , 13, 1664-1675		12
829	Rational creation of chiral multinuclear and metallosupramolecular compounds from thiol-containing amino acids. <b>2011</b> , 40, 7249-63		64
828	KCN sensor: unique chromogenic and 'turn-on' fluorescent chemodosimeter: rapid response and high selectivity. <b>2011</b> , 47, 2886-8		179
827	Design of a dual sensing highly selective cyanide chemodosimeter based on pyridinium ring chemistry. <i>New Journal of Chemistry</i> , <b>2011</b> , 35, 57-60	3.6	34
826	Design and synthesis of luminescence chemosensors based on alkynyl phosphine gold(I)-copper(I) aggregates. <b>2011</b> , 40, 9703-10		43
825	Anion responsive TTF-appended calix[4]arenes. Synthesis and study of two different conformers. <b>2011</b> , 76, 870-4		35

824	Strict Size Specificity in Colorimetric Anion Detection Based on Poly(phenylacetylene) Receptor Bearing Second Generation Lysine Dendrons. <b>2011</b> , 44, 4249-4257	40
823	Synthesis, structural characterization, and photophysical, electrochemical, intercomponent energy-transfer, and anion-sensing studies of imidazole 4,5-bis(benzimidazole)-bridged Os(II)Os(II) and Ru(II)Os(II) bipyridine complexes. <b>2011</b> , 50, 46-61	56
822	Excellent BODIPY Dye Containing Dimesitylboryl Groups as PeT-Based Fluorescent Probes for Fluoride. <b>2011</b> , 115, 19947-19954	52
821	Iron(III) complexes with 2-aminobenzothiazole: compounds governed by non-covalent interactions. <b>2011</b> , 64, 663-678	8
820	Formation of 1:2 host-guest complexes based on triptycene-derived macrotricyclic and paraquat derivatives: anion-π interactions between PF <sub>6</sub> <sup>(-)</sup> and bipyridinium rings in the solid state. <b>2011</b> , 13, 5688-91	22
819	Anion-π aromatic neutral tweezers complexes: are they stable in polar solvents?. <b>2011</b> , 115, 2016-25	12
818	Ferrocenyl-terminated redox stars: synthesis and electrostatic effects in mixed-valence stabilization. <b>2011</b> , 133, 629-41	127
817	Protonated N-confused porphyrin dimer: formation, structure, and guest binding. <b>2011</b> , 50, 6719-36	23
816	N-Tosylpyrrolidine calix[4]pyrrole: synthesis and ion binding studies. <b>2011</b> , 76, 1005-12	42
815	A highly selective colorimetric and ratiometric two-photon fluorescent probe for fluoride ion detection. <b>2011</b> , 13, 1190-3	285
814	Dipyrrolylmethane-based macrobicyclic azacryptand: synthesis, X-ray structures, conformational and anion binding properties. <b>2011</b> , 76, 10114-21	26
813	Fluorescent imidazolium-based cyclophane for detection of guanosine-5'-triphosphate and I <sup>(-)</sup> in aqueous solution of physiological pH. <b>2011</b> , 13, 5476-9	70
812	Micellar Nanoparticles of Coil-Rod-Coil Triblock Copolymers for Highly Sensitive and Ratiometric Fluorescent Detection of Fluoride Ions. <b>2011</b> , 44, 8207-8214	41
811	Syntheses, structures, and magnetic properties of three one-dimensional end-to-end azide/cyanate-bridged copper(II) compounds exhibiting ferromagnetic interaction: new type of solid state isomerism. <b>2011</b> , 50, 5687-95	48
810	Synthesis and Spectral Properties of a Highly Selective D-EA Based Dye Chemosensor. <b>2011</b> , 538, 327-332	4
809	Reactive Fluorescence Turn-On Probes for Fluoride Ions in Purely Aqueous Media Fabricated from Functionalized Responsive Block Copolymers. <b>2011</b> , 44, 8780-8790	39
808	Lanthanide-mediated supramolecular cages and host-guest interactions. <b>2011</b> , 50, 8588-97	50
807	Diamino-diamido tetrathiafulvalene for the sensing of anions and cations: a view in electrochemistry and structure. <b>2011</b> , 115, 3020-6	7

806	A "naked eye" and ratiometric fluorescent chemosensor for rapid detection of F <sup>-</sup> based on combination of desilylation reaction and excited-state proton transfer. <b>2011</b> , 47, 3957-9	121
805	FRET-based probe for fluoride based on a phosphorescent iridium(III) complex containing triarylboron groups. <b>2011</b> , 21, 7572	93
804	Anion Complexation by Meso-Octamethylcalix[4]pyrrole in Aqueous Solution. <b>2011</b> , 44, 2703-2710	1
803	CN <sup>-</sup> scavenger: a leap towards development of a CN <sup>-</sup> antidote. <b>2011</b> , 47, 9122-4	10
802	Anion binding in the C <sub>3v</sub> -symmetric cavity of a protonated tripodal amine receptor: potentiometric and single crystal X-ray studies. <b>2011</b> , 50, 10693-702	20
801	Enhanced photocurrents via redox modulation by fluoride binding to oxoporphyrinogen in a zinc porphyrin-oxoporphyrinogen surface modified TiO <sub>2</sub> supramolecular solar cell. <b>2011</b> , 47, 6003-5	35
800	Probing the influence of steric bulk on anion binding by triarylboranes: comparative studies of FcB(o-Tol) <sub>2</sub> , FcB(o-Xyl) <sub>2</sub> and FcBMes <sub>2</sub> . <b>2011</b> , 40, 10345-50	21
799	A novel colorimetric and fluorescent chemosensor for acetate ions in aqueous media based on a rhodamine 6G-phenylurea conjugate in the presence of Fe(III) ions. <b>2011</b> , 47, 1622-4	63
798	Two N-Heterocyclic Carbene Silver(I) Cyclophanes: Synthesis, Structural Studies, and Recognition for p-Phenylenediamine. <b>2011</b> , 30, 3732-3739	40
797	Iron: Organometallic Chemistry Based in part on the article Iron: Organometallic Chemistry by James R. Green which appeared in the Encyclopedia of Inorganic Chemistry, First Edition.. <b>2011</b> ,	
796	Displacement method to develop highly sensitive and selective dual chemosensor towards sulfide anion. <b>2011</b> , 136, 684-7	65
795	Ratiometric, colorimetric and fluorescent chemosensor for "turn-on" detection of cyanide (CN <sup>-</sup> ). <b>2011</b> , 136, 1627-31	18
794	A highly selective and sensitive fluorescence sensing system for distinction between diphosphate and nucleoside triphosphates. <b>2011</b> , 76, 417-23	50
793	Metal ion directed self-assembly of sensors for ions, molecules and biomolecules. <b>2011</b> , 40, 12005-16	59
792	Colorimetric iodide recognition and sensing by citrate-stabilized core/shell Cu@Au nanoparticles. <i>Analytical Chemistry</i> , <b>2011</b> , 83, 3911-7	7.8 122
791	A highly selective bifunctional luminescence probe for potassium and fluoride ions. <b>2011</b> , 13, 2172-5	74
790	Ferrocene-appended aryl triazole for electrochemical recognition of phosphate ions. <b>2011</b> , 13, 4386-9	77
789	Colorimetric probes based on anthraimidazolediones for selective sensing of fluoride and cyanide ion via intramolecular charge transfer. <b>2011</b> , 76, 8215-22	279

788	Core/shell Cu@Ag nanoparticle: a versatile platform for colorimetric visualization of inorganic anions. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2011</b> , 3, 4092-100	9.5	39
787	A highly selective fluorescence chemosensor for Pb(II) in neutral buffer aqueous solution. <b>2011</b> , 23, 777-781		3
786	Anion induced capsular self-assemblies. <b>2011</b> , 47, 8477-92		69
785	Highly sensitive fluorescence "turn-on" indicator for fluoride anion with remarkable selectivity in organic and aqueous media. <b>2011</b> , 76, 3820-8		184
784	Aspects of Anion Coordination from Historical Perspectives. <b>2011</b> , 1-73		1
783	Synthetic Amphiphilic Peptides that Self-Assemble to Membrane-Active Anion Transporters. <b>2011</b> , 465-519		
782	Anion Interactions in Molecular Recognition. <b>2011</b> , 321-361		1
781	Tetrahedral oxanions-assisted supramolecular assemblies of pyridine-based tectons into hydrogen-bonding networks. <i>Journal of Molecular Structure</i> , <b>2015</b> , 1079, 266-273	3-4	6
780	Novel fluorescent polymeric nanoparticles for highly selective recognition of copper ion and sulfide anion in water. <b>2015</b> , 206, 230-238		50
779	Developing new Schiff base molecules for selective colorimetric sensing of Fe <sup>3+</sup> and Cu <sup>2+</sup> metal ions: Substituent dependent selectivity and colour change. <b>2015</b> , 206, 524-530		39
778	Anion recognition and sensing by transition-metal complexes with polarized N H recognition motifs. <b>2015</b> , 284, 111-123		90
777	Single-Crystal-to-Single-Crystal Anion Exchange in a Gadolinium MOF: Incorporation of POMs and [AuCl <sub>4</sub> ] <sup>-</sup> <b>2016</b> , 8,		5
776	23- and 27-Membered Macrocyclic Diorganotin(IV) Bis-dithiocarbamates: Synthesis, Spectroscopic Characterization, DFT Calculations, and Physicochemical Analysis as Anion Receptors. <b>2016</b> , 2016, 3429-3440		15
775	Differential Recognition of Anions with Selectivity towards F <sup>-</sup> by a Calix[6]arene-Thiourea Conjugate Investigated by Spectroscopy, Microscopy, and Computational Modeling by DFT. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 8903-14	4.8	20
774	Anion-Selective Redox Electrodes: Electrochemically Mediated Separation with Heterogeneous Organometallic Interfaces. <b>2016</b> , 26, 3394-3404		71
773	Dendron-Enhanced Emission from 1,4-Bis[2,2-bis(4-alkoxyphenyl)vinyl]benzene Derivatives. <b>2016</b> , 5, 786-791		1
772	Anion-Exchange Properties of Trifluoroacetate and Triflate Salts of N-Alkylammonium Resorcinarenes. <i>Chemistry - an Asian Journal</i> , <b>2016</b> , 11, 782-8	4.5	5
771	A near-Infrared Fluorescent Chemodosimeter for Ratiometric Detecting Fluoride Based on Desilylation Reaction. <b>2016</b> , 26, 1737-42		7

770	A N-(2-hydroxyethyl)piperazine dangled 2,5-diphenyl-1,3,4-oxadiazole-based fluorescent sensor for selective relay recognition of Cu and sulfide in water. <b>2016</b> , 31, 1456-1460		19
769	Brief Timelapse on Dendrimer Chemistry: Advances, Limitations, and Expectations. <b>2016</b> , 217, 149-174		37
768	Cooperative binding and extraction of sodium nitrite by a ditopic receptor incorporated into a polymeric resin. <b>2016</b> , 45, 11639-43		17
767	Phenylene-Bridged Core-Modified Planar Aromatic Octaphyrin: Aromaticity, Photophysical and Anion Receptor Properties. <i>Chemistry - an Asian Journal</i> , <b>2016</b> , 11, 1447-53	4.5	10
766	Anion-Directed Copper(II) Metallocages, Coordination Chain, and Complex Double Salt: Structures, Magnetic Properties, EPR Spectra, and Density Functional Study. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 7238-47	4.8	12
765	Helical CuI/CuII Metallocavitands with Sulfur-Containing Schiff Base Ligands Exhibiting Ferromagnetic or Antiferromagnetic Interactions. <b>2016</b> , 2016, 2692-2695		5
764	Preferred Binding of Carboxylates by Chiral Urea Derivatives Containing $\beta$ -Phenylethyl Group. <b>2016</b> , 99, 416-424		2
763	Synthesis and anion binding properties of porphyrins and related compounds. <b>2016</b> , 20, 950-965		16
762	Ether-Imine Based Multiresponsive Voltammetric Dipodal Receptor for Nanomolar Detection of Copper Ions. <b>2016</b> , 163, B751-B760		1
761	Syntheses, Structures, and Complexation Studies of Tris(organostannyl)methane Derivatives. <b>2016</b> , 5, 554-565		9
760	Aniline-containing guests recognized by $\beta$ -cyclodextrin-tetramethyl-cucurbit[6]uril host. <b>2016</b> , 6, 39057		12
759	Message in a molecule. <b>2016</b> , 7, 11374		85
758	A recyclable probe for highly selective and sensitive detection of cyanide anion in aqueous medium by fluorescent and colorimetric changes. <b>2016</b> , 232, 115-124		32
757	Molecular Details of Acetate Binding to a New Diamine Receptor by NMR and FT-IR Analyses. <b>2016</b> , 120, 2330-41		5
756	Triazolium-promoted highly selective fluorescence turn-on detection of fluoride ions. <b>2016</b> , 132, 248-254		7
755	An indanedione-based chemodosimeter for selective naked-eye and fluorogenic detection of cyanide. <b>2016</b> , 233, 510-519		38
754	A turn-on fluorescent chemosensor selectively detects cyanide in pure water and food sample. <b>2016</b> , 57, 2767-2771		25
753	Cationic M2L4 cages for perchlorate removal from aqueous solutions and preferential perchlorate incorporation in hydrophilic solutions. <b>2016</b> , 18, 5004-5011		5

752	A dinuclear-copper(II) complex-based sensor for pyrophosphate and its applications to detecting pyrophosphatase activity and monitoring polymerase chain reaction. <b>2016</b> , 233, 591-598		22
751	Co-ordination behaviour of a novel tris thiourea tripodal ligand; structural variations in a series of transition metal complexes. <b>2016</b> , 45, 10280-8		3
750	Fabrication of a miniaturized capillary waveguide integrated fiber-optic sensor for fluoride determination. <b>2016</b> , 141, 3041-9		8
749	Anion-templated 2D frameworks from hexahydroxytriphenylene. <b>2016</b> , 18, 4281-4284		3
748	Phase controlled colour tuning of samarium and europium complexes and excellent photostability of their PVA encapsulated materials. Structural elucidation, photophysical parameters and the energy transfer mechanism in the Eu(3+) complex by Sparkle/PM3 calculations. <b>2016</b> , 45, 8956-71		31
747	Chlorodiphenyltin(IV) dithiocarbamate complexes as chemodosimeters and host for anions and neutral compounds in solution. <i>Polyhedron</i> , <b>2016</b> , 111, 132-142	2.7	7
746	Ferrocenyl chalcogeno (sugar) triazole conjugates: Synthesis, characterization and anticancer properties. <b>2016</b> , 813, 125-130		15
745	Optical chemosensors for water sample analysis. <i>Journal of Materials Chemistry C</i> , <b>2016</b> , 4, 5154-5194	7.1	62
744	New turn-on fluorescent and colorimetric probe for cyanide detection based on BODIPY-salicylaldehyde and its application in cell imaging. <b>2016</b> , 314, 277-285		60
743	A turn-on fluorescent probe for the detection of Cu <sup>2+</sup> in living cells based on a signaling mechanism of NN isomerization. <i>New Journal of Chemistry</i> , <b>2016</b> , 40, 6264-6269	3.6	16
742	Chromogenic and fluorogenic Schiff base chemosensor for nano scale level fluoride detection with logical interpretation. <b>2016</b> , 478, 103-109		35
741	On metallocene-containing macromolecules and their applications. <b>2016</b> , 813, 95-102		16
740	Theoretical study of interactions between 2,2-Bis (ethylferrocenyl) propane and ammonium perchlorate at low temperature. <b>2016</b> , 652, 79-85		
739	A novel benzothiazole-based enaminone as a fluorescent probe for highly selective and sensitive detection of CN <sup>-</sup> <b>2016</b> , 6, 48351-48356		10
738	Malononitrile derivative chromogenic devices for the detection of cyanide in water. <b>2016</b> , 223, 811-818		8
737	Electroanalytical Opportunities Derived from Ion Transfer at Interfaces between Immiscible Electrolyte Solutions. <b>2016</b> , 69, 1016		6
736	Synthesis, characterization, and evaluation of (E)-methyl 2-((2-oxonaphthalen-1(2H)-ylidene)methylamino)acetate as a biological agent and an anion sensor. <b>2016</b> , 24, 5592-5601		5
735	Highly specific sensing of tryptophan by a luminescent europium(III) complex. <b>2016</b> , 71, 1025-1028		3

734	A study of anion binding behaviour of 1,3-alternate thiacalix[4]arene-based receptors bearing urea moieties. <i>New Journal of Chemistry</i> , <b>2016</b> , 40, 9245-9251	3.6	8
733	Chelated charge assisted halogen bonding enhanced halide recognition by a pyridinium-iodotriazolium axle containing [2]rotaxane. <b>2016</b> , 14, 10193-10200		6
732	Selective Molecularly Mediated Pseudocapacitive Separation of Ionic Species in Solution. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 32743-32753	9.5	32
731	Reprint of: On metallocene-containing macromolecules and their applications. <b>2016</b> , 821, 54-61		1
730	A selective fluorescent and colorimetric probe for cyanide based on dual-site controlled intramolecular charge transfer photoinduced electron transfer fluorescence resonance energy transfer. <b>2016</b> , 57, 4969-4973		11
729	Multi-Ferrocene-Containing Silanols as Redox-Active Anion Receptors. <b>2016</b> , 35, 3507-3519		8
728	Self-Templating and In Situ Assembly of a Cubic Cluster-of-Clusters Architecture Based on a {Mo <sub>24</sub> Fe <sub>12</sub> } Inorganic Macrocycle. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 12895-12899	3.6	1
727	Insights into the electrooptical anion sensing properties of a new organic receptor: solvent dependent chromogenic response and DFT studies. <b>2016</b> , 6, 74649-74653		7
726	Supramolecular nanoreactors for catalysis. <b>2016</b> , 324, 106-122		91
725	Aluminum alkoxide, amide and halide complexes supported by a bulky dipyrromethene ligand: synthesis, characterization, and preliminary $\beta$ -caprolactone polymerization activity. <b>2016</b> , 45, 13787-97		12
724	Complete Transmetalation in a Metal-Organic Framework by Metal Ion Metathesis in a Single Crystal for Selective Sensing of Phosphate Ions in Aqueous Media. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 11528-32	16.4	106
723	Complete Transmetalation in a Metal-Organic Framework by Metal Ion Metathesis in a Single Crystal for Selective Sensing of Phosphate Ions in Aqueous Media. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 11700-11704	3.6	21
722	Interaction of an Iridium(III)Bibenzimidazole Complex with Anions Implications for Luminescent Sensing. <b>2016</b> , 2016, 40-48		9
721	Computational Discovery of Hydrogen Bond Design Rules for Electrochemical Ion Separation. <b>2016</b> , 28, 6207-6218		16
720	A 1,8-naphthalimide-based chemosensor for dual-mode sensing: colorimetric and fluorometric detection of multiple analytes. <b>2016</b> , 6, 84098-84105		25
719	Catching anions with coloured assemblies: binding of pH indicators by a giant-size polyammonium macrocycle for anion naked-eye recognition. <b>2016</b> , 14, 8309-21		13
718	Self-Templating and In Situ Assembly of a Cubic Cluster-of-Clusters Architecture Based on a {Mo <sub>24</sub> Fe <sub>12</sub> } Inorganic Macrocycle. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 12703-7	16.4	30
717	A Phenanthraquinone Based Fluorescent Probe for Sequential Detection of Cu and SO. <b>2016</b> , 26, 2113-2118		8



716	Stimuli-responsive metal-directed self-assembly of a ring-in-ring complex. <b>2016</b> , 45, 11611-5		10
715	Switching between porphyrin, porphodimethene and porphyrinogen using cyanide and fluoride ions mimicking volatile molecular memory and the 'NOR' logic gate. <b>2016</b> , 45, 16404-16412		16
714	Rim, Side Arms, and Cavity: Three Sites for the Recognition of Anions by Tetraazolum Resorcinarene Cavitands. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 15800-15806	4.8	6
713	Modulation of Fluorescence Emissions of Copper(II) 2,2'-biquinoline-4,4'-dicarboxylates. <b>2016</b> , 1, 3038-3044		10
712	Discrepancy in anion coordination directed by isomeric pyridine-urea receptors: Solid state recognition of hydrated anions. <i>Polyhedron</i> , <b>2016</b> , 119, 307-316	2.7	12
711	A Coumarin-Based Colorimetric and Fluorescent Chemosensor for the Naked-Eye Detection of Fluoride ion in 100 % Natural Water Medium Using Coated Chromatography Plates. <b>2016</b> , 1, 4397-4402		6
710	Nanofiber Formation by the Self-assembly of an Ampholyte Poly(amino acid). <b>2016</b> , 45, 220-222		1
709	Establishing the anion recognition correlation of the 2-(2-methoxyphenyl)-1H-imidazo [4, 5-f][1,10] phenanthroline and its Ru(bipy) 2 2+ complex via fluorimetry. <b>2016</b> , 179, 372-377		8
708	A Highly Robust Terbium Coordination Polymer as a Multiresponsive Luminescent Sensor for Detecting Pollutant Anions. <b>2016</b> , 2016, 3994-3998		10
707	Effects of Anionic Geometries on Hydrogen-Bonding Networks of 1-(4-pyridyl) Piperazine. <b>2016</b> , 46, 309-323		2
706	Imine-Linked Electrochemical Sensor for Selective Detection of HSO <sub>4</sub> <sup>-</sup> Ions in Aqueous Media.. <b>2016</b> , 1, 5967-5973		4
705	Dual Guest [(Chloride) <sub>3</sub> -DMSO] Encapsulated Cation-Sealed Neutral Trimeric Capsular Assembly: Meta-Substituent Directed Halide and Oxyanion Binding Discrepancy of Isomeric Neutral Disubstituted Bis-Urea Receptors. <b>2016</b> , 16, 7163-7174		22
704	The maiden report of a fluorescent-colorimetric sensor for expeditious detection of bifluoride ion in aqueous media. <b>2016</b> , 6, 108717-108725		5
703	Naked-eye colorimetric/fluorimetric detection of F <sup>-</sup> ions by biologically active 3-((1H-indol-3-yl)methyl)-4-hydroxy-2H-chromen-2-one derivatives. <b>2016</b> , 6, 108105-108112		13
702	The Fundamentals of Making Mechanical Bonds. <b>2016</b> , 55-268		4
701	Design, Synthesis, and Structural Characterization of a Bisantimony(III) Compound for Anion Binding and the Density Functional Theory Evaluation of Halide Binding through Antimony Secondary Bonding Interactions. <b>2016</b> , 120, 9257-9269		13
700	Selective Sensing of Phosphates by a New Bis-heteroleptic Ru Complex through Halogen Bonding: A Superior Sensor over Its Hydrogen-Bonding Analogue. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 18051-18059	4.8	43
699	Cyclometalated Platinum(II) Complexes of 1,3-Bis(1-n-butylpyrazol-3-yl)benzenes: Synthesis, Characterization, Electrochemical, Photophysical, and Gelation Behavior Studies. <b>2016</b> , 55, 11920-11929		16

- 698 Toward Molecular Magnets of Organic Origin via Anion- $\pi$ Interaction Involving m-Aminyl Diradical: A Theoretical Study. **2016**, 120, 9117-9130 9
- 697 Encumbrance in desilylation triggered fluorogenic detection of the fluoride ion - a kinetic approach. **2016**, 18, 32247-32255 4
- 696 N-Alkyl Ammonium Resorcinarene Salts as High-Affinity Tetravalent Chloride Receptors. *Chemistry - A European Journal*, **2016**, 22, 1355-61 4.8 8
- 695 A 1,3-Capped Calix[4] Conjugate Possessing an Amine Moiety as an Anion Receptor: Reversible Anion Sensing Detected by Spectroscopy and Characterization of the Supramolecular Features by Microscopy. *Chemistry - A European Journal*, **2016**, 22, 8980-9 4.8 12
- 694 A new D $\pi$ A type intramolecular charge transfer Dyad System to detect F<sup>-</sup>Anion induced CO<sub>2</sub> sensing. **2016**, 236, 520-528 8
- 693 Novel 1,10-phenanthroline - di-2-picolyamine scaffold as a selective chemosensor for copper and cyanide ions. **2016**, 70, 125-128 5
- 692 Amphiphilic push-pull iminocoumarin for colorimetric selective fluoride anion sensing. **2016**, 3, 1883-1889 1
- 691 Analytical methods for determination and sensing of fluoride in biotic and abiotic sources: a review. **2016**, 8, 5338-5352 67
- 690 Calix[4]arene Based Dual Fluorescent Sensor for Al(3+) and S<sub>2</sub>O<sub>7</sub><sup>2-</sup>. **2016**, 26, 1591-9 5
- 689 Potentiometric sensing of aqueous phosphate by competition assays using ion-exchanger doped-polymeric membrane electrodes as transducers. **2016**, 141, 4573-7 5
- 688 Solvent and anion facilitated conformational changes in benzylamine substituted thiazolamine. *New Journal of Chemistry*, **2016**, 40, 6899-6906 3.6 2
- 687 Fluorescence and visual detection of fluoride ions using a photoluminescent graphene oxide paper sensor. **2016**, 8, 13669-77 62
- 686 Synthesis and structural characterization of anion complexes with azacalix[2]dipyrrolylmethane: effect of anion charge on the conformation of the macrocycle. **2016**, 45, 11781-90 5
- 685 Selective recognition of MnO<sub>4</sub><sup>-</sup> ion in aqueous solution based on fluorescence enhancement by surfactant capped naphthalene nanoparticles: Application to ultratrace determination of KMnO<sub>4</sub> in treated drinking water. **2016**, 329, 255-261 12
- 684 Potential anion sensing properties by a redox and substitution series of [Ru(bpy)<sub>3</sub>]<sup>2+</sup>(Hdpa)<sub>n</sub><sup>2+</sup>, n = 1 $\beta$ ; Hdpa = 2,2'-dipyridylamine: selective recognition and stoichiometric binding with cyanide and fluoride ions. **2016**, 6, 62310-62319 14
- 683 Why HS<sup>-</sup> and CN<sup>-</sup> can be detected by different chemosensors with similar structures: a quantum mechanics and molecular dynamics study. **2016**, 6, 63548-63558 2
- 682 Sensing anions on surfaces: tethering triazolium based anion receptors to polymer resins. **2016**, 6, 33880-33887 7
- 681 Applying low-molecular weight supramolecular gelators in an environmental setting - self-assembled gels as smart materials for pollutant removal. **2016**, 45, 4226-51 496

680	Synthesis and structures of O-anthrylmethyl-substituted hexahomotrioxacalix[3]arenes. <i>Journal of Molecular Structure</i> , <b>2016</b> , 1120, 274-280	3.4	1
679	Evaluation of calix[4]arene tethered Schiff bases for anion recognition. <b>2016</b> , 179, 114-121		5
678	Anion Binding-Induced White Light Emission using a Water-Tolerant Fluorescent Molecular Tweezer. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 3224-3229	4.8	19
677	Ruthenium(II) Complexes of Aryl Triazole Foldamers as Receptors for Anions. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 5233-42	4.8	16
676	Differential sensing of fluoride and cyanide ions by using Dicyano substituted benzimidazole probe. <b>2016</b> , 173, 165-170		16
675	Highly selective fluorescent sensing for fluoride based on a covalently bonded europium mesoporous hybrid material. <b>2016</b> , 227, 660-667		19
674	A fluorescent coumarin-thiophene hybrid as a ratiometric chemosensor for anions: Synthesis, photophysics, anion sensing and orbital interactions. <i>Journal of Molecular Structure</i> , <b>2016</b> , 1108, 269-277 <sup>3-4</sup>		21
673	Phenothiazine-cyanine-functionalized upconversion nanoparticles for LRET and colorimetric sensing of cyanide ions in water samples. <b>2016</b> , 319-320, 53-61		17
672	Acetate selective fluorescent turn-on sensors derived using vitamin B6 cofactor pyridoxal-5-phosphate. <b>2016</b> , 157, 110-115		11
671	A pillar[5]arene-based cyanide sensor bearing on a novel cyanide-induced self-assemble mechanism. <b>2016</b> , 127, 59-66		35
670	An NHC silver(I) macrometallocycle: synthesis, structure and selective recognition of iodide anions. <b>2016</b> , 6, 12256-12262		4
669	Highly sensitive colorimetric and fluorometric anion sensors based on mono and di-calix[4]pyrrole substituted diketopyrrolopyrroles. <b>2016</b> , 225, 428-435		19
668	Synthesis of two distinct pyrrole moiety-containing arenes from nitroanilines using Paal-Knorr followed by an indium-mediated reaction. <b>2016</b> , 14, 265-76		16
667	A multichannel thiacalix[4]arene-based fluorescent chemosensor for Zn <sup>2+</sup> , F <sup>-</sup> ions and imaging of living cells. <b>2016</b> , 28, 418-426		1
666	Phenolate based metallomacrocyclic xanthate complexes of Co(II)/Cu(II) and their exclusive deployment in [2 : 2] binuclear N,O-Schiff base macrocycle formation and in vitro anticancer studies. <b>2016</b> , 45, 1443-54		21
665	Benzoindolium-triarylborane conjugates: a ratiometric fluorescent chemodosimeter for the detection of cyanide ions in aqueous medium. <b>2016</b> , 45, 5014-20		29
664	Colorimetric detection of fluoride ions by anthraimidazoledione based sensors in the presence of Cu(ii) ions. <b>2016</b> , 45, 1166-75		41
663	p-tert-Butylthiacalix[4]arenes equipped with guanidinium fragments: aggregation, cytotoxicity, and DNA binding abilities. <b>2016</b> , 6, 32722-32726		4

- 662 Aryl-triazole foldamers with ethynyl spacers as effective receptors for halides and oxyanions. **2016**, 57, 1691-1694 7
- 661 Anion Guided Conformational Adjustments by Protonation Leading to Conformation Reversal. **2016**, 1, 440-443 4
- 660 Fluoride-induced modulation of ionic transport in asymmetric nanopores functionalized with "caged" fluorescein moieties. **2016**, 8, 8583-90 14
- 659 Time-resolved fluorescence sensing of N-acetyl amino acids, nucleobases, nucleotides and DNA by the luminescent Tb (III) - 8-alkyl-2-oxo-2H-chromene-3-carbaldehyde probe. **2016**, 176, 181-192 1
- 658 Aryl-triazole foldamers incorporating a pyridinium motif for halide anion binding in aqueous media. **2016**, 52, 4505-8 21
- 657 Optimization of hexadecylpyridinium-modified montmorillonite for removal of perchlorate based on adsorption mechanisms. **2016**, 123, 29-36 17
- 656 [C-H...anion] interactions mediate the templation and anion binding properties of topologically non-trivial metal-organic structures in aqueous solutions. *Chemical Science*, **2016**, 7, 2524-2531 9-4 45
- 655 Recent advances in 1,10-phenanthroline ligands for chemosensing of cations and anions. **2016**, 6, 23169-2321761
- 654 A modest colorimetric chemosensor for investigation of CN<sup>-</sup> in semi-aqueous environment with high selectivity and sensitivity. **2016**, 229, 483-491 39
- 653 Colorimetric chemosensor for multiple targets, Cu<sup>2+</sup>, CN<sup>-</sup> and S<sup>2-</sup> **2016**, 6, 16586-16597 44
- 652 Simultaneous bioimaging recognition of cation Al<sup>3+</sup> and anion F<sup>-</sup> by a fluorogenic method. **2016**, 129, 43-53 29
- 651 Substituent directed selectivity in anion recognition by a new class of simple osmium-pyrazole derived receptors. **2016**, 45, 2605-17 3
- 650 Synthesis, electrochemical and spectroscopic properties of ruthenium(II) complexes containing 2,6-di(1H-imidazo[4,5-f][1,10]phenanthrolin-2-yl)aryl ligands. *New Journal of Chemistry*, **2016**, 40, 1704-1714 3,6 9
- 649 In vivo detection of fluoride at trace levels and its removal from raw water at neutral pH utilizing a cyanobacterium pigment as a luminescent probe. **2016**, 6, 4410-4421 3
- 648 A reaction-based fluorescent sensor for detection of cyanide in aqueous media. **2016**, 173, 25-29 30
- 647 Recognition of halides and Y-shaped oxyanions by carbonylchromium-based urea-like molecules: A theoretical analysis of hydrogen bonding modes. **2016**, 64, 1-10 3
- 646 Characterization and use of (E)-2-[(6-methoxybenzo[d]thiazol-2-ylimino)methyl]phenol as an anion sensor and a DNA-binding agent. **2016**, 57, 537-542 15
- 645 [28]Hexaphyrin derivatives for anion recognition in organic and aqueous media. **2016**, 52, 2181-4 12

644	Determination of enantiomeric excess of carboxylates by fluorescent macrocyclic sensors. <i>Chemical Science</i> , <b>2016</b> , 7, 2016-2022	9.4	56
643	A sandwich-type zinc complex from a rhodamine dye based ligand: a potential fluorescent chemosensor for acetate in human blood plasma and a molecular logic gate with INHIBIT function. <i>New Journal of Chemistry</i> , <b>2016</b> , 40, 1269-1277	3.6	16
642	A new multifunctional rhodamine-derived probe for colorimetric sensing of Cu(II) and Al(III) and fluorometric sensing of Fe(III) in aqueous media. <b>2016</b> , 223, 101-113		169
641	Tri-color emission and colorimetric recognition of acetate using semicarbazide and thio-semicarbazide derivatives: Experimental and computational studies. <b>2016</b> , 155, 75-80		1
640	Sensitive and fluorescent Schiff base chemosensor for pico molar level fluoride detection: In vitro study and mimic of logic gate function. <b>2016</b> , 224, 899-906		74
639	The complexation of anions by chloro- and cyanoacetanilides; IR, <sup>1</sup> H-NMR and computation study. <b>2016</b> , 28, 249-255		
638	Highly selective optical chemosensor for cyanide in aqueous medium. <b>2016</b> , 224, 81-87		16
637	Simple and efficient coumarin-based colorimetric and fluorescent chemosensor for F <sup>-</sup> detection: An ON1OFFON2 fluorescent assay. <b>2016</b> , 222, 823-828		45
636	Conjugated polymers applicable to colorimetric and fluorescent anion detection. <b>2016</b> , 48, 59-65		22
635	Fluorinated porphyrinoids as efficient platforms for new photonic materials, sensors, and therapeutics. <b>2016</b> , 14, 389-408		74
634	Organic chemodosimeter for cyanide: A nucleophilic approach. <b>2016</b> , 222, 374-390		70
633	AIE active pyridinium fused tetraphenylethene: Rapid and selective fluorescent turn-on sensor for fluoride ion in aqueous media. <b>2016</b> , 222, 315-319		31
632	Calix[4]arene based dipodal receptor nano hybrids for selective determination of chloride ions in aqueous media. <b>2016</b> , 146, 122-9		13
631	Experimental and theoretical study of urea and thiourea based new colorimetric chemosensor for fluoride and acetate ions. <b>2016</b> , 152, 101-8		28
630	An efficient strategy to assemble water soluble histidine-erythrosin diimide and graphene oxide for the detection of PPI in physiological conditions and in vitro. <b>2017</b> , 89, 636-644		25
629	Development of Ion Chemosensors Based on Porphyrin Analogues. <b>2017</b> , 117, 2203-2256		387
628	Synthesis and application of a new class of D <sub>A</sub> type charge transfer probe containing imidazole naphthalene units for detection of F <sup>-</sup> and CO <sub>2</sub> . <b>2017</b> , 7, 4941-4949		11
627	Fluoride complexation by bidentate silicon Lewis acids. <b>2017</b> , 46, 1898-1913		24

626	Fabrication of free-standing fluorescent mesoporous silica films for detection of nitrobenzene. <b>2017</b> , 46, 397-403		9
625	Anion Recognition Based on a Combination of Double-Dentate Hydrogen Bond and Double-Side Anion-Noncovalent Interactions. <b>2017</b> , 121, 892-900		17
624	A chiral polymer as chromo-fluorescence and CD response sensor for specific recognition of fluoride. <b>2017</b> , 87, 380-388		4
623	Planar-Chiral 1,1'-Diboryl Metallocenes: Diastereoselective Synthesis from Boryl Cyclopentadienides and Spin Density Analysis of a Diborylcobaltocene. <b>2017</b> , 56, 1966-1973		11
622	Cu recognition by N,N'-benzylated bis(amino amides). <b>2017</b> , 46, 2660-2669		4
621	Colorimetric sensing of cyanide and fluoride ions by diaminomalenonitrile based Schiff bases. <b>2017</b> , 245, 428-434		35
620	Efficient and selective separation of aqueous sulfate through recognition and precipitation. <i>New Journal of Chemistry</i> , <b>2017</b> , 41, 2249-2254	3.6	2
619	Urea Metal-Organic Frameworks for Nitro-Substituted Compounds Sensing. <b>2017</b> , 56, 1446-1454		75
618	A turn-off fluorescence sensor for cyanide detection which in turn inhibit 2-way ESIPT investigated by experimental and theoretical study. <b>2017</b> , 76, 81-86		15
617	Ruthenium(II) complexes of thiosemicarbazones: Synthesis, X-ray crystal structures, spectroscopy, electrochemistry, DFT studies and fluoride sensing properties. <b>2017</b> , 459, 1-14		15
616	Selective naked eye and Turn-on Fluorescence chemodosimeter for CN <sup>-</sup> by activated Michael acceptor possessing different polar substituents: Reduced ICT-based signal transduction. <b>2017</b> , 245, 74-80		11
615	Highly selective colorimetric detection of cyanide anions in aqueous media by triphenylamine and phenanthro(9,10-d)imidazole based probes. <b>2017</b> , 16, 255-261		18
614	Absorption competition quenching mechanism of porous covalent organic polymer as luminescent sensor for selective sensing Fe <sup>3+</sup> . <b>2017</b> , 2, 1041-1047		36
613	New urea-modified paper substrate for enhanced analytical performance of negative ion mode paper spray mass spectrometry. <b>2017</b> , 166, 306-314		25
612	Electrochemical Deposition of a Luminescent Alkoxysilyl-Based Fluorenone Film Exhibiting Halide Sensitivity. <b>2017</b> , 6, R7-R13		1
611	H-bond stabilization of a tautomeric coumarin-pyrazole-pyridine triad generates a PET driven, reversible and reusable fluorescent chemosensor for anion detection. <b>2017</b> , 141, 493-500		19
610	Synthesis of Novel Thiazole Based Carbaldehyde as Potential Sensor for Fluoride Anion and their Spectroscopic Properties. <b>2017</b> , 27, 1117-1128		5
609	Multi-signaling thiocarbohydrazide based colorimetric sensors for the selective recognition of heavy metal ions in an aqueous medium. <b>2017</b> , 180, 175-182		19

608	Anion-regulated electronic communication in a cyclometalated diruthenium complex with a urea bridge. <b>2017</b> , 19, 8902-8907		8
607	Ferrocenyl-isoxazole derivative: a novel electrochemical, colorimetric and fluorescent multiple signal probe for highly selective recognition of Cu <sup>2+</sup> ions. <b>2017</b> , 33, 31-35		6
606	Metallomacromolecules containing cobalt sandwich complexes: Synthesis and functional materials properties. <b>2017</b> , 337, 34-79		39
605	An optical material for the detection of trace SO in milk based on a copper complex. <b>2017</b> , 30, 441-447		2
604	A Highly Selective Fluorescent Chemosensor for the Detection of Picrate Anion Based on 1,8-Naphthalimide Derivatives. <b>2017</b> , 84, 25-30		11
603	Synthesis of imidazoaryl-BODIPY derivatives for anion sensing applications. <b>2017</b> , 343, 66-71		11
602	Site-selective anion recognition of an interlocked dimer. <b>2017</b> , 15, 4328-4335		9
601	Furan and Julolidine-Based "Turn-on" Fluorescence Chemosensor for Detection of F in a Near-Perfect Aqueous Solution. <b>2017</b> , 27, 1457-1466		11
600	Intelligent Molecular Searcher from Logic Computing Network Based on Eu(III) Functionalized UMOFs for Environmental Monitoring. <b>2017</b> , 27, 1700247		81
599	Von zweifelligen Gallium-Lewis-Säuren zu supramolekularen Komplexen. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 6203-6207	3.6	11
598	From Bidentate Gallium Lewis Acids to Supramolecular Complexes. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 6107-6111	16.4	17
597	Conducting polymers revisited: applications in energy, electrochromism and molecular recognition. <b>2017</b> , 21, 2489-2515		52
596	A smart ratiometric red fluorescent chemodosimeter for fluoride based on anthraquinone nosylate. <i>New Journal of Chemistry</i> , <b>2017</b> , 41, 5098-5104	3.6	11
595	Functionalized Ruthenium Complexes: Selective "Turn-on" Detection of Biologically Relevant Anionic Species. <i>European Journal of Organic Chemistry</i> , <b>2017</b> , 2017, 3620-3630	3.2	2
594	Triamide macrocyclic chloride receptors via a one-pot tandem reduction-condensation-cyclization reaction. <b>2017</b> , 15, 4937-4940		11
593	Rationally designed tri-armed imidazole- <i>h</i> doles hybrids as naked eye receptors for fluoride ion sensing. <b>2017</b> , 47, 1307-1318		5
592	Solvent dependant isatin-based Schiff base sensor as fluorescent switch for detection of Cu <sup>2+</sup> and S <sup>2-</sup> in human blood serum. <b>2017</b> , 465, 14-25		19
591	Influence of terminal substituents on the halide anion binding of foldamer-based receptors. <b>2017</b> , 28, 1659-1662		9

590	Adaptive self-assembly and induced-fit transformations of anion-binding metal-organic macrocycles. <b>2017</b> , 8, 15898		78
589	Temporal Control over Transient Chemical Systems using Structurally Diverse Chemical Fuels. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 11549-11559	4.8	24
588	3D fluorescent cucurbit[7]uril framework linked by anion fluorophore. <b>2017</b> , 88, 247-252		5
587	H <sub>2</sub> mbpdc-functionalized Cd II 6 cage captures protonated water clusters: Chloride-templated assembly and applications in recognition and separation. <b>2017</b> , 81, 15-17		2
586	Organotin-based receptors for anions and ion pairs. <b>2017</b> , 53, 8122-8135		29
585	Molecular structure, supramolecular association and anion sensing by chlorodiorganotin(IV) methylferrocenyldithiocarbamates. <i>Journal of Molecular Structure</i> , <b>2017</b> , 1145, 197-203	3-4	4
584	An iridium complex-based phosphorescent probe for recognition to bisulfite and cyanide in neutral aqueous system. <b>2017</b> , 252, 142-151		6
583	Selective Recognition of Acidic Amino Acids in Water by Calixpyridinium. <b>2017</b> , 6, 1385-1389		14
582	Carbohydrates in Fluoride Sensing: Use of Cyclodextrin and CNC-Based Chemical Probes. <b>2017</b> , 2, 4499-4504		1
581	A highly selective colorimetric and Off-On fluorescence sensor for CN <sup>-</sup> based on Zn(salphenazine) complex. <b>2017</b> , 60, 754-760		10
580	Rapid selective colorimetric sensing of polyphosphates by ionic resorcinarene cavitand interdigitated gold nanoparticles. <b>2017</b> , 247, 706-712		8
579	Synthesis of Fluorinated Nitrogen-Containing Compounds Through Superelectrophilic Activation in Superacid HF/SbF <sub>5</sub> **This work is dedicated to Pr Jean-Claude Jacquesy with great consideration.. <b>2017</b> , 349-388		1
578	Coumarin-based urea-amide scaffold in ratiometric fluorescence sensing of CN <sup>-</sup> <b>2017</b> , 58, 2038-2043		13
577	Thiophene and diethylaminophenol-based Turn-on fluorescence chemosensor for detection of Al <sup>3+</sup> and F <sup>-</sup> in a near-perfect aqueous solution. <b>2017</b> , 73, 2690-2697		41
576	Air- and Light-Stable P and As within an Anion-Coordination-Based Tetrahedral Cage. <b>2017</b> , 139, 5946-5951		60
575	Luminescence sensing of weakly-hydrated anions in aqueous solution by self-assembled europium(III) complexes. <b>2017</b> , 53, 3967-3970		11
574	Optical Sensing of Anions via Supramolecular Recognition with Biimidazole Complexes. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 18101-18119	4.8	28
573	Effects of Orthohalogen Substituents on Nitrate Binding in Urea-Based Silver(I) Coordination Polymers. <b>2017</b> , 17, 255-261		11



572	Highly fluorescent silver oxide/C-dots nanocomposite as selective and sensitive probe for highly efficient detection of Fe(III) ions. <b>2017</b> , 243, 1148-1156		11
571	EPR interpretation, magnetism and biological study of a Cu(II) dinuclear complex assisted by a schiff base precursor. <b>2017</b> , 22, 481-495		13
570	Probing Inclusion Complex Formation of Amantadine Hydrochloride with 18-Crown-6 in Methanol by Physicochemical Approach. <b>2017</b> , 231, 1111-1126		3
569	A new unsymmetrical azine derivative based on coumarin group as dual-modal sensor for CN and fluorescent "OFF-ON" for Zn. <b>2017</b> , 175, 125-133		60
568	A silica-based SERS chip for rapid and ultrasensitive detection of fluoride ions triggered by a cyclic boronate ester cleavage reaction. <b>2017</b> , 9, 1599-1606		28
567	Homogeneous and Heterogeneous Anion Sensing by a Molecular Cobalt-Vanadium Oxide. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 2201-2205	4.8	5
566	Sensing Ability of Hybrid Cyclic Nanopeptides Based on Thiourea Cryptands for Different Ions, A Joint DFT-D3/MD Study. <b>2017</b> , 121, 244-255		8
565	A Bis(Boronic Ester)-Based Fluorogenic and Chromogenic Sensor for F <sup>-</sup> and Cu <sup>2+</sup> . <b>2017</b> , 2, 9037-9045		5
564	Highly selective recognition of Al and I ions using a bi-functional fluorescent probe. <b>2017</b> , 15, 8627-8633		13
563	A ruthenium(III) complex derived from N,N'-bis(salicylidene)ethylenediamine as a chemosensor for the selective recognition of acetate and its interaction with cells for bio-imaging: experimental and theoretical studies. <i>New Journal of Chemistry</i> , <b>2017</b> , 41, 10815-10827	3.6	19
562	Highly electron deficient tetrabenzoquinone-appended Ni(II) and Cu(II) porphyrins: spectral, solvatochromatic, electrochemical redox and tuneable F <sup>-</sup> and CN <sup>-</sup> sensing properties. <i>New Journal of Chemistry</i> , <b>2017</b> , 41, 11962-11968	3.6	2
561	A colorimetric chemosensor for Cu(II) ion in aqueous medium. <b>2017</b> , 84, 178-181		20
560	An aryl-triazole foldamer containing a 1,8-naphthalimide fluorescent motif for monitoring and enhancing the anion-induced folding. <b>2017</b> , 15, 7747-7752		7
559	Inverse coordination [An emerging new chemical concept. II. Halogens as coordination centers. <b>2017</b> , 348, 71-91		11
558	Sodium thiocyanate binding by a 3-aminobenzoic acid based ion pair receptor consisting of a thiourea binding domain. <b>2017</b> , 84, 251-254		3
557	Developing an Inositol-Phosphate-Actuated Nanochannel System by Mimicking Biological Calcium Ion Channels. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 32554-32564	9.5	17
556	Hydrogen-Bonding Amidoindoles in the Presence of Anions: An X-ray Structure of a Receptor at the Acid-Base Half-Equivalence that Binds an Anion. <i>European Journal of Organic Chemistry</i> , <b>2017</b> , 2017, 5627-5631	3.2	2
555	High-Performance Colorimetric Detection of Thiosulfate by Using Silver Nanoparticles for Smartphone-Based Analysis. <b>2017</b> , 2, 1152-1159		37

554	Electrosorption at functional interfaces: from molecular-level interactions to electrochemical cell design. <b>2017</b> , 19, 23570-23584		58
553	A combined electro- and photo-chemical approach to repeatedly fabricate two-dimensional molecular assemblies. <b>2017</b> , 246, 823-829		
552	Flexible imidazolium macrocycles: building blocks for anion-induced self-assembly. <b>2017</b> , 53, 9684-9696		34
551	Dihydrogenphosphate recognition: Assistance from the acidic OH moiety of the anion. <i>Journal of Molecular Structure</i> , <b>2017</b> , 1148, 81-88	3.4	1
550	A zwitterionic pH responsive ESIPT-Based fluorescence Turn-On Al <sup>3+</sup> ion sensing probe and its bioimaging applications. <b>2017</b> , 253, 1012-1025		18
549	A Simple Optoelectronic Tongue Discriminates Amino Acids. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 12471-12474	4.8	14
548	Exploring Selectivity of 22 Acyclic Urea-, Carbazole- and Indolocarbazole-Based Receptors towards 11 Monocarboxylates. <i>European Journal of Organic Chemistry</i> , <b>2017</b> , 2017, 5231-5237	3.2	12
547	N-tert-Butyl Sulfinyl Squaramide Receptors for Anion Recognition through Assisted tert-Butyl C-H Hydrogen Bonding. <b>2017</b> , 82, 8662-8667		15
546	Silver nanoclusters capped silica nanoparticles as a ratiometric photoluminescence nanosensor for the selective detection of I and S. <b>2017</b> , 988, 74-80		24
545	Recent progress in hydrogen sulphide (H <sub>2</sub> S) sensors by metal displacement approach. <b>2017</b> , 347, 141-157		71
544	Influence of anions and solvent molecules on the packing and emission spectra of coordination polymers based on silver ions and an anthracene derivative. <b>2017</b> , 19, 5106-5113		9
543	A facile synthesis of amide-based receptors under microwave conditions: investigation of their anion recognition properties by experimental and computational tools. <b>2017</b> , 23, 249		
542	Synthesis of new triazole based imidazo[1,2-a]pyrazine-benzimidazole conjugates: H-bonding assisted FRET efficient ratiometric detection of pyrophosphate. <b>2017</b> , 348, 102-109		2
541	Insight into the deprotonation at the half-equivalence point of (thio)amido-benzimidazoles in the presence of anions. <b>2017</b> , 15, 7263-7266		2
540	Voltammetric Anion Sensors based on Redox-active Ferrocene-bearing Macrocyclic Amides. <b>2017</b> , 643, 1112-1117		2
539	DFT and conceptual-DFT assessment on selective tertiary amine functionalized calix[4]arene-anion interaction. <b>2017</b> , 1117, 292-298		1
538	The nature of intermolecular interactions in pyridinium-anion- $\pi$ -hexachlorocyclohexane molecular crystals. <b>2017</b> , 19, 20691-20698		8
537	N-acetylglyoxylic amide bearing a nitrophenyl group as anion receptors: NMR and X-ray investigations on anion binding and selectivity. <i>Journal of Molecular Structure</i> , <b>2017</b> , 1146, 571-576	3.4	1

536	Bi- and tridentate silicon-based acceptor molecules. <b>2017</b> , 72, 383-391		5
535	Two new chemosensors for fluoride ion based on perylene tetra-(alkoxycarbonyl) derivatives. <b>2017</b> , 241, 735-743		17
534	A study of hierarchy of hydrogen and halogen bonds in the molecular complexes of 4-iodophenol with various aza-donor compounds. <i>Journal of Molecular Structure</i> , <b>2017</b> , 1130, 251-263	3-4	1
533	Evaluation of interfacial sulfate complexation by a bis-thiourea ionophore at water-organic interfaces using microelectrochemistry and high resolution mass spectrometry. <b>2017</b> , 131, 36-42		
532	Dihydrogen phosphate-water tape and layers vs dihydrogen phosphate layers tuned by hydrophobic isomeric pyridine-diamine functionalized molecules. <i>Journal of Molecular Structure</i> , <b>2017</b> , 1127, 361-371	3-4	3
531	Structurally simple azo based chromogenic R1 for the selective sensing of cyanide ion in aqueous medium. <b>2017</b> , 171, 162-167		7
530	A click-generated triazole tethered oxazolone-pyrimidinone dyad: A highly selective colorimetric and ratiometric FRET based fluorescent probe for sensing azide ions. <b>2017</b> , 239, 1076-1086		20
529	Why is Ferrocene so Exceptional?. <b>2017</b> , 2017, 6-29		289
528	Rhodamine based turn-on molecular switch FRET sensor for cadmium and sulfide ions and live cell imaging study. <b>2017</b> , 238, 565-577		44
527	Self-assembly, turn-on fluorescent detection of fluoride ion using uracil based azo derivatives and their application in imaging of living cells. <b>2017</b> , 242, 423-433		16
526	Anionic optical devices based on 4-(nitrostyryl)phenols for the selective detection of fluoride in acetonitrile and cyanide in water. <b>2017</b> , 240, 1036-1048		24
525	Redox-electrodes for selective electrochemical separations. <b>2017</b> , 244, 6-20		93
524	Rhodamine-Based Fluorescent Turn-On Probe for Facile Sensing and Imaging of ATP in Mitochondria. <b>2017</b> , 2, 7654-7658		39
523	Ferrocene Macrocyclic Schiff Base Complex: Synthesis, Structure and Recognition Properties for Dual Hg <sup>2+</sup> and Cu <sup>2+</sup> . <b>2017</b> , 87, 2986-2988		2
522	Recent Advances in Macrocyclic Fluorescent Probes for Ion Sensing. <b>2017</b> , 22,		39
521	Chemical sensors based on hybrid nanomaterials for food analysis. <b>2017</b> , 205-244		9
520	p-Butylthiacalix[4]arenes functionalized by p-(4'-nitrophenyl)acetamide and p-diethylacetamide fragments: synthesis and binding of anionic guests. <b>2017</b> , 13, 1940-1949		6
519	Overview of Anion Receptor Chemistry. <b>2017</b> , 495-520		1

518	Macrobicyclic Cryptands With Laterally Nonsymmetric Donors. <b>2017</b> , 117-179		2
517	Knots. <b>2017</b> , 269-277		1
516	Ferrocene-Containing Acylhydrazone Receptors: Synthesis, Structures and Electrochemical Anion Recognition Characteristics. <b>2017</b> , 41, 491-496		
515	Sensitive determination of hardness and fluoride in ground water by a hybrid nanosensor based on aggregation induced FRET on and off mechanism. <b>2018</b> , 262, 522-530		11
514	Electron-deficient tripodal amide based receptor: An exclusive turn-on fluorescent and colorimetric chemo sensor for cyanide ion. <b>2018</b> , 198, 309-314		18
513	Anion encapsulation and complexation by cucurbit[n]urils and their derivatives. <b>2018</b> , 90, 173-187		11
512	Titration without the Additions: The Efficient Determination of p K Values Using NMR Imaging Techniques. <i>Analytical Chemistry</i> , <b>2018</b> , 90, 4160-4166	7.8	11
511	Instilling exploitable INHIBIT logic gate response for F <sup>-</sup> /H <sup>+</sup> in End-off <sup>1</sup> anthracene-diamine hybrid by simple functional group manipulation: Experimental study aided by DFT calculations. <b>2018</b> , 696, 106-111		4
510	Anion-assisted self-assembly of chlorodiorganotin(IV) dithiocarbamate derived from naphthylimide. <i>Polyhedron</i> , <b>2018</b> , 146, 55-64	2.7	5
509	Ligand Control of Supramolecular Chloride Photorelease. <b>2018</b> , 57, 5624-5631		7
508	Facile synthesis of functionalized urea, imidazolium salt, azide, and triazole from a 2-amino-5,7-dimethyl-1,8-naphthyridine scaffold and their utilization in fluoride ion sensing. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 10059-10066	3.6	7
507	A concise treatment of pterins: some recent synthetic and methodology aspects and their applications in molecular sensors. <b>2018</b> , 29, 15-41		3
506	A ternary Fe(II)-terpyridyl complex-based single platform for reversible multiple-ion recognition. <b>2018</b> , 47, 6386-6393		4
505	Employing a hydrazine linked asymmetric double naphthalene hybrid for efficient naked eye detection of F <sup>-</sup> : Crystal structure with real application for F <sup>-</sup> . <b>2018</b> , 198, 107-114		10
504	Versatile bimetallic lanthanide metal-organic frameworks for tunable emission and efficient fluorescence sensing. <b>2018</b> , 1,		109
503	Consistent Binding Aptitude of Halides and Oxyanions via Cooperative vs. Non-Cooperative Binding Modes by Neutral Naphthyl Bis-Urea Receptors. <b>2018</b> , 3, 3548-3554		5
502	A fluorescent colorimetric azo dye based chemosensor for detection of S <sup>2-</sup> in perfect aqueous solution and its application in real sample analysis and building a molecular logic gate. <b>2018</b> , 10, 2317-2326		18
501	Squaric acid-directed transformation of metal-organic macrocycles. <b>2018</b> , 92, 69-73		0

500	An Optical Chemodosimeter Coumarin Nosylate for Probing Fluoride Ion: Synthesis, Crystal Structures, Photophysical and Theoretical Studies. <b>2018</b> , 3, 3444-3450		1
499	A pyrene-benzimidazole composed effective fluoride sensor: potential mimicking of a Boolean logic gate. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 9200-9208	3.6	17
498	Efficient liquid-liquid extraction of NaCl governed by simultaneous cation and anion coordination. <b>2018</b> , 432, 40-45		2
497	Anthracene-based fluorescence turn-on chemodosimeter for the recognition of persulfate anion. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 3917-3923	3.6	10
496	Chromogenic and fluorogenic chemosensors for lethal cyanide ion. A comprehensive review of the year 2016. <b>2018</b> , 259, 1022-1057		81
495	Studies on a multifunctional chromo-fluorogenic sensor for dual channel recognition of Zn <sup>2+</sup> and CN <sup>-</sup> ions in aqueous media: mimicking multiple molecular logic gates and memory devices. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 2158-2166	3.6	26
494	Calix[4]arene containing thiourea and coumarin functionality as highly selective fluorescent and colorimetric chemosensor for fluoride ion. <b>2018</b> , 200, 307-312		18
493	Experimental and theoretical study of donor-acceptor compounds based on malononitrile. <b>2018</b> , 12, 26		7
492	Superelectrophilic activation in superacid HF/SbF <sub>5</sub> : Expanding molecular diversity in nitrogen-containing compounds series by fluorination. <b>2018</b> , 214, 68-79		3
491	Selective detections of Hg <sup>2+</sup> and F <sup>-</sup> by using tailor-made fluorogenic probes. <b>2018</b> , 269, 368-376		14
490	A novel water soluble pillar[5]arene and phenazine derivative self-assembled pseudorotaxane sensor for the selective detection of Hg <sup>2+</sup> and Ag <sup>+</sup> with high selectivity and sensitivity. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 10148-10152	3.6	9
489	Green synthesis of fluorescent N,O-chelating hydrazone Schiff base for multi-analyte sensing in Cu <sup>2+</sup> , F <sup>-</sup> and CN <sup>-</sup> ions. <b>2018</b> , 358, 215-225		29
488	Zeolite-like Metal-Organic Framework (MOF) Encaged Pt(II)-Porphyrin for Anion-Selective Sensing. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 11399-11405	9.5	56
487	Oligomers and macrocycles with [m]pyridine[n]pyrrole (m + n) domains: Formation and applications of anion, guest molecule and metal ion complexes. <b>2018</b> , 363, 29-56		11
486	Cu <sup>2+</sup> -driven metallo-supramolecular self-assembly and its application in sensing of hydroxyl ion. <b>2018</b> , 30, 52-60		
485	Colorimetric anion sensors based on positional effect of nitro group for recognition of biologically relevant anions in organic and aqueous medium, insight real-life application and DFT studies. <b>2018</b> , 188, 596-610		13
484	Reaction-based BODIPY probes for selective bio-imaging. <b>2018</b> , 354, 121-134		196
483	Anion recognition with porphyrin-bottomed tetraurea receptors. <b>2018</b> , 29, 1372-1374		9

- 482 A novel receptor for detection of Zn<sup>2+</sup> metal ion and F<sup>-</sup>/H<sub>2</sub>PO<sub>4</sub><sup>-</sup> and AcO<sup>-</sup> anions in aqueous media: a DFT study. **2018**, 72, 719-729 8
- 481 A dual-responsive colorimetric and fluorescent chemosensor based on diketopyrrolopyrrole derivative for naked-eye detection of Fe and its practical application. **2018**, 189, 594-600 40
- 480 Metal-Organic Frameworks (MOFs) as Functional Supramolecular Architectures for Anion Recognition and Sensing. **2018**, 18, 154-164 26
- 479 Triphenylamine based reactive coloro/fluorimetric chemosensors: Structural isomerism and solvent dependent sensitivity and selectivity. **2018**, 189, 342-348 16
- 478 Anion-coordination-directed self-assemblies. **2018**, 5, 662-690 42
- 477 Platinum(II)-directed Self-assembly Loop Complexes for Anion Recognition and Sensing. **2018**, 65, 141-148 1
- 476 Halide salts and their structural properties in presence of secondary amine based molecule: A combined experimental and theoretical analysis. *Journal of Molecular Structure*, **2018**, 1157, 444-449 3.4 7
- 475 Reaction-based ratiometric fluorescent probe for selective recognition of sulfide anions with a large Stokes shift through switching on ESIPT. *New Journal of Chemistry*, **2018**, 42, 76-84 3.6 13
- 474 A red fluorescence probe based on naphthalene diimide for selective detection of sulfide by displacement strategy. **2018**, 257, 882-888 15
- 473 A Cr(VI) selective probe based on a quinoline-amide calix[4]arene. **2018**, 189, 44-50 14
- 472 Carboxymethyl-substituted benzo[3]uril and its application in ion-pair recognition. **2018**, 254, 1182-1190 7
- 471 Neutral host-guest capsular associations by a homologous halophenyl-substituted organic tris-urea receptor series: solid and solution state studies. *New Journal of Chemistry*, **2018**, 42, 19164-19177 3.6 6
- 470 Cationic polymer-based plasmonic sensor array that discriminates proteins. **2018**, 143, 5578-5582 11
- 469 Dicarboxamide polymorph derivatives for trace-level electrochemical sensing of Cu(II) supported with crystal structure and theoretical studies. **2018**, 10, 5643-5648
- 468 A highly emissive fluorescent Zn-MOF: molecular decoding strategies for solvents and trace detection of dunnite in water. **2018**, 6, 21274-21279 31
- 467 Visible colorimetric fluoride and hydroxide sensing by asymmetric tris-urea receptors: combined experimental and theoretical studies.. **2018**, 8, 39394-39407 9
- 466 Charge-transfer chemistry of chalcogen-nitrogen heterocycles. **2018**, 28, 453-460 17
- 465 Synthesis and Characterization of Selective Chemosensor for Copper and Nickel ions. **2018**, 5, 16782-16789 1

464	Five-, Four- and Three-Dentate Europium Chelates for Anion Sensing and Their Applicability to Enzymatic Dephosphorylation Reactions. <b>2018</b> , 3, 12430-12439		3
463	Photochromism and Colorimetric Ion Sensing of a Spiropyran Derivative Spiropyran-Rhodamine Dyad. <b>2018</b> , 39, 1336-1339		
462	A new rhodamine fluorescent OFF-ON-OFF probe for selective sensing of Fe <sup>3+</sup> and AcO <sup>-</sup> in aqueous media and living cells. <b>2018</b> , 238, 04002		
461	Fluorescent imidazole-based chemosensors for the reversible detection of cyanide and mercury ions. <b>2018</b> , 17, 1450-1461		20
460	"Chemistry-on-the-complex": functional Ru polypyridyl-type sensitizers as divergent building blocks. <b>2018</b> , 47, 7577-7627		56
459	New binuclear dithiocarbamate complexes [M <sub>2</sub> -μ <sub>2</sub> -bis-((S,S-S <sub>2</sub> CN(R)CH <sub>2</sub> CONHC <sub>6</sub> H <sub>4</sub> ) <sub>2</sub> CH <sub>2</sub> )] (M=NiII, CuII, and ZnII): synthesis, characterization, DFT, and in vitro cytotoxic study. <b>2018</b> , 71, 3689-3707		3
458	Self-Assembly and C-H...Anion Hydrogen Bonding of Palladium(II)-based Metallacalixarenes Using Pyridyl- or Phenyl-Bridged Di-Naphthoimidazoles. <i>Chemistry - an Asian Journal</i> , <b>2018</b> , 13, 3173-3179	4-5	3
457	Design and application of a fluorogenic receptor for selective sensing of cations, small neutral molecules, and anions. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 18278-18287	3.6	5
456	Development of a Synthetic Receptor for the Food Toxin Beauvericin: A Tale of Carbazole and Steroids. <b>2018</b> , 20, 6368-6371		2
455	Fluorescence Dyes for Determination of Cyanide. <b>2018</b> ,		1
454	A novel and synthetically facile coumarin-thiophene-derived Schiff base for selective fluorescent detection of cyanide anions in aqueous solution: Synthesis, anion interactions, theoretical study and DNA-binding properties. <b>2018</b> , 74, 6897-6906		27
453	Switching from Negative-Cooperativity to No-Cooperativity in the Binding of Ion-Pair Dimers by a Bis(calix[4]pyrrole) Macrocycle. <b>2018</b> , 83, 13507-13514		19
452	A "Turn-On" fluorescent probe for sensitive and selective detection of fluoride ions based on aggregation-induced emission.. <b>2018</b> , 8, 32497-32505		28
451	Polymerization led selective detection and removal of Zn and Cd ions: isolation of Zn- and Cd-MOFs and reversibility studies. <b>2018</b> , 47, 14686-14695		15
450	A non-multimacrocyclic heteroditopic receptor that cooperatively binds and effectively extracts KAcO salt. <b>2018</b> , 54, 7018-7021		10
449	Crystal structure, thermal, luminescent and terahertz time domain spectroscopy of magnesium N-phthaloyl-β-alaninate: A combined experimental and theoretical study. <i>Journal of Molecular Structure</i> , <b>2018</b> , 1170, 1-8	3-4	4
448	Kinetic Study on the Self-Assembly of Au(I)-Thiolate Lamellar Sheets: Preassembled Precursor vs Molecular Precursor. <b>2018</b> , 122, 5089-5097		5
447	Fluorescence turn-on detection of fluoride using HPQ-silyl ether reactive probes and its in vivo application. <b>2018</b> , 158, 277-284		18

446	Cyclic (H <sub>2</sub> O) <sub>6</sub> confined hexameric host-guest assemblies and aerial CO <sub>2</sub> fixation by electron-rich neutral urea/thiourea scaffolds. <b>2018</b> , 20, 3741-3754		8
445	Supramolecular Properties of a Monocarboxylic Acid-Functionalized "Texas-Sized" Molecular Box. <b>2018</b> , 140, 6823-6831		9
444	AB corroles: Fluorescence signaling systems for sensing fluoride ions. <b>2018</b> , 202, 207-213		6
443	Electrovalent chitosan functionalized methyl-orange/metal nanocomposites as chemosensors for toxic aqueous anions. <b>2018</b> , 16, 174-179		9
442	Anion Recognition by Organometallic Calixarenes: Analysis from Relativistic DFT Calculations. <b>2018</b> , 37, 2167-2176		20
441	Calix[5]phyrin for Fluoride Ion Sensing with Visible and Near Infrared Optical Responses. <i>Chemistry - an Asian Journal</i> , <b>2018</b> , 13, 2019	4.5	8
440	Electrochemical properties of outer-sphere associates of bipyridyl and sepulchrate metal complexes with (thia)calix[4]arenes. <b>2018</b> , 15, 2251-2258		
439	Acylhydrazone as a novel Off-On-Off fluorescence probe for the sequential detection of Al <sup>3+</sup> and F <sup>-</sup> . <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 14978-14985	3.6	19
438	Selective cation and anion guest binding in host selenazamacrocycles. <b>2018</b> , 47, 12066-12070		2
437	Review on Recent Advances in Metal Ions Sensing Using Different Fluorescent Probes. <b>2018</b> , 28, 999-1021		84
436	Full elucidation of the transmembrane anion transport mechanism of squaramides using in silico investigations. <b>2018</b> , 20, 20796-20811		14
435	Steric influence of adamantane substitution in tris-urea receptor: encapsulation of sulphate and fluoride-water cluster. <b>2018</b> , 130, 1		2
434	A Hexahomotrioxacalix[3]arene-Based Ditopic Receptor for Alkylammonium Ions Controlled by Ag <sup>+</sup> Ions. <b>2018</b> , 23,		2
433	The Chaotropic Effect as an Assembly Motif in Chemistry. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 13968-13981	16.4	136
432	Der chaotrope Effekt als Aufbaumotiv in der Chemie. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 14164-14177	3.6	26
431	Electrochemical Diagnosis of Chemical Switch: Impact of Structural Changes on Charge Transport Mechanism of Redox Anion Bound Polysilsesquioxane-Film. <b>2018</b> , 5, 2808-2815		2
430	London Dispersion Forces in Crystal Packing of Thiourea Derivatives. <b>2018</b> , 18, 5385-5397		13
429	Synthesis, Characterization and Crystal Structure of Coordination Polymers Developed as Anion Receptor. <b>2018</b> , 273, 134-139		1



428	A reaction-based approach for fluorescence sensing of fluoride through cyclization of an O-acyl pyrene amidoxime derivative. <b>2018</b> , 276, 296-303		11
427	Novel 1,4-naphthoquinone N-arylothioureas: Syntheses, crystal structure, anion recognition properties, DFT studies and determination of acid dissociation constants. <b>2018</b> , 269, 920-932		15
426	Hunting for Organic Molecules with Artificial Intelligence: Molecules Optimized for Desired Excitation Energies. <b>2018</b> , 4, 1126-1133		64
425	Exploration of ruthenium complex of (E)-2-((pyridine-2-yl)methyleneamino) benzoic acid as chemosensor for simultaneous recognition of acetate and HSO <sub>4</sub> <sup>-</sup> ions in cell bio-imaging: Experimental and theoretical studies. <b>2018</b> , 270, 570-581		18
424	Donor-Acceptor Complexes between 1,2,5-Chalcogenadiazoles (Te, Se, S) and the Pseudohalides CN and XCN (X=O, S, Se, Te). <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 12983-12991	4.8	31
423	Self-assembly of water soluble perylene tetracarboxylic acid with metal cations: Selective fluorescence sensing of Cu <sup>2+</sup> and Pb <sup>2+</sup> ions in paper strips, zebrafish and yeast. <b>2018</b> , 203, 42-49		8
422	Novel Isophthalohydrazide-cDB24C8 cryptand derivative for the selective recognition of fluoride ion: An experimental and DFT study. <b>2018</b> , 204, 225-231		3
421	Some properties of a new D-FA dye based on hydroxyl-methoxybenzene donor and isophorone acceptor moiety: Effects of anion, ethylamine and temperature. <b>2018</b> , 159, 158-165		7
420	Gabriel Synthesis of Hexakis(aminomethyl)benzene and Its Derivatization. <b>2018</b> , 3, 6112-6115		3
419	Molecular Engineering of Free-Base Porphyrins as Ligands-The N-H...X Binding Motif in Tetrapyrroles. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 418-441	16.4	58
418	Molekulares Engineering freier Porphyrinbasen als Liganden - Das N-H...X-Bindungsmotiv in Tetrapyrrolen. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 424-448	3.6	10
417	Radical Anions, Radical-Anion Salts, and Anionic Complexes of 2,1,3-Benzochalcogenadiazoles. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 806-816	4.8	16
416	Dynamic optical activity induction in the N-alkyl-N'-trityl ureas and thioureas. <b>2019</b> , 17, 7782-7793		4
415	Small triiminopyrrolic molecular cage with high affinity and selectivity for fluoride. <b>2019</b> , 55, 10876-10879		13
414	Improving Cytotoxicity by Changing a Linker from Diphenylether to Diphenylmethane and now to Phenylene in Binuclear Dithiocarbamate Complexes: Synthesis and Cytotoxicity Study. <b>2019</b> , 4, 8689-8699		1
413	Host-Guest Sensing by Nanopores and Nanochannels. <b>2019</b> , 1-27		0
412	Metal-organic frameworks for recognition and sequestration of toxic anionic pollutants. <b>2019</b> , 95-140		6
411	Knock-on synthesis of tritopic calix[4]pyrrole host for enhanced anion interactions. <b>2019</b> , 48, 15583-15596		10

410	Distinctive Trend of Metal Binding Affinity via Hydration Shell Breakage in Nanoconfined Cavity. <b>2019</b> , 123, 14825-14833		10
409	Glass-phase coordination polymer displaying proton conductivity and guest-accessible porosity. <b>2019</b> , 55, 8528-8531		14
408	Sugar-derived oxazolone pseudotetrapeptide as a turn inducer and anion-selective transporter. <b>2019</b> , 15, 2419-2427		0
407	Self-assembly of Cu(I) metallomacrocyclic and coordination polymers with 2,2':5',4'-terpyridine directed by anions and solvents. <b>2019</b> , 497, 119088		3
406	Analytical and computational investigation on host-guest interaction of cyclohexyl based thiosemicarbazones: Construction of molecular logic gates using multi-ion detection. <b>2019</b> , 105, 110127		6
405	Anion Influence on the Packing of 1,3-Bis(4-Ethynyl-3-Iodopyridinium)-Benzene Halogen Bond Receptors. <b>2019</b> , 9,		3
404	A near-infrared large Stokes shift probe based enhanced ICT strategy for F <sup>-</sup> detection in real samples and cell imaging. <b>2019</b> , 75, 130762		4
403	An Amphiphilic Pyridinoyl-hydrazone Probe for Colorimetric and Fluorescence pH Sensing. <b>2019</b> , 24,		19
402	Molecular Recognition of Strong Acids by Using a 2-Ureido-4-Ferrocenyl Pyrimidine Receptor. <b>2019</b> , 2019, 4095-4104		1
401	Schiff base derived from salicylaldehyde-based azo dye as chromogenic anionic sensor and specific turn-on emission sensor for cyanide ion. <b>2019</b> , 56, 2993-2999		4
400	[2]Pseudorotaxane-Based Supramolecular Optical Indicator for the Visual Detection of Cellular Cyanide Excretion. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 14447-14453	4.8	11
399	Fluorescent chemodosimeters for fluoride ions via silicon-fluorine chemistry: 20 years of progress. <i>Journal of Materials Chemistry C</i> , <b>2019</b> , 7, 11731-11746	7.1	28
398	Switching of and Mechanisms in Host-Guest Binding Associated with Chemical Reactions. <b>2019</b> , 141, 15597-15604		10
397	A new thin film modified glassy carbon electrode based on melaminium chloride pentachlorocuprate(II) for selective determination of nitrate in water. <b>2019</b> , 150, 1737-1744		3
396	Anion- and H-Bonding Interactions Supporting Encapsulation of [Ln(NO)] (Ln = Nd, Er) with a Triazine-Based Ligand. <b>2019</b> , 141, 15102-15110		10
395	Superb-selective chemodosimetric signaling of sulfide in the absence and in the presence of CT-DNA and imaging in living cells by a plant alkaloid berberine analogue. <i>New Journal of Chemistry</i> , <b>2019</b> , 43, 2368-2380	3.6	4
394	Expanding reversible chalcogenide binding: supramolecular receptors for the hydroselenide (HSe) anion. <i>Chemical Science</i> , <b>2019</b> , 10, 67-72	9.4	13
393	Turn-off/on fluorescent sensors for Cu <sup>2+</sup> and ATP in aqueous solution based on a tetraphenylethylene derivative. <i>Journal of Materials Chemistry C</i> , <b>2019</b> , 7, 2640-2645	7.1	19

392	Visual detection of fluoride ion based on ICT mechanism. <b>2019</b> , 213, 354-360		25
391	Dual-Action Polymeric Probe: Turn-On Sensing and Removal of Hg <sup>2+</sup> ; Chemosensor for HSO <sub>4</sub> <sup>-</sup> <b>2019</b> , 1, 461-471		30
390	A Journey towards Salivary Fluoride Level Detection by Suitable Low Cost Chemosensor: From Molecule to Product. <b>2019</b> , 19, 2119-2129		7
389	Electrochemical sensing of sulfate in aqueous solution with a cyclopeptide-dipyrromethene-Cu(II) or Co(II) complex attached to a gold electrode. <b>2019</b> , 285, 536-545		10
388	Green One-Pot Synthesis of Silver Nanoparticles/Metal-Organic Gels Hybrid and Its Promising SERS Application. <b>2019</b> , 7, 5292-5299		14
387	A fluorescein-based AND-logic FPSi probe for the simultaneous detection of Hg and F. <b>2019</b> , 202, 323-328		6
386	Synthesis and Anion Recognition Features of a Molecular Cage Containing Both Hydrogen Bond Donors and Acceptors. <b>2019</b> , 21, 4336-4339		23
385	Squaramide-Naphthalimide Conjugates as "Turn-On" Fluorescent Sensors for Bromide Through an Aggregation-Disaggregation Approach. <b>2019</b> , 7, 354		10
384	Multiply aryl-substituted dipyrrolyldiketone boron complexes exhibiting anion-responsive emissive properties. <b>2019</b> , 55, 8242-8245		8
383	Traditional hydrogen bonding donors controlled colorimetric selective anion sensing in tripodal receptors: First-naked-eye detection of cyanide by a tripodal receptor via fluoride displacement assay. <b>2019</b> , 223, 117238		12
382	Hydrogen bonding elements, π hole functional moieties and Cv tripodal scaffold controlled turn-on cyanide and turn-off azide selective receptors. <b>2019</b> , 223, 117285		7
381	Supramolecular chemistry of helical foldamers at the solid-liquid interface: self-assembled monolayers and anion recognition. <b>2019</b> , 55, 8426-8429		9
380	One-pot synthesis and structural elucidation of polyfunctionalized quinoxalines and their use as chromogenic chemosensors for ionic species. <i>Journal of Molecular Structure</i> , <b>2019</b> , 1195, 936-943	3.4	3
379	Synthesis, Structural Characterization, Photophysical Properties, and Antibacterial Assessment of Silver(I)-Thione Coordination Polymers Based on a Competition between Nitrate Anion and Coanions CF <sub>3</sub> SO <sub>3</sub> <sup>-</sup> , ClO <sub>4</sub> <sup>-</sup> , BF <sub>4</sub> <sup>-</sup> , PF <sub>6</sub> <sup>-</sup> and SbF <sub>6</sub> <sup>-</sup> <b>2019</b> , 19, 4934-4948		10
378	Synthesis of a novel N,N',N'-tetraacetyl-4,6-dimethoxyindole-based dual chemosensor for the recognition of Fe <sup>3+</sup> and Cu <sup>2+</sup> ions. <b>2019</b> , 495, 118947		6
377	Ligand-Directed Template Assembly for the Construction of Gigantic Molybdenum Blue Wheels. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 10983-10988	3.6	5
376	Ligand-Directed Template Assembly for the Construction of Gigantic Molybdenum Blue Wheels. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 10867-10872	16.4	23
375	pH-Selective Fluorescent Enhancement with Glyphosate in Aqueous Media. <b>2019</b> , 4, 5228-5234		5

374	Dual-mode recognition of biogenic amine tryptamine and fluoride ions by a naphthyl hydrazone platform: application in fluorescence imaging of HeLa cells and zebrafish embryos. <i>New Journal of Chemistry</i> , <b>2019</b> , 43, 9021-9031	3.6	11
373	A dipodal thiourea-ionic liquid conjugate system for selective ratiometric detection of HSO <sub>4</sub> <sup>-</sup> in purely aqueous medium: Application to real sample analysis. <b>2019</b> , 60, 1457-1462		6
372	Macrocycles as Ion Pair Receptors. <b>2019</b> , 119, 9753-9835		118
371	Neutral, Zwitterion, Ionic Forms of 5-Aminoisophthalic Acid in Cocrystals, Salts and Their Optical Properties. <b>2019</b> , 4, 5427-5436		3
370	Stepwise Synthesis of $\pi$ -imidazolium Macrocycles and Their $\pi$ -Heterocyclic Carbene Metal Complexes. <b>2019</b> , 7, 270		3
369	Substituent effect on colorimetric detection of biologically and environmentally relevant anions: Insight in real-life applications. <b>2019</b> , 219, 517-529		8
368	A sulfonyl hydrazone cholesterol conjugate: gelation, anion interaction and its application in dye adsorption. <i>New Journal of Chemistry</i> , <b>2019</b> , 43, 10270-10277	3.6	9
367	Novel Terpyridine-bridged Parallel Dication Metallo-bisviologens and Their Supramolecular Complexes. <b>2019</b> , 35, 229-234		
366	Sensitive colorimetric detection of CN <sup>-</sup> and AcO <sup>-</sup> anions in a semi-aqueous environment through a coumarin $\pi$ naphthalene conjugate azo dye. <i>New Journal of Chemistry</i> , <b>2019</b> , 43, 5126-5132	3.6	17
365	Roles of Water Molecules and Counterion on HS Sensing Reaction Utilizing a Pyrylium Derivative: A Computational Study. <b>2019</b> , 123, 3334-3343		2
364	Halide Photoredox Chemistry. <b>2019</b> , 119, 4628-4683		65
363	Anion coordination chemistry using O-H groups. <b>2019</b> , 48, 2596-2614		23
362	A theoretical insight into several common anion recognitions based on double-dentate hydrogen bond and anion- $\pi$ coexistence. <b>2019</b> , 32, e3959		3
361	A Novel Ferrocene-Based Calix[4]arene as an Efficient Optical and Electrochemical Sensor for Highly Selective Fluoride Recognition. <b>2019</b> , 4, 3914-3920		7
360	Tuning the recognition properties of urea based receptor towards cyanide in aqueous medium: Effect of fluorine substitution on strength and selectivity of the anion receptor. <b>2019</b> , 215, 233-243		4
359	Excimer Disaggregation Enhanced Emission: A Fluorescence "Turn-On" Approach to Oxoanion Recognition. <b>2019</b> , 141, 4597-4612		30
358	p-Nitrophenylcarbonates: A New Class of Compounds for Chemodosimetric Colorimetric Fluoride Anion Sensing Detectable by the Naked Eye. <b>2019</b> , 4, 1830-1833		2
357	Macrocyclic bis-urea receptor: Synthesis, crystal structure and phosphate binding properties. <b>2019</b> , 60, 729-733		3

356	A novel dendritic polymer based turn- off fluorescence sensor for the selective detection of cyanide ion in aqueous medium. <b>2019</b> , 137, 71-78		19
355	Real-Time in Situ Monitoring of Nitrogen Dynamics in Wastewater Treatment Processes using Wireless, Solid-State, and Ion-Selective Membrane Sensors. <b>2019</b> , 53, 3140-3148		18
354	Rhodamine scaffolds as real time chemosensors for selective detection of bisulfite in aqueous medium. <b>2019</b> , 18, 1342-1349		9
353	Control of Excited-State Supramolecular Assembly Leading to Halide Photorelease. <b>2019</b> , 58, 3316-3328		6
352	A benzimidazole-based non-symmetrical tripodal receptor for the ratiometric fluorescence sensing of fluoride ions and solid state recognition of sulfate ions. <i>New Journal of Chemistry</i> , <b>2019</b> , 43, 16497-16505	3.6	10
351	Water and oxoanion encapsulation chemistry in a 1H-pyrazole azacryptand. <i>New Journal of Chemistry</i> , <b>2019</b> , 43, 18915-18924	3.6	
350	Selective Phosphate Removal from Water and Wastewater using Sorption: Process Fundamentals and Removal Mechanisms. <b>2020</b> , 54, 50-66		164
349	Chemosensor Based on Hydrazinyl Pyridine for Selective Detection of F <sup>-</sup> Ion in Organic Media and CO <sub>3</sub> <sup>2-</sup> Ions in Aqueous Media: Design, Synthesis, Characterization and Practical Application. <b>2019</b> , 4, 14120-14131		6
348	New dimensions in calix[4]pyrrole: the land of opportunity in supramolecular chemistry.. <b>2019</b> , 9, 38309-38344		23
347	Zweizählige Bor-Lewis-Säuren und ihre Selektivität in der Wirt-Gast-Komplexbildung. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 1985-1990	3.6	5
346	Iodide Photoredox and Bond Formation Chemistry. <b>2019</b> , 52, 170-179		13
345	Bidentate Boron Lewis Acids: Selectivity in Host-Guest Complex Formation. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 1965-1969	16.4	16
344	Isophorone-boronate ester: A simple chemosensor for optical detection of fluoride anion. <b>2019</b> , 33, e4688		8
343	MetalOrganic Self-Assembled Trefoil Knots for C-Br Bond Activation. <b>2019</b> , 9, 1907-1914		22
342	Significant improved selectivity of a fluorescent sensor for Al <sup>3+</sup> made from a fluorinated rhodamine B Schiff base. <b>2019</b> , 45, 1815-1827		2
341	Anion-dependent soft metal complexes with an O <sub>2</sub> S <sub>3</sub> -macrocycle: From monomer and dimer to polymer with endo-, exo-, and endo/exocyclic coordination modes. <b>2019</b> , 100, 75-80		1
340	Simple and highly electron deficient Schiff-base host for anions: First turn-on colorimetric bifluoride sensor. <b>2019</b> , 209, 165-169		14
339	Substitution Effect on Near Infrared Absorbance Based Selective Fluoride Sensing of Indole Functionalized Thiourea Molecules. <i>European Journal of Organic Chemistry</i> , <b>2019</b> , 2019, 1008-1015	3.2	6

338	Selective detection of fluoride via amplified donor-acceptor interaction of 6H-indolo[2,3-b]quinoline. <b>2019</b> , 211, 246-253		4
337	Supramolecular Luminescent Sensors. <b>2019</b> , 119, 322-477		310
336	Ion mobility mass spectrometry of supramolecular complexes and assemblies. <b>2019</b> , 3, 4-14		53
335	New fluorescent sensor based on a calix[4]arene bearing two triazole-boumarin units for copper ions: application for Cu <sup>2+</sup> detection in human blood serum. <b>2019</b> , 93, 245-252		6
334	Phenanthrene-imidazole-based fluorescent sensor for selective detection of Ag <sup>+</sup> and F <sup>-</sup> ions: real sample application and live cell imaging. <b>2019</b> , 45, 1295-1308		9
333	N-Thiophosphorylthioureas RNHC(S)NHP(S)(OiPr) <sub>2</sub> as an Excellent Platform for Studying the Synergy between Hydrogen-Hydrogen Bonding and Other Families of Non-Covalent Interactions. <i>European Journal of Organic Chemistry</i> , <b>2019</b> , 2019, 493-503	3.2	12
332	Spectrochemical and theoretical approaches for acylhydrazone-based fluoride sensors. <b>2019</b> , 45, 425-435		5
331	Anion coordination chemistry: From recognition to supramolecular assembly. <b>2019</b> , 378, 415-444		87
330	Design and synthesis new colorimetric receptors for naked-eye detection of biologically important fluoride and acetate anions in organic and arsenite in aqueous medium based on ICT mechanism: DFT study and test strip application. <b>2020</b> , 225, 117522		8
329	A chromogenic and fluorogenic chemodosimeter for selective detection of CN <sup>-</sup> . <b>2020</b> , 499, 119156		5
328	Simple chloro substituted HBT derivative portraying coupling of AIE and ESIPT phenomenon: Ratiometric detection of S <sup>2-</sup> and CN <sup>-</sup> in 100% aqueous medium. <b>2020</b> , 388, 112177		14
327	Azobenzene-blemicyanine Conjugated Polymeric Chemosensor for the Rapid and Selective Detection of Cyanide in Pure Aqueous Media. <b>2020</b> , 58, 124-131		5
326	Secondary-Sphere Chlorolanthanide(III) Complexes with a 1,3,5-Triazine-Based Ligand Supported by Anion-π and Hydrogen-Bonding Interactions. <b>2020</b> , 59, 151-160		9
325	Bithiophene triarylborane dyad: An efficient material for the selective detection of CN <sup>-</sup> and F <sup>-</sup> ions. <b>2020</b> , 34, e5257		7
324	Ether based flexible bis Schiff base fluorescent colorimetric chemosensors for selective and sensitive detection of HF <sub>2</sub> <sup>-</sup> ion. <b>2020</b> , 389, 112179		5
323	Donor-acceptor pyrene-based fluorescent chemosensor for the selective recognition of Cu <sup>2+</sup> and S <sup>2-</sup> ions and its utilization in live cell imaging. <b>2020</b> , 34, e5342		5
322	Electrochemical Anion Sensing: Supramolecular Approaches. <b>2020</b> , 120, 1888-1935		73
321	Ruthenium-based phosphorescent probe for selective and naked-eye detection of cyanide in aqueous media. <b>2020</b> , 176, 108196		7

320	Phenanthroline-strapped calix[4]pyrroles: anion receptors displaying affinity reversal as a function of solvent polarity. <b>2020</b> , 7, 548-556		4
319	Crown ether-appended calix[2]triazolium[2]arene as a macrocyclic receptor for the recognition of the HPO anion. <b>2020</b> , 56, 1038-1041		7
318	A terbium(III)-functionalized zinc(II)-organic framework for fluorometric determination of phosphate. <b>2020</b> , 187, 84		11
317	Microwave-enhanced and conventional procedures for the synthesis of coumarin-thiophene amides, sulfonamide, and urea derivatives: Synthesis, photophysical activities, and multiple anions signalling via different mechanisms. <i>Journal of Molecular Structure</i> , <b>2020</b> , 1204, 127465	3.4	3
316	Exploration of highly selective fluorogenic 'on-off' chemosensor for H PO ions: ICT-based sensing and ATPase activity profiling. <b>2020</b> , 35, 379-384		1
315	A dual colorimetric chemosensor based on Schiff base for highly selective and simultaneous recognition of CN <sup>-</sup> and Sn <sup>2+</sup> . <b>2020</b> , 502, 119372		12
314	Visual Detection of Fluoride Anions Using Mixed Lanthanide Metal-Organic Frameworks with a Smartphone. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 2097-2102	7.8	66
313	A water-soluble 1,8-naphthyridine-based imidazolium molecular gripper for fluorescence sensing and discriminating of GMP. <b>2020</b> , 174, 108103		3
312	Dual mode detection of CN <sup>-</sup> & Cu using fluorene moiety with logic gate, DFT studies and real sample analysis applications. <b>2020</b> , 229, 117887		3
311	Design and synthesis of malonohydrazide based colorimetric receptors for discrimination of maleate over fumarate and detection of F <sup>-</sup> , AcO <sup>-</sup> and AsO <sup>3-</sup> ions. <b>2020</b> , 229, 117883		1
310	Selective Coordination of Cu and Subsequent Anion Detection Based on a Naphthalimide-Triazine-(DPA) Chemosensor. <b>2020</b> , 10,		2
309	Bis-calix[4]pyrroles: Preparation, structure, complexation properties and beyond. <b>2020</b> , 425, 213528		17
308	Alkyl ammonium ion-induced drastic emission enhancement of Eu(D-facam) in 1-butanol. <b>2020</b> , 56, 13532-13535		
307	Anion-sensitive photophysics of luminescent trimetallic complexes of Fe(II), Ru(II), and Os(II) with polarized NH motifs. <i>Polyhedron</i> , <b>2020</b> , 190, 114772	2.7	2
306	A highly sensitive and selective fluorescent turn-on chemosensor bearing a 7-diethylaminocoumarin moiety for the detection of cyanide in organic and aqueous solutions. <i>New Journal of Chemistry</i> , <b>2020</b> , 44, 19155-19165	3.6	8
305	A simple and optically responsive chemosensor for the detection of Al <sup>3+</sup> and Cr <sup>3+</sup> : In live cells and real sample analysis. <b>2020</b> , 122, 108289		2
304	Electrochemical Applications of Ferrocene-Based Coordination Polymers. <b>2020</b> , 85, 2397-2418		49
303	Colorimetric Naked eye sensor for fluoride ion based on isatin hydrazones via hydrogen bond formation: Design, synthesis and characterization ascertained by Nuclear Magnetic Resonance, Ultraviolet-Visible, Computational and Electrochemical studies. <b>2020</b> , 121, 108216		9

302	A Urea-Functionalized Chemoreceptor for Expeditious Chromogenic Recognition of Toxic Industrial Pollutants Cu <sup>2+</sup> and CN <sup>-</sup> from Real Water Sources and Biofluids: Diagnosis of Wilson's disease from Human Urine. <b>2020</b> , 59, 19077-19092		12
301	Atypical Dearomative Spirocyclization of $\beta$ -Naphthols with Diazoacetamides Using a Silver Catalyst. <b>2020</b> , 22, 8132-8138		9
300	Cavity-based applications of metallo-supramolecular coordination cages (MSCCs). <b>2020</b> , 7, 2842-2872		6
299	Enhancement of Ion Pairing of Sr(II) and Ba(II) Salts by a Tritopic Ion-Pair Receptor in Solution. <b>2020</b> , 21, 1957-1965		1
298	Colorimetric Receptors for the Detection of Biologically Important Anions and Their Application in Designing Molecular Logic Gate. <b>2020</b> , 5, 13135-13143		6
297	The influence of high pressure on static combinatorial libraries of chiral BINOL-based macrocyclic amides. <b>2020</b> , 76, 131438		
296	LogP determination for highly lipophilic hydrogen-bonding anion receptor molecules. <b>2020</b> , 1132, 123-133		5
295	A naphthalene-based colorimetric and fluorometric dual-channel chemodosimeter for sensing cyanide in a wide pH range. <b>2020</b> , 183, 108724		14
294	The novel sensitive and selective chemosensors for determination of multiple analytes. <b>2020</b> , 183, 108701		3
293	Facile and Reliable Emission-Based Nanomolar Anion Sensing by Luminescent Iridium Receptors Featuring Chelating Halogen-Bonding Sites. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 14679-14687	4.8	2
292	Capture and displacement-based release of the bicarbonate anion by calix[4]pyrroles with small rigid straps. <i>Chemical Science</i> , <b>2020</b> , 11, 8288-8294	9.4	3
291	Multiple applications of polymers containing electron-reservoir metal-sandwich complexes. <b>2020</b> , 56, 11374-11385		11
290	Rapid Colorimetric Screening of Elevated Phosphate in Urine: A Charge-Transfer Interaction. <b>2020</b> , 5, 21054-21066		4
289	Bis(alizarinato)silane: In Silico Design and Synthesis of a Powerful Chromogenic Lewis Acid as a Dual-Gated Fluoride Ion Probe. <b>2020</b> , 39, 4340-4349		3
288	Analysis of Ion Pairing in Solid State and Solution in <i>p</i> -Cymene Ruthenium Complexes. <b>2020</b> , 59, 14171-14183		3
287	Novel light-emitting clays with structural Tb and Eu for chromate anion detection.. <b>2020</b> , 10, 29765-29771		6
286	Smart Colorimetric Chemosensors for Multi-Analyte Signaling: Recognition of Heavy Metal Ions in an Aqueous Medium and DFT Studies. <b>2020</b> , 5, 5289-5299		1
285	DFT/TD-DFT Based Study to Decipher the Proton Transfer Process in Anion Sensing Mechanism of NTS Molecule. <b>2020</b> , 5, 5437-5450		5



284	N-Confused Porphyrin - A Unique "Turn-On" Chemosensor for CN and F ions and "Turn-Off" Sensor for ClO ions. <i>Chemistry - an Asian Journal</i> , <b>2020</b> , 15, 2192-2197	4.5	4
283	Thiosemicarbazone-based bifunctional chemosensors for simultaneous detection of inorganic cations and fluoride anion. <i>Journal of Molecular Structure</i> , <b>2020</b> , 1219, 128640	3.4	5
282	Functional Single-Walled Carbon Nanotubes for Anion Sensing. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 28375-28382	9.5	10
281	In Silico Design of Cylindrophanes: The Role of Functional Groups in a Fluoride Selective Host. <b>2020</b> , 21, 1989-2005		3
280	Halogenide anions as halogen and hydrogen bond acceptors in iodopyridinium halogenides. <b>2020</b> , 22, 4039-4046		12
279	C symmetric tripodal molecular pocket for linear anions: Selective colorimetric detection of azide through N-Cu- $\pi$ -hole interactions. <b>2020</b> , 240, 118615		
278	Rationally designed imidazole derivative as colorimetric and fluorometric sensor for selective, qualitative and quantitative cyanide ion detection in real time samples. <b>2020</b> , 234, 118212		13
277	Bringing a Molecular Plus One: Synergistic Binding Creates Guest-Mediated Three-Component Complexes. <b>2020</b> , 85, 5884-5894		5
276	Porphyrins as Colorimetric and Photometric Biosensors in Modern Bioanalytical Systems. <b>2020</b> , 21, 1793-1807		20
275	Selective resonance Rayleigh scattering spectroscopic determination of persulfate using cetyl trimethylammonium bromide capped cuo nanograins. <b>2020</b> , 155, 104701		3
274	An Efficient Near-Infrared Emissive Artificial Supramolecular Light-Harvesting System for Imaging in the Golgi Apparatus. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 10493-10497	16.4	55
273	Highly sensitive turn-off fluorescent detection of cyanide in aqueous medium using dicyanovinyl-substituted phenanthridine fluorophore.. <b>2020</b> , 10, 11791-11799		10
272	An Efficient Near-Infrared Emissive Artificial Supramolecular Light-Harvesting System for Imaging in the Golgi Apparatus. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 10579-10583	3.6	6
271	Binuclear and tetranuclear Zn(ii) complexes with thiosemicarbazones: synthesis, X-ray crystal structures, ATP-sensing, DNA-binding, phosphatase activity and theoretical calculations.. <b>2020</b> , 10, 12735-12743		2
270	A smart low molecular weight gelator for the triple detection of copper (II), mercury (II), and cyanide ions in water resources. <b>2020</b> , 219, 121237		13
269	Aryl-CH and aryl- $\pi$ -hole supported selective colourimetric sensing of cyanide. Effect of $\pi$ -the-ring /off- the-ring $\pi$ -hole functionality in cyanide selectivity. <b>2020</b> , 1-10		2
268	Synthesis and carboxylate anion binding studies on cyclic sugar-amino acid hybrids. <b>2020</b> , 50, 2787-2795		
267	High-Efficiency Gold Recovery Using Cucurbit[6]uril. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 38768-38777	9.5	18

266 References. **2020**, 203-223

- 265 Redox-Based Electrochemical Affinity Sensor for Detection of Aqueous Pertechnetate Anion. **2020**, 5, 674-685 5
- 264 Switchable Optical Probes for Simultaneous Targeting of Multiple Anions. *Chemistry - an Asian Journal*, **2020**, 15, 1759-1779 4-5 12
- 263 The nanoscopic principles of capacitive ion sensing interfaces. **2020**, 22, 3770-3774 11
- 262 A new strategy for sensing cyanide ions by cyanide-induced nucleophilic substitution of hydrogen in nitro-controlled electron-deficient fluorophores. **2020**, 61, 151656 4
- 261 Development of a synthetic strategy for Water soluble tripodal receptors: Two novel fluorescent receptors for highly selective and sensitive detections of Fe<sup>3+</sup> and Cu<sup>2+</sup> ions and biological evaluation. **2020**, 392, 112411 21
- 260 Most Efficient Tris(3-Aminopropyl) Amine Based Electron Deficient Tripodal Receptor for Azide. **2020**, 30, 291-300 6
- 259 Azobenzene-Fluorocyanine Conjugated Polymeric Chemosensor for the Rapid and Selective Detection of Cyanide in Pure Aqueous Media. **2020**, 58, 124-131
- 258 Recent developments in metal dipyrin complexes: Design, synthesis, and applications. **2020**, 414, 213269 15
- 257 Charge-transfer materials for electrochemical water desalination, ion separation and the recovery of elements. **2020**, 5, 517-538 168
- 256 trans-4-[4-(Dimethylamino)styryl]-1-methylpyridinium iodide@cyclopentanocucurbit[6]uril as a fluorescent probe for anion recognition. **2020**, 132, 1 1
- 255 Backbone Boron-Functionalized Imidazoles/Imidazolium Salts: Synthesis, Structure, Metalation Studies, and Fluoride Sensing Properties. **2020**, 59, 5646-5661 2
- 254 Emergence of anion-π Interactions: The land of opportunity in supramolecular chemistry and beyond. **2020**, 415, 213327 37
- 253 Synthesis and characterization of thiazole based selective chemosensor for copper ions. **2020**, 33, 2134-2138 3
- 252 A novel bis-acylhydrazone supramolecular gel and its application in ultrasensitive detection of CN<sup>-</sup> **2021**, 186, 108949 6
- 251 Effective electrochemically controlled removal of fluoride ions using electrodeposited polyaniline-carbon nanotube composite electrodes. **2021**, 254, 117561 12
- 250 Emerging porous nanosheets: From fundamental synthesis to promising applications. **2021**, 14, 1-28 27
- 249 Bicarbonate Recognition Features of a Naphthobipyrrole-strapped Calix[4]pyrrole. **2021**, 42, 130-134 0

248	Urea Derivatives as Functional Molecules: Supramolecular Capsules, Supramolecular Polymers, Supramolecular Gels, Artificial Hosts, and Catalysts. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 5601-5614	4.8	23
247	Synthesis, characterization of vanillin based colorimetric chemosensor for sensing of fluoride ions. <i>Journal of Molecular Structure</i> , <b>2021</b> , 1227, 129521	3.4	1
246	Mg-coordinated self-assembly of MgO-doped ordered mesoporous carbons for selective recovery of phosphorus from aqueous solutions. <i>Chemical Engineering Journal</i> , <b>2021</b> , 406, 126748	14.7	13
245	A theoretical study describing the sensing mechanism of the novel triarylborane substituted naphthalimide molecule. <i>Journal of Molecular Structure</i> , <b>2021</b> , 1228, 129443	3.4	1
244	Anion-binding-induced and reduced fluorescence emission (ABIFE & ABRFE): A fluorescent chemo sensor for selective turn-on/off detection of cyanide and fluoride. <b>2021</b> , 245, 118943		3
243	A developed chromogenic probe for determination of dual analyte with logic gates function and keypad-lock. <b>2021</b> , 101, 433-449		0
242	The design of anion-π interactions and hydrogen bonds for the recognition of chloride, bromide and nitrate anions. <b>2021</b> , 23, 11455-11465		1
241	Advances in anion binding and sensing using luminescent lanthanide complexes. <i>Chemical Science</i> , <b>2021</b> , 12, 2716-2734	9.4	31
240	Progress in Design and Application of Supramolecular Fluorescent Systems Based on Difluoroboron-Dipyrromethene and Macrocyclic Compounds. <b>2021</b> , 41, 2946		0
239	Fast transport of HCl across a hydrophobic layer over macroscopic distances by using a Pt(II) compound as the transporter: micro- and nanometric aggregates as effective transporters. <b>2021</b> , 50, 1422-1433		0
238	Redox-copolymers for the recovery of rare earth elements by electrochemically regenerated ion-exchange. <b>2021</b> , 9, 20068-20077		7
237	FRET based ratiometric switch for selective sensing of Al <sup>3+</sup> with bio-imaging in human peripheral blood mononuclear cells. <i>New Journal of Chemistry</i> , <b>2021</b> , 45, 1853-1862	3.6	3
236	Design of supramolecular systems capable of recognizing anions uniquely by aliphatic C-H...anion hydrogen bonds: theoretical insights. <i>New Journal of Chemistry</i> ,	3.6	
235	A new palladium complex as a dual fluorometric and colorimetric probe for rapid determination of sulfide anion. <b>2021</b> , 404, 112885		0
234	Anion binding properties of a hollow PdL-cage. <b>2021</b> , 57, 7184-7187		5
233	Iodide ion receptors: shape-persistent macrocycles of syn/anti configurations. <i>New Journal of Chemistry</i> , <b>2021</b> , 45, 6796-6802	3.6	1
232	A DFT investigation of anion-π interactions between halogen oxyanions (XO <sub>3</sub> <sup>-</sup> [X = Cl, Br, I]) and aromatic π systems (benzene and coronene). <b>2021</b> , 1046, 012017		
231	Triethylenetetramine complexes of cobalt(III) having anion binding sites: synthesis, characterisation, crystal structure, anti-bacterial and anti-cancer properties of [Co(trien)(NO <sub>2</sub> ) <sub>2</sub> ] <sub>2</sub> Cr <sub>2</sub> O <sub>7</sub> and [Co(trien)(NO <sub>2</sub> ) <sub>2</sub> ] <sub>2</sub> SCN. <b>2021</b> , 133, 1		1

- 230 Supersensitive Detection of Anions in Pure Organic and Aqueous Media by Amino Acid Conjugated Ellman's Reagent.. **2021**, 4, 2453-2464 3
- 229 Regioselective nitration of a biphenyl derivative to derive a fluorescent chloride sensor. **2021**, 65, 152750
- 228 Excited State Intramolecular Proton Transfer (ESIPT)-Based Sensor for Ion Detection. **2021**, 31, 861-872 1
- 227 Rull tris-bipyridine-modified electrode as a sensor for battery electrolyte. **2021**, 125, 106990
- 226 A comprehensive review on quinones based fluoride selective colorimetric and fluorescence chemosensors. **2021**, 244, 109744 11
- 225 A colorimetric indicator-displacement assay based on stable Cu selective carbon dots for fluorescence turn-on detection of pyrophosphate anions in urine. **2021**, 251, 119479 5
- 224 A subtle change in substituent enabled multi-ways fluorine anion signals including paper-strip colorimetric detection using urea-functionalized pushpull chromophore receptor. **2021**, 410, 113163 4
- 223 Nitrogen-doped graphene quantum dots based fluorescent probe for highly sensitive detection of thiosulfate anion and oxidative compounds. **2021**, 412, 113234 2
- 222 Highly Selective and Sensitive Colorimetric and Fluorescent Chemosensors for Rapid Detection of Cyanide Anions in Aqueous Medium: Investigation on Supramolecular Recognition of Tweezer-shaped Salophenes. **2021**, 31, 1085-1097
- 221 Anion Recognition Employing -NH Linked Organic Moieties. **2021**, 6, 4273-4284 1
- 220 K2S2O8 mediated synthesis of 5-aryldipyrromethanes and meso-substituted A4-tetraarylporphyrins. **2021**, 25, 664-673 0
- 219 Selective and Fast Detection of Fluoride-Contaminated Water Based on a Novel Salen-Co-MOF Chemosensor. **2021**, 6, 15182-15191 0
- 218 1,8-Naphthalimide based fluorescent sensors for enzymes. **2021**, 437, 213713 24
- 217 Recent Advances in Colorimetric and Fluorescent Chemosensors for Ionic Species: Design, Principle and Optical Signalling Mechanism. **2021**, 6, 5657-5669 9
- 216 Electron deficient imine-based receptor for selective colorimetric recognition of cyanide ion through aromatic CH $\pi$ anion interactions. **2021**, 6, 100018 1
- 215 Molecular electrostatic potential (MEP) surface analysis of chemo sensors: An extra supporting hand for strength, selectivity & non-traditional interactions. **2021**, 6, 100022 7
- 214 Influence of Triazole Substituents of Bis-Heteroleptic Ru(II) Probes toward Selective Sensing of Dihydrogen Phosphate. **2021**, 60, 9084-9096 5
- 213 Pyrene-Hydrazone- $\pi$ -Hole Coupled Turn-on Fluorescent and Naked- Eye Colorimetric Sensor for Cyanide: Role of Homogeneous  $\pi$ -Hole Dispersion in Anion Selectivity. **2021**, 31, 1303-1309 1

212	Silicon-Bridged Bi- and Tridentate Lewis Acidic Host Systems. <b>2021</b> , 2021, 3265-3271		3
211	Triphenylamine-based silsesquioxane derivatives for multiple anion recognition via anion effect and solvent effect. <b>2021</b> , 338, 129837		4
210	Highly efficient coumarin-derived colorimetric chemosensors for sensitive sensing of fluoride ions and their applications in logic circuits. <b>2021</b> , 255, 119718		5
209	Neutral Nitrogen Donor Ligand-based MOFs for Sensing Applications. <i>Chemistry - an Asian Journal</i> , <b>2021</b> , 16, 2569-2587	4-5	2
208	DPP based dual-sensing probe for the multi-color detection of toxic Co <sup>2+</sup> /Sn <sup>2+</sup> and CN <sup>-</sup> ions in water: An electronic eye development. <b>2021</b> , 192, 109425		4
207	Halides as versatile anions in asymmetric anion-binding organocatalysis. <b>2021</b> , 17, 2270-2286		5
206	A Molecular Swan: Naphthalene-hydrazone-based hole-coupled electron-deficient naked-eye selective colorimetric cyanide sensor. 1		0
205	A phenolato-bridged dinuclear Ni(II) complex for selective fluorescent sensing of oxalate in aqueous medium. <b>2021</b> , 525, 120493		
204	A highly selective coumarin-based chemosensor for naked-eye detection of cyanide anions via nucleophilic addition in pure aqueous environment. <b>2021</b> , 169, 106584		3
203	Status and advances in technologies for phosphorus species detection and characterization in natural environment- A comprehensive review. <b>2021</b> , 233, 122458		3
202	Recent progress in Schiff bases in detections of fluoride ions. <b>2021</b> , 194, 109575		5
201	Highly selective and sensitive optical discrimination of pyrophosphate ion by a Zn(II)-terpyridine complex in aqueous medium at physiological pH. <i>Journal of Molecular Structure</i> , <b>2021</b> , 1243, 130868	3-4	1
200	A biginelli-azophenol based robust sensor for rapid diagnosis of cyanide in real samples. <b>2021</b> , 195, 109702		2
199	A detailed insight into anion sensing based on intramolecular charge transfer (ICT) mechanism: A comprehensive review of the years 2016 to 2021. <b>2021</b> , 448, 214167		8
198	Structurally diverse dinuclear Cu(I) complexes and 1D helical Cu(I) coordination polymers bridged by 2,2':6',4'-terpyridine. <b>2021</b> , 528, 120628		
197	Phenanthridine based rapid "turn-on" fluorescent sensor for selective detection of Th ion and its real-time application. <b>2022</b> , 265, 120403		1
196	Isomeric nitro substituted symmetrical benzamides: Crystal Structures, Hirshfeld surface analysis, 3D energy frameworks, DNA binding and cell line studies. <i>Journal of Molecular Structure</i> , <b>2022</b> , 1247, 131396	3-4	1
195	Unveiling anion-induced folding in tripodal imidazolium receptors by ion-mobility mass spectrometry. <b>2021</b> , 57, 8616-8619		0

194	Intrinsic structural features of coordination polymers make an impact on dye selectivity. <b>2021</b> , 23, 3812-3827	3
193	Allosteric binding properties of a 1,3-alternate thiacalix[4]arene-based receptor having phenylthiourea and 2-pyridylmethyl moieties on opposite faces. <i>New Journal of Chemistry</i> ,	3.6 1
192	Ion mobility mass spectrometry - an efficient tool for the analysis of conformational switch of macrocyclic receptors upon anion binding. <b>2021</b> , 146, 5337-5346	0
191	Heteroditopic receptor flexibility: An important design principle for effective ion pair extractants based on carboxylate studies. <i>New Journal of Chemistry</i> ,	3.6
190	Supramolecular Chemistry at the Mesoscale. 11-36	1
189	Semiconductor Quantum Dots for Analytical and Bioanalytical Applications. 455-511	3
188	Water-Soluble Organotin Compounds: Syntheses, Structures and Reactivity towards Fluoride Anions in Water. <b>2020</b> , 2020, 3925-3936	2
187	Combinatorial Method for Surface-Confined Sensor Design and Fabrication. <b>2005</b> , 169-188	11
186	Combinatorial Libraries of Fluorescent Monolayers on Glass. <b>2009</b> , 81-115	1
185	Organometallic Silicon-Containing Dendrimers and Their Electrochemical Applications. <b>2009</b> , 141-196	2
184	Binding and Extraction of Pertechnetate and Perrhenate by Azacages. <b>2004</b> , 151-168	13
183	Ditopic Salt-Binding Receptors for Potential Use in Anion Separation Processes. <b>2004</b> , 115-123	2
182	Biomedical Applications of Organometallic Peptide Conjugates. <b>2010</b> , 195-217	33
181	Nitrate Anion Sensors: Their Applications and a Case Study of Their Status in Waste Water from Selected Areas of Coastal Guyana via a Spectrophotometric Method. <b>2013</b> , 149-169	1
180	A simple and sensitive thiazole-based colorimetric chemosensor for detection of $\text{CN}^-$ and $\text{Cu}^{2+}$ ions. <b>2020</b> , 17, 1429-1438	4
179	Inorganic and organic anion sensing by azole family members. <b>2020</b> , 417, 213369	15
178	Recognition of anions using urea and thiourea substituted calixarenes: A density functional theory study of non-covalent interactions. <b>2018</b> , 501, 68-77	15
177	Aminophenol based colorimetric chemosensor for naked-eye detection of biologically important fluoride and acetate ions in organo-aqueous medium: Effective and simple anion sensors. <b>2018</b> , 353, 507-520	32

176	Development of porphyrin-based chemosensor for highly selective sensing of fluoride ion in aqueous media. <b>2020</b> , 157, 105028	5
175	Experimental and Theoretical Evidence of the Bidentate Binding Mode of Dichloroacetamido Groups at the Upper Rim of Calix[4]arene Hydrogen-Bonding Anion Receptors. <b>2004</b> , 69, 1063-1079	10
174	(Thio)Urea-Functionalized Cavitands as Excellent Receptors for Organic Anions in Polar Media. <b>2004</b> , 69, 1137-1148	11
173	The supramolecular redox functions of metallomacromolecules. <b>2020</b> , 2,	3
172	Dendrimers An Enabling Synthetic Science to Controlled Organic Nanostructures. <b>2007</b> , 24-1-24-47	4
171	Anion-Selective Electrodes Based on Polyvalent Metal Complexes. <b>2006</b> , 55, 83-94	1
170	Size Selective Recognition of Anions by a Tetracationic Imidazoliophane. <b>2003</b> , 60, 779	25
169	A Xanthone-based Macrocyclic Receptor and Its Possible Applications. <b>2004</b> , 63, 2465	4
168	Influence of ingesting casein protein and whey protein carbohydrate beverages on recovery and performance of an endurance cycling test. <b>2010</b> , 5, 158-175	2
167	Hybrid organic-inorganic mesoporous silicates as optical nanosensor for toxic metals detection. <b>2014</b> , 1, 74	2
166	Synthesis of Tripodal Trifluoroacetophenone Derivatives and Their Evaluation as Ion-Selective Electrode Membranes. <b>2002</b> , 23, 1420-1424	14
165	Anions as Connectors for Higher Dimensions. Silver(I) Trifluoroacetate with 3,3'-Oxybispyridine vs 3,3'-Thiobispyridine. <b>2002</b> , 23, 1744-1748	3
164	Assembly of a Cyclic Dimer Silver(I) Complex Encapsulating Two BF <sub>4</sub> -Ions. <b>2003</b> , 24, 1393-1395	9
163	Fluorescent Probe for Oxalic Acid: Design, Synthesis, and Evaluation. <b>2004</b> , 25, 1495-1498	8
162	Visual Detection of Di-and Tri-phosphates in Aqueous Solution of Neutral pH. <b>2004</b> , 25, 1151-1155	9
161	Molecular Tweezer Based on Chenodeoxycholic Acid: Synthesis and Anion Binding Properties. <b>2004</b> , 25, 1411-1413	6
160	Fluorescent Anion Receptor with Two Methylene Bridged Bis-imidazolium Ring on Anthracene. <b>2005</b> , 26, 1121-1124	7
159	Naked Eye Fluoride Ion Chemosensors with Anthraquinone Derivatives. <b>2006</b> , 27, 1967-1968	25

- 158 Novel Colorimetric Sensing of Anion with Gold Nanoparticles-Embedded Plasticized Polymer Membrane. **2006**, 27, 2081-2083 16
- 157 Synthesis and Anion Binding Affinities of Novel Molecular Tweezers Based on Chenodeoxycholic Acid Bearing Different Lengths of Arm. **2006**, 27, 1445-1449 9
- 156 Anion Selective Colorimetric Chemosensor with Nitronaphthalene Urea Derivative. **2007**, 28, 1815-1817 8
- 155 Naphthalene Urea Derivatives for Anion Receptor: Effects of Substituents on Benzoate Binding. **2007**, 28, 851-854 11
- 154 Anion Receptors with 2-Imidazolidone Molecular Scaffold. **2007**, 28, 1531-1534 6
- 153 Electrochemical and  $^{19}\text{F}$  NMR Detection of Anions, Ion-pairs, and a Zwitterionic Amino Acid with a Ferrocene-based Hetero-ditopic Receptor Bearing *o*-(Carboxamido)trifluoroacetophenone and Crown-ether Ligands. **2008**, 29, 2355-2360 3
- 152 BODIPY Appended Crown Ethers: Selective Fluorescence Changes for  $\text{Hg}^{2+}$  Binding. **2008**, 29, 1831-1834 28
- 151 Organopalladium(II) Complexes as Ionophores for Thiocyanate Ion-Selective Electrodes. **2009**, 30, 2303-2308 3
- 150 Octa-amidocavitand: Paired Anion Binding through N-H $\cdots$ X- and C-H $\cdots$ X-Interactions. **2009**, 30, 2782-2784 4
- 149 Fluorescent Anion Receptor of Tweezer-type: Using Pyrene Amide Unit with Cationic Pyridinium Skeleton. **2009**, 30, 3089-3091 3
- 148 Fluorescent Sensing of Tetrahedral Anions with a Pyrene Urea Derivative of Calix[4]arene Chemosensor. **2009**, 30, 1675-1677 8
- 147 A Pyrenyl-Appended Triazole-Based Calix[4]arene as a Fluorescent Sensor for Iodide Ion. **2010**, 31, 624-629 18
- 146 A New Chemosensing Ensemble for Colorimetric Detection of Oxalate in Water. **2010**, 31, 3159-3162 11
- 145 A New Acridine-Imidazolium-Based Cholestane Receptor for Anion Sensing. **2011**, 32, 2933-2937 9
- 144 A New Carboxylate Selective Anion Receptor Utilizing Amide and Carbamate Hydrogens. **2011**, 32, 3215-3218 2
- 143 Colorimetric and Fluorescent Recognition of Fluoride by a Binaphthol Thioureido Derivative. **2012**, 33, 2145-2148 6
- 142 Pyrrole-Strapped Calix[4]pyrroles Bearing Pyrene Moiety: Synthesis and Anion Binding Property. **2013**, 34, 283-286 7
- 141 Single Strands versus Ladders: Construction of Skeletal Structure via Coordinating Ability of Anions. **2011**, 55, 887-891 1



140 Nanoparticle Scaffolds for Devices and Sensors. **2004**, 89-112

139 Steroid-Based Anion Complexation Agents. **2004**, 1365-1371

138 Supramolecular Electrochemistry. **2004**, 1412-1419

137 Anion-Templated Self-Assembly. **2008**, 178-190

136 Diversity-Oriented Fluorescence Library Approach for Novel Sensor Development. **2009**, 419-440

135 Computer-Aided Design of Organic Host Architectures for Selective Chemosensors. **2009**, 113-133

134 Self-Assembly of Calix[6]arene-Diazapyrenium Pseudorotaxanes: Interplay of Molecular Recognition and Ion-Pairing Effects. **2011**, 55-70

133 A New Acetate Selective Polyamine Receptor Based on Anthracene and 4-Nitrophenyl Group. **2011**, 32, 1228-1230

1

132 A Supramolecular Sensing Platform in a Microfluidic Chip. **2012**, 57-70

131 CHAPTER 6:Reconfigurable Single InputSingle Output Systems. **2012**, 109-113

130 CHAPTER 14:Applications. **2012**, 336-383

129 Functionalized Ni@SiO<sub>2</sub>Core/Shell Magnetic Nanoparticles as a Chemosensor for Fluoride Ion. **2012**, 33, 1409-1412

128 Anthraquinone-carbamodithiolate Assembly as Selective Chromogenic Chemosensor for Fe<sup>3+</sup>. **2013**, 25, 13-17

9

127 Selective Metal Ion Sensing of Bipyridine-Bisterpyridine containing Fluorescent Dyes. **2013**, 25, 254-261

126 Oligosaccharide-Salicylaldehyde Derivatives as Precursors of Water-Soluble, Biocompatible Anion Receptors. **2014**, 172-189

125 Biomimetic Receptors: Carboxylate Recognition. 408-421

124 Nanoparticles: Generation, Functionalization, and Ion Sensing. 3179-3191

123 Anion-Templated Self-Assembly: Inorganic Compounds. 160-172



104	Photocatalyst assemblies with two halide ions. <b>2022</b> , 9, 100090		0
103	Visual classification for sesame oil adulteration detection and quantification of compounds used as adulterants using flavor compounds targeted array sensor in combination with DD-SIMCA and PLS. <b>2022</b> , 357, 131335		1
102	Exploring cyclohexane/piperazine-urea motifs for spherical halide (X = Cl/Br/I) recognition: effects on anion coordination, photoluminescence, and morphological tunability. <b>2021</b> , 23, 7771-7780		1
101	Corroles at work: a small macrocycle for great applications.. <b>2022</b> ,		7
100	Prediction of Carbonate Selectivity of PVC-Plasticized Sensor Membranes with Newly Synthesized Ionophores through QSPR Modeling. <b>2022</b> , 10, 43		0
99	Colorimetric and selective turn-on fluorescent sensor for cyanide via aggregation-induced enhanced emission (AIEE). <b>2022</b> , 76, 1891		0
98	Tetradentate halogen bonding macrocyclic anion receptor inspired by the "Texas-sized" molecular box.. <b>2022</b> ,		0
97	Selective cyanide sensing using a Fe(III) complex of pyridoxal-beta alanine Schiff base.. <b>2022</b> , 273, 120943		4
96	A substituted benzothiazolinic merocyanine derivative as a reversible, selective, colorimetric and fluorescent probe for HSO <sub>4</sub> <sup>-</sup> in aqueous solution. <i>Journal of Molecular Structure</i> , <b>2022</b> , 1255, 132471	3-4	
95	Macrocyclic open-chain carbazole receptors for carboxylate binding.. <b>2022</b> ,		0
94	Paper-based colorimetric sensor for detection of chloride anions in water using an epoxy-silver nanocomposite. <b>2022</b> , 24, 1		0
93	Thiourea- and Amino-substituted Benzoxadiazole Dyes with Large Stokes Shifts as Red-emitting Probe Monomers for Imprinted Polymer Layers Targeting Carboxylate-containing Antibiotics.. <i>Chemistry - A European Journal</i> , <b>2022</b> ,	4.8	1
92	Curcumin Is an Iconic Ligand for Detecting Environmental Pollutants.. <b>2022</b> , 2022, 9248988		1
91	Dynamic Covalent Self-Assembly of Chloride- and Ion-Pair-Templated Cryptates.. <i>Angewandte Chemie - International Edition</i> , <b>2022</b> ,	16.4	1
90	Hierarchical Self-Assembly of Adhesive and Conductive Gels with Anion-Coordinated Triple Helicate Junctions. <i>Angewandte Chemie</i> ,	3.6	
89	Hierarchical Self-Assembly of Adhesive and Conductive Gels with Anion-Coordinated Triple Helicate Junctions.. <i>Angewandte Chemie - International Edition</i> , <b>2022</b> ,	16.4	1
88	Dynamic Covalent Self-Assembly of Chloride- and Ion-Pair-Templated Cryptates. <i>Angewandte Chemie</i> ,	3.6	
87	Hydroxy groups enhance [2]rotaxane anion binding selectivity.. <i>Chemistry - A European Journal</i> , <b>2022</b> ,	4.8	0

86	Solvent and Substituent Effect on Selectivity of Triphenylether-Based Ionophores: A Voltammetric Study. <b>2021</b> , 7, 85		
85	Fluorescent Chemosensors Based on Polyamine Ligands: A Review. <b>2022</b> , 10, 1		4
84	Chiral Triazole Foldamers in Enantioselective Anion-Binding Catalysis. <b>2022</b> , 387-399		
83	Quinoline based thiosemicarbazones as colorimetric chemosensors for fluoride and cyanide ions and DFT studies.. <b>2022</b> , 12, 4927		3
82	Synthesis, characterization and crystal structure of two triethylene glycol derivatives. 1-16		
81	Recent Advances in Thiourea Based Colorimetric and Fluorescent Chemosensors for Detection of Anions and Neutral Analytes: A Review.. <i>Critical Reviews in Analytical Chemistry</i> , <b>2022</b> , 1-17	5.2	7
80	Combinatorial Method for Surface-Confined Sensor Design and Fabrication. <b>2005</b> , 169-188		
79	Data_Sheet_1.docx. <b>2019</b> ,		
78	Data_Sheet_1.docx. <b>2019</b> ,		
77	Halogen Bonding and Chalcogen Bonding Mediated Sensing. <i>Chemical Science</i> ,	9.4	4
76	Fluoride-Selective Chemosensor Based on an Anion Imprinted Fluorescent Polymer. <i>SSRN Electronic Journal</i> ,	1	
75	Colorimetric and theoretical investigation of coumarin based chemosensor for selective detection of fluoride. <i>Journal of Molecular Structure</i> , <b>2022</b> , 133228	3.4	0
74	Anion-guided Stepwise Assembly of High-nuclearity Lanthanide Hydroxide Clusters. <i>Angewandte Chemie</i> ,	3.6	
73	Anion-Guided Stepwise Assembly of High-Nuclearity Lanthanide Hydroxide Clusters.. <i>Angewandte Chemie - International Edition</i> , <b>2022</b> , e202205385	16.4	1
72	A {Zn <sub>4</sub> } cluster as a bi-function luminescence sensor for highly sensitive detection of chloride ion and histidine in aqueous media. <i>Journal of Materials Chemistry C</i> ,	7.1	4
71	Mechanical Bond Enhanced Lithium Halide Ion-Pair Binding by Halogen Bonding Heteroditopic Rotaxanes. <i>Chemistry - A European Journal</i> ,	4.8	0
70	Mediating anion-cation interactions to improve aqueous flow battery electrolytes. <i>Applied Materials Today</i> , <b>2022</b> , 28, 101512	6.6	0
69	Recent progress in metal-based composites toward adsorptive removal of phosphate: Mechanisms, behaviors, and prospects. <i>Chemical Engineering Journal</i> , <b>2022</b> , 446, 137081	14.7	2

68	Efficient pKa Determination in a Nonaqueous Solvent Using Chemical Shift Imaging. <i>Analytical Chemistry</i> ,	7.8	0
67	A bis-heteroleptic imidazolium-bipyridine functionalized iridium(III) complex for fluorescence lifetime-based recognition and sensing of phosphates. <i>Chemistry - an Asian Journal</i> ,	4.5	1
66	Review Lab-in-a-Mouth and Advanced Point-of-Care Sensing Systems: Detecting Bioinformation from the Oral Cavity and Saliva.		4
65	Photoswitchable Ion Receptors. <b>2022</b> , 541-563		
64	Convenient and accurate insight into solution-phase equilibria from FlowNMR titrations. <i>Reaction Chemistry and Engineering</i> ,	4.9	0
63	Towards Anion Recognition and Precipitation with Water-Soluble 1,2,4-Selenodiazolium Salts: Combined Structural and Theoretical Study. <i>International Journal of Molecular Sciences</i> , <b>2022</b> , 23, 6372	6.3	3
62	Bincer-tweezer Tetraimidazolium salts as hosts for halides. <b>2022</b> , 2, 100018		
61	A chemodosimeter for the detection of hydroxide using an anthraquinone-based receptor: Photophysical properties and X-ray crystallography. <i>Journal of Molecular Structure</i> , <b>2022</b> , 133585	3.4	0
60	Achieving Selectivity for Phosphate over Pyrophosphate in Ethanol with Iron(III)-Based Fluorescent Probes. <i>Jacs Au</i> ,		
59	Synthesis, Biological Activities, Antioxidant Properties, and Molecular Docking Studies of Novel Bis-Schiff Base Podands as Responsive Chemosensors for Anions. <i>Journal of Molecular Structure</i> , <b>2022</b> , 1266, 133530	3.4	1
58	Water-soluble Azobenzene-Dicyano Pendant Polymeric Chemosensor for the Colorimetric Detection of Cyanide in 100% Aqueous Media and Food Samples. <i>New Journal of Chemistry</i> ,	3.6	
57	Mannich Reaction: An Alternative Synthetic Approach for Various Pyrrole-Based Anion Receptors and Chelating Ligands. <i>European Journal of Organic Chemistry</i> ,	3.2	0
56	Cross-reactive binding versus selective phosphate sensing in an imine macrocycle sensor. <i>Chem</i> , <b>2022</b> ,	16.2	0
55	Imidazolium-Modified Bispirene-Based Fluorescent Aggregates for Discrimination of Multiple Anions in Aqueous Solution. <i>ACS Applied Materials &amp; Interfaces</i> ,	9.5	0
54	Benzo[ b ]naphtho[1,2- d ]thiophene Sulfoxides: Biomimetic Synthesis, Photophysical Properties, and Applications. <i>Angewandte Chemie</i> ,	3.6	
53	Benzo[ b ]naphtho[1,2- d ]thiophene Sulfoxides: Biomimetic Synthesis, Photophysical Properties, and Applications. <i>Angewandte Chemie - International Edition</i> ,	16.4	0
52	Commercially Available Nitrate Ionophores in Potentiometric Sensors Are Not Superior to Common Ion-Exchangers. <i>Electroanalysis</i> ,	3	
51	Post-Synthesis Conversion of an Unstable Imine Cage to a Stable Cage with Amide Moieties towards Selective Receptor for Fluoride. <i>Chemistry - A European Journal</i> ,	4.8	2

- 50 Fluoride-selective chemosensor based on an anion imprinted fluorescent polymer. *Polyhedron*, **2022**, 225, 116033 2.7
- 49 Fluoride ion coordination-induced turn-on fluorescence of tailored N-methyl N-confused tripyrromonothene analogues.
- 48 Development of fluorophoric [2]pseudorotaxanes and [2]rotaxane: Selective sensing of Zn(II). 1
- 47 Electrochemical Methods for Water Purification, Ion Separations, and Energy Conversion. **2022**, 122, 13547-13635 8
- 46 New Series of MII-dithiocarbamate complexes (M = CuII, NiII and ZnII) holding pendant N,O-Schiff base moieties: Synthesis, characterization, photophysical, crystallographic, anti-microbial and DFT study. **2022**, 121139
- 45 Photometric and Colorimetric Cyanide Detection Sensor Using Amine Based Nitrobenzoxadiazole Derivatives. **2022**, 7,
- 44 Selective colorimetric detection of Cyanide from Agro products and blood plasma by a bio-active Cu(II) complex of azophenine derivative: A potential tool for autopsy investigation. **2022**, 653, 130022 0
- 43 Recognition and mechanistic investigation of anion sensing by ruthenium(ii) arene complexes and bio-imaging application. **2022**, 51, 13071-13084 0
- 42 Synthesis of Hexaphenylbenzene-Based Fluorescent Probes for Detection of Fluoride Ions. 0
- 41 Indazole-Derived Mono-/Diruthenium and Heterotrinary Complexes: Switchable Binding Mode, Electronic Form, and Anion Sensing Events. 0
- 40 Calix[4]pyrrole-Based Molecular Capsule: Dihydrogen Phosphate-Promoted 1:2 Fluoride Anion Complexation. **2022**, 144, 16996-17009 1
- 39 Anion-Coordination-Driven Assembly: From Discrete Supramolecular Self-Assemblies to Functional Soft Materials. 0
- 38 Selective Recognition and Reversible Turn-Off Fluorescence Sensing of Acetate (CH<sub>3</sub>COO<sup>-</sup>) Anion at Ppb Level Using a Simple Quinizarin Fluorescent Dye. **2022**, 4, 1407-1416 0
- 37 Bifunctional Receptor Based on Calix[4]arene with Chromone Groups as An Efficient Colorimetric Sensor for Co<sup>2+</sup>, Cu<sup>2+</sup>, CN<sup>-</sup> and F<sup>-</sup> **2022**, 7, 0
- 36 Dual mode of voltammetric studies on Cu(II) complexes of His<sub>2</sub> peptides: phosphate and peptide sequence recognition. 0
- 35 Design and development of Imidazo[4,5-f][1,10] phenanthroline-Zn (II) based fluorescent probes for specific recognition of ATP with tunable optical responses and probing the enzymatic hydrolysis of ATP by alkaline phosphatase. 0
- 34 Does Charge Influence the Response in Oxyanion Binding Europium(III) Complexes?. 0
- 33 Development of an azo functionalized oligomeric chitosan sensor for rapid visual, spectrophotometric and spectrofluorometric detection of KMnO<sub>4</sub> up to micromolar concentrations. 0

- 32 Structural elucidation of N-amidothiourea derived from nicotinic acid hydrazide: A detailed study of its application as selective anion sensor. **2023**, 5, 100693 ○
- 31 A Molecular Shuttlecock: Hole-Induced Selective Colorimetric Tripodal Receptor for Cyanide. **2022**, 77, 1503-1516 ○
- 30 Real-time Observation of Macroscopic Helical Morphologies under OM: A Curious Case of  $\pi$ -Stacking Driven Molecular Self-assembly of an Organic Gelator Devoid of Hydrogen Bonding. ○
- 29 Tetrel Bonding in Anion Recognition: A First Principles Investigation. **2022**, 27, 8449 1
- 28 Selective Luminescence Turn-On-Based Sensing of Phosphate in the Presence of Other Interfering Anions Using a Heterobimetallic (3d $\pi$ d) MOF with an Acidic Pocket. ○
- 27 Molecular Pincers Using a Combination of N-H and C-H Donors for Anion Binding. **2023**, 24, 163 ○
- 26 Real-time Observation of Macroscopic Helical Morphologies under OM: A Curious Case of  $\pi$ -Stacking Driven Molecular Self-assembly of an Organic Gelator Devoid of Hydrogen Bonding. ○
- 25 Gold Nanoparticles-Based Colorimetric Assays for Environmental Monitoring and Food Safety Evaluation. 1-36 ○
- 24 Cyclo[2]carbazole[2]pyrrole: a preorganized calix[4]pyrrole analogue. ○
- 23 Aryl- and Superaryl-Extended Calix[4]pyrroles: From Syntheses to Potential Applications. **2023**, 381, 1
- 22 Chelating chloride using binuclear lanthanide complexes in water. ○
- 21 An easy-to-use phosphate triggered zinc-azophenine complex assisted metal extrusion assay: A diagnostic approach for chronic kidney disease and in silico docking studies. **2023**, 548, 121364 ○
- 20 Spatially Designed Supramolecular Anion Receptors Based on Pillar[5]arene Scaffolds: Synthesis and Halide Anion Binding Properties. **2023**, 8, 1466-1475 1
- 19 Development and Application of Ruthenium(II) and Iridium(III) Based Complexes for Anion Sensing. **2023**, 28, 1231 ○
- 18 Selective Removal of Sulfate from Water by Precipitation with a Rigid Bis-amidinium Compound. ○
- 17 Selective Removal of Sulfate from Water by Precipitation with a Rigid Bis-amidinium Compound. ○
- 16 Squaramides for colorimetric and fluorescent anion sensing. **2023**, 21, 3226-3234 ○
- 15 A reversible fluorescent-colorimetric malononitrile based novel Schiff-base chemosensor for visual detection of bicarbonate ion in aqueous solution. **2023**, 552, 121491 ○

- 14 A susceptible coordination hybrid based terbium sensibilization coupled ES IPT effects for pattern discrimination of analogues. **2023**, 1247, 340899
- 13 Mamea A/AA (MA) potency as ratiometric absorbance based molecular probe: Cations detection and quantification ability. **2023**, 5, 100811
- 12 Development of coumarin derivatives as fluoride ion sensor. **2023**, 134, 133310
- 11 The role of additives on the interaction behavior of levofloxacin hemihydrate with crown ether: UV-visible spectroscopic and DFT techniques. **2023**, 376, 121431
- 10 Macrocyclic supramolecular biomaterials in anti-cancer therapeutics. **2023**, 108220
- 9 A cycloruthenated 2-phenylimidazole: chromogenic sensor for nitrite in acidic buffer and fluoride in CH<sub>3</sub>CN. **2023**, 47, 4911-4919
- 8 A 12-Connected [Y<sub>4</sub>((β-OH)<sub>4</sub>)<sub>8</sub>+ Cluster-Based Luminescent Metal-Organic Framework for Selective Turn-on Detection of F<sup>-</sup> in H<sub>2</sub>O. **2023**, 28, 1893
- 7 Iridium(III) complex of fluorinated cyclometalating ligands and imidazolium-bipyridine as an effective lifetime based phosphates sensor. **2023**, 550, 121453
- 6 Macrocyclic bisazo-dipyrrolo methane crown ether: synthesis, crystal structure and anions recognition.
- 5 Stimulus-Responsive Mixed-Valence and Related Donor-Acceptor Systems. **2023**, 365-391
- 4 Novel Chalcogen Bond Donors Derived from [3+2] Cycloaddition Reaction between 2-Pyridylselenyl Reagents and Isocyanates: Synthesis, Structures and Theoretical Studies. **2023**, 23, 2018-2023
- 3 Monomeric and dendritic organoiron (I) electron-reservoir complexes: Design, redox activity and applications in biomimetism, material science and nanocatalysis. **2023**, 553, 121528
- 2 Hydrogen-Bonding Receptor substituted BODIPYs as Selective ON-OFF Fluorimetric Sensors for Fluoride Ions in Polar Aprotic Organic Solvents - A Molecular-level Understanding based on Experimental and Theoretical Studies. **2023**, 114780
- 1 The first chrysin-based receptor for anions recognition: Experimental investigations, DFT studies and its in vitro antitumor activity. **2023**, 135637