

Juan Soto

List of Publications by Year in descending order

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210
papers

12,244
citations

20817

60
h-index

30922

102
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226
all docs

226
docs citations

226
times ranked

9176
citing authors

#	ARTICLE	IF	CITATIONS
1	Monofloral honey authentication by voltammetric electronic tongue: A comparison with ¹ H NMR spectroscopy. Food Chemistry, 2022, 383, 132460.	8.2	14
2	Hardened Concrete State Determination System Based on a Stainless Steel Voltammetric Sensor and PCA Analysis. IEEE Sensors Journal, 2022, 22, 12947-12958.	4.7	2
3	Stainless Steel Voltammetric Sensor to Monitor Variations in Oxygen and Humidity Availability in Reinforcement Concrete Structures. Sensors, 2021, 21, 2851.	3.8	6
4	Using an automatic pulse voltammetric electronic tongue to verify the origin of honey from Spain, Honduras, and Mozambique. Journal of the Science of Food and Agriculture, 2020, 100, 212-217.	3.5	18
5	Characterization of electrochemical systems using potential step voltammetry. Part I: Modeling by means of equivalent circuits. Electrochimica Acta, 2019, 323, 134702.	5.2	10
6	PLS multivariate analysis applied to corrosion studies on reinforced concrete. Journal of Chemometrics, 2019, 33, e3096.	1.3	5
7	Monitoring honey adulteration with sugar syrups using an automatic pulse voltammetric electronic tongue. Food Control, 2018, 91, 254-260.	5.5	66
8	11B-MAS NMR approach to the boron adsorption mechanism on a glucose-functionalised mesoporous silica matrix. Microporous and Mesoporous Materials, 2018, 266, 232-241.	4.4	14
9	Quantitative Determination of Spring Water Quality Parameters via Electronic Tongue. Sensors, 2018, 18, 40.	3.8	12
10	A Voltammetric Electronic Tongue for the Quantitative Analysis of Quality Parameters in Wastewater. Electroanalysis, 2017, 29, 1147-1153.	2.9	14
11	Implementation of oligonucleotide-gated supports for the electrochemical detection of Ochratoxin A. Supramolecular Chemistry, 2017, 29, 776-783.	1.2	4
12	Influence of the area and distance between electrodes on resistivity measurements of concrete. Materials and Structures/Materiaux Et Constructions, 2017, 50, 1.	3.1	8
13	Antioxidant activity and physicochemical parameters for the differentiation of honey using a potentiometric electronic tongue. Journal of the Science of Food and Agriculture, 2017, 97, 2215-2222.	3.5	26
14	Monitoring dissolved orthophosphate in a struvite precipitation reactor with a voltammetric electronic tongue. Talanta, 2016, 159, 80-86.	5.5	5
15	Potentiometric thick-film sensors for measuring the pH of concrete. Cement and Concrete Composites, 2016, 68, 66-76.	10.7	20
16	Characterization of embeddable potentiometric thick-film sensors for monitoring chloride penetration in concrete. Sensors and Actuators B: Chemical, 2016, 222, 407-418.	7.8	39
17	Principal component analysis applied to study of carbon steel electrochemical corrosion. Corrosion Engineering Science and Technology, 2015, 50, 320-329.	1.4	0
18	Ceramic foam supported active materials for boron remediation in water. Desalination, 2015, 374, 10-19.	8.2	3

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19	A study of the importance of the cell geometry in non-Faradaic systems. A new definition of the cell constant for conductivity measurement. <i>Electrochimica Acta</i> , 2015, 153, 263-272.	5.2	9
20	Ammonium and Phosphate Quantification in Wastewater by Using a Voltammetric Electronic Tongue. <i>Electroanalysis</i> , 2014, 26, 588-595.	2.9	15
21	A "humid electronic nose" for the detection of nerve agent mimics; a case of selective sensing of DCNP (a Tabun mimic). <i>Sensors and Actuators B: Chemical</i> , 2014, 192, 134-142.	7.8	14
22	Polymer Composites Containing Gated Mesoporous Materials for On-Command Controlled Release. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 6453-6460.	8.0	31
23	An electronic nose for the detection of Sarin, Soman and Tabun mimics and interfering agents. <i>Sensors and Actuators B: Chemical</i> , 2014, 202, 31-37.	7.8	27
24	Monitoring grape ripeness using a voltammetric electronic tongue. <i>Food Research International</i> , 2013, 54, 1369-1375.	6.2	29
25	Fluorogenic detection of Tetryl and TNT explosives using nanoscopic-capped mesoporous hybrid materials. <i>Journal of Materials Chemistry A</i> , 2013, 1, 3561.	10.3	48
26	A humid electronic nose based on pulse voltammetry: A proof-of-concept design. <i>Sensors and Actuators B: Chemical</i> , 2013, 186, 666-673.	7.8	5
27	Quantification of organic acids using voltammetric tongues. <i>Food Chemistry</i> , 2013, 138, 814-820.	8.2	17
28	Tetrathiafulvalene-Capped Hybrid Materials for the Optical Detection of Explosives. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 1538-1543.	8.0	28
29	An Electronic Tongue Designed to Detect Ammonium Nitrate in Aqueous Solutions. <i>Sensors</i> , 2013, 13, 14064-14078.	3.8	16
30	Azo Dyes Functionalized with Alkoxysilyl Ethers as Chemodosimeters for the Chromogenic Detection of the Fluoride Anion. <i>Chemistry - an Asian Journal</i> , 2012, 7, 2040-2044.	3.3	16
31	Antibody-Capped Mesoporous Nanoscopic Materials: Design of a Probe for the Selective Chromo-Fluorogenic Detection of Finasteride. <i>ChemistryOpen</i> , 2012, 1, 251-259.	1.9	24
32	A Novel Humid Electronic Nose Based on Voltammetry. <i>Procedia Engineering</i> , 2012, 47, 941-944.	1.2	0
33	Low-cost materials for boron adsorption from water. <i>Journal of Materials Chemistry</i> , 2012, 22, 25362.	6.7	23
34	Synthesis and evaluation of fluorimetric and colorimetric chemosensors for anions based on (oligo)thienyl-thiosemicarbazones. <i>Tetrahedron</i> , 2012, 68, 7179-7186.	1.9	34
35	A voltammetric electronic tongue as tool for water quality monitoring in wastewater treatment plants. <i>Water Research</i> , 2012, 46, 2605-2614.	11.3	86
36	Design of Enzyme-Mediated Controlled Release Systems Based on Silica Mesoporous Supports Capped with Ester-Glycol Groups. <i>Langmuir</i> , 2012, 28, 14766-14776.	3.5	43

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37	Targeted Cargo Delivery in Senescent Cells Using Capped Mesoporous Silica Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 10556-10560.	13.8	122
38	A Photoactivated Molecular Gate. <i>Chemistry - A European Journal</i> , 2012, 18, 12218-12221.	3.3	35
39	Glyphosate Detection by Means of a Voltammetric Electronic Tongue and Discrimination of Potential Interferents. <i>Sensors</i> , 2012, 12, 17553-17568.	3.8	29
40	Dual Enzyme-Triggered Controlled Release on Capped Nanometric Silica Mesoporous Supports. <i>ChemistryOpen</i> , 2012, 1, 17-20.	1.9	59
41	Synthesis and evaluation of thiosemicarbazones functionalized with furyl moieties as new chemosensors for anion recognition. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 7418.	2.8	52
42	A new selective fluorogenic probe for trivalent cations. <i>Chemical Communications</i> , 2012, 48, 3000.	4.1	246
43	Sensing properties of silica nanoparticles functionalized with anion binding sites and sulforhodamine B as fluorogenic signalling unit. <i>Inorganica Chimica Acta</i> , 2012, 381, 188-194.	2.4	5
44	A method of pulse array design for voltammetric electronic tongues. <i>Sensors and Actuators B: Chemical</i> , 2012, 161, 556-563.	7.8	20
45	Design of an electronic system and its application to electronic tongues using variable amplitude pulse voltammetry and impedance spectroscopy. <i>Journal of Food Engineering</i> , 2012, 111, 122-128.	5.2	32
46	Dyes That Bear Thiazolylazo Groups as Chromogenic Chemosensors for Metal Cations. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 76-84.	2.0	25
47	Squaraine-ship-in-the-bottle: a chromogenic sensing material for the detection of volatile amines and thiols. <i>Journal of Materials Chemistry</i> , 2011, 21, 5004.	6.7	22
48	Selective and sensitive chromo-fluorogenic sensing of anionic surfactants in water using functionalised silica nanoparticles. <i>Chemical Communications</i> , 2011, 47, 6873.	4.1	25
49	Detergents sensing system based on SH-SAW devices. <i>Procedia Engineering</i> , 2011, 25, 1125-1128.	1.2	6
50	Highly selective and sensitive chromo-fluorogenic detection of the Tetryl explosive using functional silica nanoparticles. <i>Chemical Communications</i> , 2011, 47, 11885.	4.1	19
51	Sensitive and Selective Chromogenic Sensing of Carbon Monoxide via Reversible Axial CO Coordination in Binuclear Rhodium Complexes. <i>Journal of the American Chemical Society</i> , 2011, 133, 15762-15772.	13.7	113
52	Silica nanoparticles functionalised with cation coordination sites and fluorophores for the differential sensing of anions in a quencher displacement assay (QDA). <i>Chemical Communications</i> , 2011, 47, 10599.	4.1	20
53	A novel humid electronic nose combined with an electronic tongue for assessing deterioration of wine. <i>Sensors and Actuators A: Physical</i> , 2011, 171, 152-158.	4.1	70
54	Enzyme-Mediated Controlled Release Systems by Anchoring Peptide Sequences on Mesoporous Silica Supports. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 2138-2140.	13.8	197

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55	Finely Tuned Temperatureâ€Controlled Cargo Release Using Paraffinâ€Capped Mesoporous Silica Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 11172-11175.	13.8	143
56	Monitoring of physicalâ€chemical and microbiological changes in fresh pork meat under cold storage by means of a potentiometric electronic tongue. <i>Food Chemistry</i> , 2011, 126, 1261-1268.	8.2	79
57	Selective opening of nanoscopic capped mesoporous inorganic materials with nerve agent simulants; an application to design chromo-fluorogenic probes. <i>Chemical Communications</i> , 2011, 47, 8313.	4.1	40
58	A Label-Free Interdigitated Microelectrodes Immunosensor for Pesticide Detection. <i>Sensor Letters</i> , 2011, 9, 2203-2206.	0.4	5
59	Design of a low-cost non-destructive system for punctual measurements of salt levels in food products using impedance spectroscopy. <i>Sensors and Actuators A: Physical</i> , 2010, 158, 217-223.	4.1	60
60	Use of a Voltammetric Electronic Tongue for Detection and Classification of Nerve Agent Mimics. <i>Electroanalysis</i> , 2010, 22, 1643-1649.	2.9	12
61	Fatty Acid Carboxylateâ€and Anionic Surfactantâ€Controlled Delivery Systems That Use Mesoporous Silica Supports. <i>Chemistry - A European Journal</i> , 2010, 16, 10048-10061.	3.3	15
62	Chromogenic Detection of Nerve Agent Mimics by Mass Transport Control at the Surface of Bifunctionalized Silica Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 5945-5948.	13.8	45
63	Sensitive and Selective Chromogenic Sensing of Carbon Monoxide by Using Binuclear Rhodium Complexes. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 4934-4937.	13.8	99
64	Controlled Delivery Using Oligonucleotideâ€Capped Mesoporous Silica Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 7281-7283.	13.8	234
65	Accurate concentration determination of anions nitrate, nitrite and chloride in minced meat using a voltammetric electronic tongue. <i>Sensors and Actuators B: Chemical</i> , 2010, 149, 71-78.	7.8	69
66	Prediction of NaCl, nitrate and nitrite contents in minced meat by using a voltammetric electronic tongue and an impedimetric sensor. <i>Food Chemistry</i> , 2010, 122, 864-870.	8.2	56
67	A potentiometric electronic tongue to monitor meat freshness. , 2010, , .		3
68	Multi-channel receptors based on thiopyrylium functionalised with macrocyclic receptors for the recognition of transition metal cations and anions. <i>Dalton Transactions</i> , 2010, 39, 3449.	3.3	28
69	A new approach for the selective and sensitive colorimetric detection of ionic surfactants in water. <i>Journal of Materials Chemistry</i> , 2010, 20, 1442-1451.	6.7	20
70	Enzyme-Responsive Intracellular Controlled Release Using Nanometric Silica Mesoporous Supports Capped with â€Saccharidesâ€. <i>ACS Nano</i> , 2010, 4, 6353-6368.	14.6	286
71	Synthesis and Study of the Use of Heterocyclic Thiosemicarbazones As Signaling Scaffolding for the Recognition of Anions. <i>Journal of Organic Chemistry</i> , 2010, 75, 2922-2933.	3.2	67
72	Design and Implementation of a Low-Cost Non-Destructive System for Measurements of Water and Salt Levels in Food Products Using Impedance Spectroscopy. , 2009, , .		0

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73	Selective Chromofluorogenic Sensing of Heparin by using Functionalised Silica Nanoparticles Containing Binding Sites and a Signalling Reporter. Chemistry - A European Journal, 2009, 15, 1816-1820.	3.3	44
74	Borate-Driven Gatelike Scaffolding Using Mesoporous Materials Functionalised with Saccharides. Chemistry - A European Journal, 2009, 15, 6877-6888.	3.3	78
75	Mesoporous Hybrid Materials Containing Nanoscopic "Binding Pockets" for Colorimetric Anion Signaling in Water by using Displacement Assays. Chemistry - A European Journal, 2009, 15, 9024-9033.	3.3	42
76	Efficient Removal of Anionic Surfactants Using Mesoporous Functionalised Hybrid Materials. European Journal of Inorganic Chemistry, 2009, 2009, 3770-3777.	2.0	15
77	Determination of Bisulfites in Wines with an Electronic Tongue Based on Pulse Voltammetry. Electroanalysis, 2009, 21, 612-617.	2.9	24
78	Enzyme-Responsive Controlled Release Using Mesoporous Silica Supports Capped with Lactose. Angewandte Chemie - International Edition, 2009, 48, 5884-5887.	13.8	236
79	The Determination of Methylmercury in Real Samples Using Organically Capped Mesoporous Inorganic Materials Capable of Signal Amplification. Angewandte Chemie - International Edition, 2009, 48, 8519-8522.	13.8	123
80	Use of a voltammetric electronic tongue for predicting levels of nerve agent mimics. Procedia Chemistry, 2009, 1, 325-328.	0.7	6
81	Hg ²⁺ and Cu ²⁺ selective detection using a dual channel receptor based on thiopyrylium scaffoldings. Tetrahedron Letters, 2009, 50, 3885-3888.	1.4	44
82	An electronic tongue for qualitative and quantitative analyses of anions in natural waters. Journal of Applied Electrochemistry, 2009, 39, 2505-2511.	2.9	14
83	pH- and Photo-Switched Release of Guest Molecules from Mesoporous Silica Supports. Journal of the American Chemical Society, 2009, 131, 6833-6843.	13.7	367
84	Controlled Delivery Systems Using Antibody-Capped Mesoporous Nanocontainers. Journal of the American Chemical Society, 2009, 131, 14075-14080.	13.7	235
85	Surfactant-assisted chromogenic sensing of cyanide in water. New Journal of Chemistry, 2009, 33, 1641.	2.8	64
86	Colorimetric sensing of pyrophosphate in aqueous media using bis-functionalised silica surfaces. Dalton Transactions, 2009, , 4806.	3.3	21
87	Discrimination between "amino acids with chromogenic acyclic tripodal receptors functionalized with stilbazolium dyes. Tetrahedron Letters, 2008, 49, 1997-2001.	1.4	17
88	An electronic tongue for fish freshness analysis using a thick-film array of electrodes. Mikrochimica Acta, 2008, 163, 121-129.	5.0	67
89	Squaraines as Reporter Units: Insights into their Photophysics, Protonation, and Metal-Ion Coordination Behaviour. Chemistry - A European Journal, 2008, 14, 10101-10114.	3.3	66
90	A Mesoporous 3D Hybrid Material with Dual Functionality for Hg ²⁺ Detection and Adsorption. Chemistry - A European Journal, 2008, 14, 8267-8278.	3.3	123

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91	Synthesis, Characterisation and Optical Properties of Silica Nanoparticles Coated with Anthracene Fluorophore and Thiourea Hydrogen-Bonding Subunits. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 5649-5658.	2.0	14
92	A model for the assessment of interfering processes in Faradic electrodes. <i>Sensors and Actuators A: Physical</i> , 2008, 142, 56-60.	4.1	17
93	Fish freshness analysis using metallic potentiometric electrodes. <i>Sensors and Actuators B: Chemical</i> , 2008, 131, 362-370.	7.8	79
94	Freshness monitoring of sea bream (<i>Sparus aurata</i>) with a potentiometric sensor. <i>Food Chemistry</i> , 2008, 108, 681-688.	8.2	86
95	Controlled release of vitamin B2 using mesoporous materials functionalized with amine-bearing gate-like scaffoldings. <i>Journal of Controlled Release</i> , 2008, 131, 181-189.	9.9	101
96	Hybrid materials with nanoscopic anion-binding pockets for the colorimetric sensing of phosphate in water using displacement assays. <i>Chemical Communications</i> , 2008, , 3639.	4.1	35
97	Chromo-fluorogenic sensing of pyrophosphate in aqueous media using silica functionalised with binding and reactive units. <i>Chemical Communications</i> , 2008, , 6531.	4.1	28
98	Ion-selective electrodes for anionic surfactants using a cyclam derivative as ionophore. <i>Talanta</i> , 2008, 75, 317-325.	5.5	37
99	Chromogenic silica nanoparticles for the colorimetric sensing of long-chain carboxylates. <i>Chemical Communications</i> , 2008, , 1668.	4.1	33
100	Dual Aperture Control on pH- and Anion-Driven Supramolecular Nanoscopic Hybrid Gate-like Ensembles. <i>Journal of the American Chemical Society</i> , 2008, 130, 1903-1917.	13.7	220
101	Analysis of Fish Freshness by Using Metallic Potentiometric Electrodes. , 2007, , .		4
102	A new ion-selective electrode for anionic surfactants. <i>Talanta</i> , 2007, 71, 333-338.	5.5	54
103	Chromogenic Signaling of Hydrogen Carbonate Anion with Pyrylium-Containing Polymers. <i>Organic Letters</i> , 2007, 9, 2429-2432.	4.6	37
104	Nanoscopic hybrid systems with a polarity-controlled gate-like scaffolding for the colorimetric signalling of long-chain carboxylates. <i>Chemical Communications</i> , 2007, , 1957-1959.	4.1	80
105	Ditopic N-Crowned 4-(p-Aminophenyl)-2,6-diphenylpyridines:Â Implications of Macrocycle Topology on the Spectroscopic Properties, Cation Complexation, and Differential Anion Responses. <i>Inorganic Chemistry</i> , 2007, 46, 3123-3135.	4.0	48
106	A Simple Approach for the Selective and Sensitive Colorimetric Detection of Anionic Surfactants in Water. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 1675-1678.	13.8	106
107	Photochemical and Chemical Two-Channel Control of Functional Nanogated Hybrid Architectures. <i>Advanced Materials</i> , 2007, 19, 2228-2231.	21.0	160
108	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> , 2007, 2007, 2449-2458.	2.4	61

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109	An electrochemical characterization of thick-film electrodes based on RuO ₂ -containing resistive pastes. <i>Journal of Electroanalytical Chemistry</i> , 2007, 611, 175-180.	3.8	19
110	Sensory hybrid host materials for the selective chromo-fluorogenic detection of biogenic amines. <i>Chemical Communications</i> , 2006, , 2239-2241.	4.1	72
111	Linear polyamines as carriers in thiocyanate-selective membrane electrodes. <i>Talanta</i> , 2006, 68, 1182-1189.	5.5	23
112	Electronic Tongue for Qualitative Analysis of Aqueous Solutions of Salts Using Thick-film Technology and Metal Electrodes. <i>Sensors</i> , 2006, 6, 1128-1138.	3.8	15
113	An Ion-selective Electrode for Anion Perchlorate in Thick-film Technology. <i>Sensors</i> , 2006, 6, 480-491.	3.8	11
114	Naphthoquinone derivatives as receptors for the chromogenic sensing of metal cations and anions. <i>Polyhedron</i> , 2006, 25, 1585-1591.	2.2	14
115	Introduction of a model for describing the redox potential in faradic electrodes. <i>Journal of Electroanalytical Chemistry</i> , 2006, 594, 96-104.	3.8	13
116	Anchoring Dyes into Multidimensional Large-Pore Zeolites: A Prospective Use as Chromogenic Sensing Materials. <i>Chemistry - A European Journal</i> , 2006, 12, 2162-2170.	3.3	48
117	New Methods for Anion Recognition and Signaling Using Nanoscopic Gatelike Scaffoldings. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 6661-6664.	13.8	107
118	A Prospective Study of the Use of the [Os(tpy) ₂] ²⁺ (tpy = 2,2',6'-terpyridine) Core as Signalling Scaffolding for the Development of Chemical Sensors. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 2647-2655.	2.0	16
119	A multisensor in thick-film technology for water quality control. <i>Sensors and Actuators A: Physical</i> , 2005, 120, 589-595.	4.1	85
120	An "electronic tongue" design for the qualitative analysis of natural waters. <i>Sensors and Actuators B: Chemical</i> , 2005, 104, 302-307.	7.8	128
121	Rational Design of a Chromo- and Fluorogenic Hybrid Chemosensor Material for the Detection of Long-Chain Carboxylates. <i>Journal of the American Chemical Society</i> , 2005, 127, 184-200.	13.7	253
122	Multi-Channel Receptors and Their Relation to Guest Chemosensing and Reconfigurable Molecular Logic Gates. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 2393-2403.	2.0	72
123	Host Solids Containing Nanoscale Anion-Binding Pockets and Their Use in Selective Sensing Displacement Assays. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 2918-2922.	13.8	88
124	A Regenerative Chemodosimeter Based on Metal-Induced Dye Formation for the Highly Selective and Sensitive Optical Determination of Hg ²⁺ Ions. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 4405-4407.	13.8	351
125	N-Methyl,N-(propyl-3-trimethoxysilyl) Aniline (III), an Intermediate for Anchoring Dyes on Siliceous Supports.. <i>ChemInform</i> , 2005, 36, no.	0.0	0
126	N-Methyl,N-(propyl-3-trimethoxysilyl) Aniline, an Intermediate for Anchoring Dyes on Siliceous Supports. <i>Synthetic Communications</i> , 2005, 35, 1511-1516.	2.1	2

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127	Anthrylmethylamine functionalised mesoporous silica-based materials as hybrid fluorescent chemosensors for ATP. <i>Journal of Materials Chemistry</i> , 2005, 15, 2721.	6.7	90
128	Ionic liquids promote selective responses towards the highly hydrophilic anion sulfate in PVC membrane ion-selective electrodes. <i>Chemical Communications</i> , 2005, , 3033.	4.1	64
129	Subphthalocyanines as fluoro-chromogenic probes for anions and their application to the highly selective and sensitive cyanide detection. <i>Chemical Communications</i> , 2005, , 5260.	4.1	147
130	Colorimetric Signaling of Large Aromatic Hydrocarbons via the Enhancement of Aggregation Processes. <i>Organic Letters</i> , 2005, 7, 2337-2339.	4.6	26
131	Pyrylium-containing polymers as sensory materials for the colorimetric sensing of cyanide in water. <i>Chemical Communications</i> , 2005, , 2790.	4.1	175
132	Chromogenic Discrimination of Primary Aliphatic Amines in Water with Functionalized Mesoporous Silica. <i>Advanced Materials</i> , 2004, 16, 1783-1786.	21.0	124
133	Electro-optical triple-channel sensing of metal cations via multiple signalling patterns. <i>Tetrahedron Letters</i> , 2004, 45, 1257-1259.	1.4	89
134	New membrane perchlorate-selective electrodes containing polyazacycloalkanes as carriers. <i>Sensors and Actuators B: Chemical</i> , 2004, 101, 20-27.	7.8	27
135	New potentiometric dissolved oxygen sensors in thick film technology. <i>Sensors and Actuators B: Chemical</i> , 2004, 101, 295-301.	7.8	46
136	Ion-selective electrodes for anionic surfactants using a new aza-oxa-cycloalkane as active ionophore. <i>Analytica Chimica Acta</i> , 2004, 525, 83-90.	5.4	42
137	Coordinative and electrostatic forces in action: from the design of differential chromogenic anion sensors to selective carboxylate recognition. <i>Chemical Communications</i> , 2004, , 774-775.	4.1	21
138	Efficient boron removal by using mesoporous matrices grafted with saccharides. <i>Chemical Communications</i> , 2004, , 2198-2199.	4.1	37
139	Squaraines as Fluoro- π -Chromogenic Probes for Thiol-Containing Compounds and Their Application to the Detection of Biorelevant Thiols. <i>Journal of the American Chemical Society</i> , 2004, 126, 4064-4065.	13.7	318
140	Highly Selective Chromogenic Signaling of Hg ²⁺ in Aqueous Media at Nanomolar Levels Employing a Squaraine-Based Reporter. <i>Inorganic Chemistry</i> , 2004, 43, 5183-5185.	4.0	147
141	Toward the Development of Ionically Controlled Nanoscopic Molecular Gates. <i>Journal of the American Chemical Society</i> , 2004, 126, 8612-8613.	13.7	225
142	A Fluorescent Chemosensor Able to Distinguish between Ionic and Covalent Mercury Compounds. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2003, 46, 121-124.	1.6	3
143	Towards the Development of Colorimetric Probes to Discriminate between Isomeric Dicarboxylates. <i>Angewandte Chemie</i> , 2003, 115, 671-674.	2.0	24
144	A Selective Chromogenic Reagent for Cyanide Determination.. <i>ChemInform</i> , 2003, 34, no.	0.0	0

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145	Towards the Development of Colorimetric Probes to Discriminate between Isomeric Dicarboxylates. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 647-650.	13.8	142
146	A New Chromo-chemodosimeter Selective for Sulfide Anion. <i>Journal of the American Chemical Society</i> , 2003, 125, 9000-9001.	13.7	338
147	Coupling Selectivity with Sensitivity in an Integrated Chemosensor Framework: A Design of a Hg ²⁺ -Responsive Probe, Operating above 500 nm. <i>Journal of the American Chemical Society</i> , 2003, 125, 3418-3419.	13.7	305
148	A new method for fluoride determination by using fluorophores and dyes anchored onto MCM-41. Electronic supplementary information (ESI) available: IR spectra, SEM images, X-ray diffraction patterns and TG/TD analysis. See http://www.rsc.org/suppdata/cc/b1/b111128k/ . <i>Chemical Communications</i> , 2002, , 562-563.	4.1	80
149	A selective chromogenic reagent for cyanide determination. <i>Chemical Communications</i> , 2002, , 2248-2249.	4.1	218
150	4,4'-Bis(dimethylamino)biphenyl containing binding sites. A new fluorescent subunit for cation sensing. <i>Dalton Transactions RSC</i> , 2002, , 1769-1775.	2.3	36
151	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. <i>Analyst</i> , 2002, 127, 387.	3.5	22
152	A Selective Chromogenic Reagent for Nitrate. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 1416-1419.	13.8	110
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