

Juan Soto

List of Publications by Year in descending order

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210
papers

12,244
citations

20759

60
h-index

30848

102
g-index

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. <i>Food Chemistry</i> , 2022, 383, 132460.	4.2	14
2	Hardened Concrete State Determination System Based on a Stainless Steel Voltammetric Sensor and PCA Analysis. <i>IEEE Sensors Journal</i> , 2022, 22, 12947-12958.	2.4	2
3	Stainless Steel Voltammetric Sensor to Monitor Variations in Oxygen and Humidity Availability in Reinforcement Concrete Structures. <i>Sensors</i> , 2021, 21, 2851.	2.1	6
4	Using an automatic pulse voltammetric electronic tongue to verify the origin of honey from Spain, Honduras, and Mozambique. <i>Journal of the Science of Food and Agriculture</i> , 2020, 100, 212-217.	1.7	18
5	Characterization of electrochemical systems using potential step voltammetry. Part I: Modeling by means of equivalent circuits. <i>Electrochimica Acta</i> , 2019, 323, 134702.	2.6	10
6	PLS multivariate analysis applied to corrosion studies on reinforced concrete. <i>Journal of Chemometrics</i> , 2019, 33, e3096.	0.7	5
7	Monitoring honey adulteration with sugar syrups using an automatic pulse voltammetric electronic tongue. <i>Food Control</i> , 2018, 91, 254-260.	2.8	66
8	¹¹ B-MAS NMR approach to the boron adsorption mechanism on a glucose-functionalised mesoporous silica matrix. <i>Microporous and Mesoporous Materials</i> , 2018, 266, 232-241.	2.2	14
9	Quantitative Determination of Spring Water Quality Parameters via Electronic Tongue. <i>Sensors</i> , 2018, 18, 40.	2.1	12
10	A Voltammetric Electronic Tongue for the Quantitative Analysis of Quality Parameters in Wastewater. <i>Electroanalysis</i> , 2017, 29, 1147-1153.	1.5	14
11	Implementation of oligonucleotide-gated supports for the electrochemical detection of Ochratoxin A. <i>Supramolecular Chemistry</i> , 2017, 29, 776-783.	1.5	4
12	Influence of the area and distance between electrodes on resistivity measurements of concrete. <i>Materials and Structures/Materiaux Et Constructions</i> , 2017, 50, 1.	1.3	8
13	Antioxidant activity and physicochemical parameters for the differentiation of honey using a potentiometric electronic tongue. <i>Journal of the Science of Food and Agriculture</i> , 2017, 97, 2215-2222.	1.7	26
14	Monitoring dissolved orthophosphate in a struvite precipitation reactor with a voltammetric electronic tongue. <i>Talanta</i> , 2016, 159, 80-86.	2.9	5
15	Potentiometric thick-film sensors for measuring the pH of concrete. <i>Cement and Concrete Composites</i> , 2016, 68, 66-76.	4.6	20
16	Characterization of embeddable potentiometric thick-film sensors for monitoring chloride penetration in concrete. <i>Sensors and Actuators B: Chemical</i> , 2016, 222, 407-418.	4.0	39
17	Principal component analysis applied to study of carbon steel electrochemical corrosion. <i>Corrosion Engineering Science and Technology</i> , 2015, 50, 320-329.	0.7	0
18	Ceramic foam supported active materials for boron remediation in water. <i>Desalination</i> , 2015, 374, 10-19.	4.0	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.	2.6	9
20	Ammonium and Phosphate Quantification in Wastewater by Using a Voltammetric Electronic Tongue. <i>Electroanalysis</i> , 2014, 26, 588-595.	1.5	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.	4.0	14
22	Polymer Composites Containing Gated Mesoporous Materials for On-Command Controlled Release. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 6453-6460.	4.0	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.	4.0	27
24	Monitoring grape ripeness using a voltammetric electronic tongue. <i>Food Research International</i> , 2013, 54, 1369-1375.	2.9	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.	5.2	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.	4.0	5
27	Quantification of organic acids using voltammetric tongues. <i>Food Chemistry</i> , 2013, 138, 814-820.	4.2	17
28	Tetrathiafulvalene-Capped Hybrid Materials for the Optical Detection of Explosives. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 1538-1543.	4.0	28
29	An Electronic Tongue Designed to Detect Ammonium Nitrate in Aqueous Solutions. <i>Sensors</i> , 2013, 13, 14064-14078.	2.1	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.	1.7	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.	0.9	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.	1.0	34
35	A voltammetric electronic tongue as tool for water quality monitoring in wastewater treatment plants. <i>Water Research</i> , 2012, 46, 2605-2614.	5.3	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.	1.6	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.	7.2	122
38	A Photoactivated Molecular Gate. <i>Chemistry - A European Journal</i> , 2012, 18, 12218-12221.	1.7	35
39	Glyphosate Detection by Means of a Voltammetric Electronic Tongue and Discrimination of Potential Interferents. <i>Sensors</i> , 2012, 12, 17553-17568.	2.1	29
40	Dual Enzyme-Triggered Controlled Release on Capped Nanometric Silica Mesoporous Supports. <i>ChemistryOpen</i> , 2012, 1, 17-20.	0.9	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.	1.5	52
42	A new selective fluorogenic probe for trivalent cations. <i>Chemical Communications</i> , 2012, 48, 3000.	2.2	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.	1.2	5
44	A method of pulse array design for voltammetric electronic tongues. <i>Sensors and Actuators B: Chemical</i> , 2012, 161, 556-563.	4.0	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.	2.7	32
46	Dyes That Bear Thiazolylazo Groups as Chromogenic Chemosensors for Metal Cations. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 76-84.	1.0	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.	2.2	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.	2.2	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.	6.6	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.	2.2	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.	2.0	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.	7.2	197

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55	Finely Tuned Temperature- Controlled Cargo Release Using Paraffin- Capped Mesoporous Silica Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 11172-11175.	7.2	143
56	Monitoring of physical- 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.	4.2	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.	2.2	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.	2.0	60
60	Use of a Voltammetric Electronic Tongue for Detection and Classification of Nerve Agent Mimics. <i>Electroanalysis</i> , 2010, 22, 1643-1649.	1.5	12
61	Fatty Acid Carboxylate- and Anionic Surfactant- Controlled Delivery Systems That Use Mesoporous Silica Supports. <i>Chemistry - A European Journal</i> , 2010, 16, 10048-10061.	1.7	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.	7.2	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.	7.2	99
64	Controlled Delivery Using Oligonucleotide- Capped Mesoporous Silica Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 7281-7283.	7.2	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.	4.0	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.	4.2	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.	1.6	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 - Saccharides- . <i>ACS Nano</i> , 2010, 4, 6353-6368.	7.3	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.	1.7	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. <i>Chemistry - A European Journal</i> , 2009, 15, 1816-1820.	1.7	44
74	Borate-Driven Gatelike Scaffolding Using Mesoporous Materials Functionalised with Saccharides. <i>Chemistry - A European Journal</i> , 2009, 15, 6877-6888.	1.7	78
75	Mesoporous Hybrid Materials Containing Nanoscopic "Binding Pockets" for Colorimetric Anion Signaling in Water by using Displacement Assays. <i>Chemistry - A European Journal</i> , 2009, 15, 9024-9033.	1.7	42
76	Efficient Removal of Anionic Surfactants Using Mesoporous Functionalised Hybrid Materials. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 3770-3777.	1.0	15
77	Determination of Bisulfites in Wines with an Electronic Tongue Based on Pulse Voltammetry. <i>Electroanalysis</i> , 2009, 21, 612-617.	1.5	24
78	Enzyme-Responsive Controlled Release Using Mesoporous Silica Supports Capped with Lactose. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 5884-5887.	7.2	236
79	The Determination of Methylmercury in Real Samples Using Organically Capped Mesoporous Inorganic Materials Capable of Signal Amplification. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 8519-8522.	7.2	123
80	Use of a voltammetric electronic tongue for predicting levels of nerve agent mimics. <i>Procedia Chemistry</i> , 2009, 1, 325-328.	0.7	6
81	Hg ²⁺ and Cu ²⁺ selective detection using a dual channel receptor based on thiopyrylium scaffoldings. <i>Tetrahedron Letters</i> , 2009, 50, 3885-3888.	0.7	44
82	An electronic tongue for qualitative and quantitative analyses of anions in natural waters. <i>Journal of Applied Electrochemistry</i> , 2009, 39, 2505-2511.	1.5	14
83	pH- and Photo-Switched Release of Guest Molecules from Mesoporous Silica Supports. <i>Journal of the American Chemical Society</i> , 2009, 131, 6833-6843.	6.6	367
84	Controlled Delivery Systems Using Antibody-Capped Mesoporous Nanocontainers. <i>Journal of the American Chemical Society</i> , 2009, 131, 14075-14080.	6.6	235
85	Surfactant-assisted chromogenic sensing of cyanide in water. <i>New Journal of Chemistry</i> , 2009, 33, 1641.	1.4	64
86	Colorimetric sensing of pyrophosphate in aqueous media using bis-functionalised silica surfaces. <i>Dalton Transactions</i> , 2009, , 4806.	1.6	21
87	Discrimination between L-amino acids with chromogenic acyclic tripodal receptors functionalized with stilbazolium dyes. <i>Tetrahedron Letters</i> , 2008, 49, 1997-2001.	0.7	17
88	An electronic tongue for fish freshness analysis using a thick-film array of electrodes. <i>Mikrochimica Acta</i> , 2008, 163, 121-129.	2.5	67
89	Squaraines as Reporter Units: Insights into their Photophysics, Protonation, and Metal Ion Coordination Behaviour. <i>Chemistry - A European Journal</i> , 2008, 14, 10101-10114.	1.7	66
90	A Mesoporous 3D Hybrid Material with Dual Functionality for Hg ²⁺ Detection and Adsorption. <i>Chemistry - A European Journal</i> , 2008, 14, 8267-8278.	1.7	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.	1.0	14
92	A model for the assessment of interfering processes in Faradic electrodes. <i>Sensors and Actuators A: Physical</i> , 2008, 142, 56-60.	2.0	17
93	Fish freshness analysis using metallic potentiometric electrodes. <i>Sensors and Actuators B: Chemical</i> , 2008, 131, 362-370.	4.0	79
94	Freshness monitoring of sea bream (<i>Sparus aurata</i>) with a potentiometric sensor. <i>Food Chemistry</i> , 2008, 108, 681-688.	4.2	86
95	Controlled release of vitamin B2 using mesoporous materials functionalized with amine-bearing gate-like scaffolds. <i>Journal of Controlled Release</i> , 2008, 131, 181-189.	4.8	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.	2.2	35
97	Chromo-fluorogenic sensing of pyrophosphate in aqueous media using silica functionalised with binding and reactive units. <i>Chemical Communications</i> , 2008, , 6531.	2.2	28
98	Ion-selective electrodes for anionic surfactants using a cyclam derivative as ionophore. <i>Talanta</i> , 2008, 75, 317-325.	2.9	37
99	Chromogenic silica nanoparticles for the colorimetric sensing of long-chain carboxylates. <i>Chemical Communications</i> , 2008, , 1668.	2.2	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.	6.6	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.	2.9	54
103	Chromogenic Signaling of Hydrogen Carbonate Anion with Pyrylium-Containing Polymers. <i>Organic Letters</i> , 2007, 9, 2429-2432.	2.4	37
104	Nanoscopical hybrid systems with a polarity-controlled gate-like scaffolding for the colorimetric signalling of long-chain carboxylates. <i>Chemical Communications</i> , 2007, , 1957-1959.	2.2	80
105	Ditopic N-Crowned 4-(p-Aminophenyl)-2,6-diphenylpyridines: Implications of Macrocyclic Topology on the Spectroscopic Properties, Cation Complexation, and Differential Anion Responses. <i>Inorganic Chemistry</i> , 2007, 46, 3123-3135.	1.9	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.	7.2	106
107	Photochemical and Chemical Two-Channel Control of Functional Nanogated Hybrid Architectures. <i>Advanced Materials</i> , 2007, 19, 2228-2231.	11.1	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.	1.2	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.	1.9	19
110	Sensory hybrid host materials for the selective chromo-fluorogenic detection of biogenic amines. <i>Chemical Communications</i> , 2006, , 2239-2241.	2.2	72
111	Linear polyamines as carriers in thiocyanate-selective membrane electrodes. <i>Talanta</i> , 2006, 68, 1182-1189.	2.9	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.	2.1	15
113	An Ion-selective Electrode for Anion Perchlorate in Thick-film Technology. <i>Sensors</i> , 2006, 6, 480-491.	2.1	11
114	Naphthoquinone derivatives as receptors for the chromogenic sensing of metal cations and anions. <i>Polyhedron</i> , 2006, 25, 1585-1591.	1.0	14
115	Introduction of a model for describing the redox potential in faradic electrodes. <i>Journal of Electroanalytical Chemistry</i> , 2006, 594, 96-104.	1.9	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.	1.7	48
117	New Methods for Anion Recognition and Signaling Using Nanoscopic Gatelike Scaffoldings. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 6661-6664.	7.2	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.	1.0	16
119	A multisensor in thick-film technology for water quality control. <i>Sensors and Actuators A: Physical</i> , 2005, 120, 589-595.	2.0	85
120	An "electronic tongue" design for the qualitative analysis of natural waters. <i>Sensors and Actuators B: Chemical</i> , 2005, 104, 302-307.	4.0	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.	6.6	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.	1.0	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.	7.2	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.	7.2	351
125	N-Methyl,N-(propyl-3-trimethoxysilyl) Aniline (III), an Intermediate for Anchoring Dyes on Siliceous Supports.. <i>ChemInform</i> , 2005, 36, no.	0.1	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.	1.1	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.	2.2	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.	2.2	147
130	Colorimetric Signaling of Large Aromatic Hydrocarbons via the Enhancement of Aggregation Processes. <i>Organic Letters</i> , 2005, 7, 2337-2339.	2.4	26
131	Pyrylium-containing polymers as sensory materials for the colorimetric sensing of cyanide in water. <i>Chemical Communications</i> , 2005, , 2790.	2.2	175
132	Chromogenic Discrimination of Primary Aliphatic Amines in Water with Functionalized Mesoporous Silica. <i>Advanced Materials</i> , 2004, 16, 1783-1786.	11.1	124
133	Electro-optical triple-channel sensing of metal cations via multiple signalling patterns. <i>Tetrahedron Letters</i> , 2004, 45, 1257-1259.	0.7	89
134	New membrane perchlorate-selective electrodes containing polyazacycloalkanes as carriers. <i>Sensors and Actuators B: Chemical</i> , 2004, 101, 20-27.	4.0	27
135	New potentiometric dissolved oxygen sensors in thick film technology. <i>Sensors and Actuators B: Chemical</i> , 2004, 101, 295-301.	4.0	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.	2.6	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.	2.2	21
138	Efficient boron removal by using mesoporous matrices grafted with saccharides. <i>Chemical Communications</i> , 2004, , 2198-2199.	2.2	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.	6.6	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.	1.9	147
141	Toward the Development of Ionically Controlled Nanoscopic Molecular Gates. <i>Journal of the American Chemical Society</i> , 2004, 126, 8612-8613.	6.6	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.	1.6	24
144	A Selective Chromogenic Reagent for Cyanide Determination.. <i>ChemInform</i> , 2003, 34, no.	0.1	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.	7.2	142
146	A New Chromo-chemodosimeter Selective for Sulfide Anion. <i>Journal of the American Chemical Society</i> , 2003, 125, 9000-9001.	6.6	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.	6.6	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.	2.2	80
149	A selective chromogenic reagent for cyanide determination. <i>Chemical Communications</i> , 2002, , 2248-2249.	2.2	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.	1.7	22
152	A Selective Chromogenic Reagent for Nitrate. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 1416-1419.	7.2	110
153	Difunctionalised Chemosensors Containing Electroactive and Fluorescent Signalling Subunits. <i>European Journal of Inorganic Chemistry</i> , 2002, 2002, 866-875.	1.0	53
154	ATP Sensing with Anthryl-Functionalized Open-Chain Polyaza-alkanes. <i>Helvetica Chimica Acta</i> , 2002, 85, 1505.	1.0	27
155	Open-chain polyazaalkanes functionalised with pyrene groups as sensing fluorogenic receptors for metal ions. <i>Polyhedron</i> , 2002, 21, 1397-1404.	1.0	22
156	Selective fluoride sensing using colorimetric reagents containing anthraquinone and urea or thiourea binding sites. <i>Tetrahedron Letters</i> , 2002, 43, 2823-2825.	0.7	156
157	Cobalt(II) and nickel(II) complexes of a cyclam derivative as carriers in iodide-selective electrodes. <i>Analytica Chimica Acta</i> , 2002, 459, 229-234.	2.6	38
158	Title is missing!. <i>Transition Metal Chemistry</i> , 2002, 27, 307-310.	0.7	3
159	1,3,5-Triarylpent-2-en-1,5-diones for the colorimetric sensing of the mercuric cation. <i>Chemical Communications</i> , 2001, , 2262.	2.2	60
160	An electrochemical study in acetonitrile of macrocyclic or open-chain ferrocene-containing oxa-aza or polyaza receptors in the presence of protons, metal cations and anions. <i>Journal of Organometallic Chemistry</i> , 2001, 637-639, 151-158.	0.8	28
161	Colourimetric detection of Hg ²⁺ by a chromogenic reagent based on methyl orange and open-chain polyazaalkanes. <i>Tetrahedron Letters</i> , 2001, 42, 4321-4323.	0.7	30
162	ATP Recognition Through a Fluorescence Change in a Multicomponent Dinuclear System Containing a Ru(Tpy) ₂ ²⁺ Fluorescent Core and a Cyclam-Cu ²⁺ Complex. <i>European Journal of Inorganic Chemistry</i> , 2001, 2001, 1221-1226.	1.0	36

#	ARTICLE	IF	CITATIONS
163	Co ²⁺ Translocation in a Terpyridine~Cyclam Ditopic Receptor. <i>European Journal of Inorganic Chemistry</i> , 2001, 2001, 1227-1234.	1.0	6
164	Fluorescent Chemosensors for Heavy Metal Ions Based on Bis(terpyridyl) Ruthenium(II) Complexes Containing Aza-Oxa and Polyaza Macrocycles. <i>European Journal of Inorganic Chemistry</i> , 2001, 2001, 1475-1482.	1.0	38
165	Ferrocene~Cyclam: A Redox-Active Macrocycle for the Complexation of Transition Metal Ions and a Study on the Influence of the Relative Permittivity on the Coulombic Interaction between Metal Cations. <i>Chemistry - A European Journal</i> , 2001, 7, 2848-2861.	1.7	73
166	A Colorimetric ATP Sensor Based on 1,3,5-Triaryl-pent-2-en-1,5-diones. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 2640-2643.	7.2	171
167	Quality control in the secretory assembly line. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2001, 356, 147-150.	1.8	52
168	Bis(terpyridyl)-Ruthenium(II) Units Attached to Polyazacycloalkanes as Sensing Fluorescent Receptors For Transition Metal Ions. <i>European Journal of Inorganic Chemistry</i> , 2000, 2000, 741-748.	1.0	55
169	Cu ²⁺ -cyclam complex functionalised with naphthylmethyl fluorescent signalling subunits as fluorescent chemosensors for sulfate in aqueous environment.. <i>Inorganic Chemistry Communication</i> , 2000, 3, 563-565.	1.8	8
170	A fluorescent chemosensor based on a ruthenium(II)-terpyridine core containing peripheral amino groups that selectively sense ATP in an aqueous environment. <i>Inorganic Chemistry Communication</i> , 2000, 3, 45-48.	1.8	32
171	Aza~oxa macrocyclic ligands functionalised with naphthylmethyl fluorescent groups. <i>Polyhedron</i> , 2000, 19, 1867-1872.	1.0	3
172	Anion interaction with ferrocene-functionalised cyclic and open-chain polyaza and aza-oxa cycloalkanes. <i>Dalton Transactions RSC</i> , 2000, , 1805-1812.	2.3	56
173	Polyaza and aza-oxa macrocyclic receptors functionalised with fluorescent subunits; Hg ²⁺ selective signalling. <i>Dalton Transactions RSC</i> , 2000, , 1199-1205.	2.3	41
174	Synthesis, solution and electrochemical behaviour of new aza-crown ethers derived from biphenyl. <i>Dalton Transactions RSC</i> , 2000, , 361-367.	2.3	14
175	Bis(terpyridyl)-Ruthenium(II) Units Attached to Polyazacycloalkanes as Sensing Fluorescent Receptors For Transition Metal Ions. <i>European Journal of Inorganic Chemistry</i> , 2000, 2000, 741-748.	1.0	1
176	Transition metal binding properties of the redox-active 1,4,7,10,13,16-hexa(ferrocenylmethyl)-1,4,7,10,13,16-hexaazacyclooctadecane and its electrochemical behaviour in a non-aqueous solvent. <i>Polyhedron</i> , 1999, 18, 3689-3694.	1.0	7
177	Redox-active aza-crown ethers derived from biphenyl. electrochemical and solution studies of complexation. <i>Tetrahedron</i> , 1999, 55, 15141-15150.	1.0	11
178	Receptors based on 2,2~6~2~3-terpyridine fragments containing peripheral amino groups. <i>Inorganica Chimica Acta</i> , 1999, 292, 28-33.	1.2	8
179	1,15-Diferrocenyl-2,5,8,11,14-pentaazapentadecane, an Open-Chain Redox-Active Ferrocene-Functionalized Polyazaalkane Ligand for Anions. <i>Helvetica Chimica Acta</i> , 1999, 82, 1445-1453.	1.0	9
180	Cyclic and open-chain aza~oxa ferrocene-functionalised derivatives as receptors for the selective electrochemical sensing of toxic heavy metal ions in aqueous environments. <i>Journal of the Chemical Society Dalton Transactions</i> , 1999, , 2359-2370.	1.1	52

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181	1,4,8,11-Tetrakis(4-ferrocenyl-3-azabutyl)-1,4,8,11-tetraazacyclotetradecane as a ferrocene-functionalised polyammonium receptor for electrochemical anion sensing. <i>Journal of the Chemical Society Dalton Transactions</i> , 1999, , 1779-1784.	1.1	20
182	Selective electrochemical recognition of sulfate over phosphate and phosphate over sulfate using polyaza ferrocene macrocyclic receptors in aqueous solution. <i>Journal of the Chemical Society Dalton Transactions</i> , 1999, , 127-134.	1.1	55
183	Redox-functionalised terpyridines. Ferrocenylhydroxyethyl and ferrocenylvinyl groups covalently attached to 2,2',6',6'-terpyridine. Oxidative electropolymerisation of the vinyl derivative and its metal complexes. <i>Tetrahedron</i> , 1998, 54, 12039-12046.	1.0	9
184	Electrochemical Sensing of Mercury over Cadmium and Lead Cations by the Redox-Active Polyazacycloalkane Ligand 1,1'-bis[ethane-1,2-diylbis(iminomethylene)]bis[ferrocene]. <i>Helvetica Chimica Acta</i> , 1998, 81, 2024-2030.	1.0	13
185	Redox-active crown ethers derived from biphenyl. Electrochemical and spectroscopic study of binding processes with alkali, alkali-earth and mercury salts. <i>Tetrahedron</i> , 1998, 54, 8159-8170.	1.0	12
186	Switching and tuning processes in the interaction of protons with ferrocenyl amines. <i>Polyhedron</i> , 1998, 17, 491-495.	1.0	6
187	Predicting Protonation Constants in Polyazaalkanes. <i>Journal of Chemical Research Synopses</i> , 1998, , 432-433.	0.3	4
188	Selective electrochemical recognition of mercury in water by a redox-functionalised aza-oxa crown derivative. <i>Chemical Communications</i> , 1998, , 837-838.	2.2	25
189	Open-chain polyazaalkane ferrocene-functionalised receptors for the electrochemical recognition of anionic guests and metal ions in aqueous solution. <i>Journal of the Chemical Society Dalton Transactions</i> , 1998, , 3657-3662.	1.1	24
190	Binding, electrochemical and metal extraction properties of the new redox-active polyazacycloalkane 1,4,7,10,13,16-hexa(ferrocenylmethyl)-1,4,7,10,13,16-hexaazacyclooctadecane. <i>Journal of the Chemical Society Dalton Transactions</i> , 1998, , 2635-2642.	1.1	19
191	Predicting the maximum oxidation potential shift in redox-active pH-responsive molecules in their electrostatic interaction with substrates. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1997, 93, 2175-2180.	1.7	34
192	Quantitative determination of metal ions and anions in aqueous solution by using pH-responsive redox-active receptors. <i>Chemical Communications</i> , 1997, , 887-888.	2.2	26
193	Tuning of the electrochemical recognition of substrates as a function of the proton concentration in solution using pH-responsive redox-active receptor molecules. <i>Journal of the Chemical Society Dalton Transactions</i> , 1996, , 343-351.	1.1	29
194	Highly branched ferrocene-functionalised polyazacycloalkanes as electroactive receptors for transition-metal ions. <i>Journal of the Chemical Society Dalton Transactions</i> , 1996, , 2923-2927.	1.1	13
195	Molecules bearing a redox-active spacer. Synthesis and co-ordination behaviour of 1,1'-bis(5-methyl-2,5-diazahexyl)ferrocene. <i>Journal of the Chemical Society Dalton Transactions</i> , 1996, , 4121-4127.	1.1	8
196	Synthesis and characterisation of the new diaza ferrocene macrocycle 1,1'-bis(2,6-diazahepta-1,6-diene)ferrocene and its parent amine 1,1'-bis(2,6-diazaheptane)ferrocene. <i>Inorganica Chimica Acta</i> , 1996, 247, 139-142.	1.2	8
197	Synthesis and structural characterization of ferrocenecarboxaldehyde containing chelating ligands 3. Synthesis, spectroscopic characterization, electrochemical behaviour and interaction with metal ions of new ligands obtained by condensation of ferrocenecarboxaldehyde with 2-amino-benzoic acid derivatives. Crystal structures of 2-ferrocenylmethylamino-5-methyl-benzoic acid and 2-bis(ferrocenylmethyl)ammonium-5-methyl-benzoic acid perchlorate. <i>Inorganica Chimica Acta</i> , 1995, 195, 139-142.	1.2	22
198	Synthesis and structural characterization of 3,5-[1,1'-ferrocenediyl]-1,7-dioxo-1,7-Di(2-pyridyl)-4-(2-pyridylcarbonyl)heptane; an unexpected compound obtained from the reaction of ferrocene-1,1'-dicarbaldehyde with 2-acetylpyridine. <i>Polyhedron</i> , 1995, 14, 3061-3066.	1.0	16

#	ARTICLE	IF	CITATIONS
199	Reaction of ferrocenecarbaldehyde with o-phenylenediamine. Crystal structure of N-ferrocenylmethyl-2-ferrocenyl-benzimidazole. <i>Journal of Organometallic Chemistry</i> , 1995, 503, 259-263.	0.8	28
200	Modification of the photochemical reactivity of \hat{I}^{\pm}, \hat{I}^2 -diacetoxystilbene by adsorption onto a Fe^{3+} -doped sepiolite: Comparison with the direct and 2,4,6-triphenylpyrylium-sensitized photolyses. <i>Tetrahedron</i> , 1995, 51, 8113-8120.	1.0	6
201	Host molecules containing electroactive cavities obtained by the molecular assembly of redox-active ligands and metal ions. <i>Journal of the Chemical Society Chemical Communications</i> , 1995, , 1643-1644.	2.0	19
202	Ferrocene containing chelating ligands Part 2. Synthesis, characterization, electrochemical behaviour and crystal structure of 2-ferrocenylmethylamino-benzoic acid. <i>Inorganica Chimica Acta</i> , 1993, 210, 233-236.	1.2	11
203	Oxamidato complexes. Part 4. Electrochemical study of the copper(III)/copper(II) couple in monomeric N,N'-bis(substituent)oxamidatocopper(II) complexes. <i>Transition Metal Chemistry</i> , 1993, 18, 69-72.	0.7	6
204	Synthesis, spectroscopic characterization and electrochemical behaviour of nickel(II) complexes with C-meso-5,5,7,12,12,14-hexamethylcyclotetradecane (Me6[14]aneN4). Crystal structure of $\{Ni(Me6[14]aneN4) I2\}$. <i>Transition Metal Chemistry</i> , 1993, 18, 523-527.	0.7	12
205	Synthesis, characterization and crystal structure of 2-dicyanomethylene-1,3-bis(ferrocenylmethyl)-1,3-diazolidine. <i>Journal of the Chemical Society Dalton Transactions</i> , 1993, , 1999-2003.	1.1	21
206	Ferrocene-containing chelating ligands. 1. Solution study, synthesis, crystal structure, and electronic properties of bis{N,N'-ethylenebis((ferrocenylmethyl)amine)}copper(II) nitrate. <i>Inorganic Chemistry</i> , 1993, 32, 1197-1203.	1.9	68
207	Oxidative decarboxylation of naproxen. <i>Journal of Pharmaceutical Sciences</i> , 1992, 81, 479-482.	1.6	26
208	Potentiometric dissolved oxygen sensors with reference electrode integrated in thick film technology. , 0, , .		0
209	Frequency analysis of thick-film electroluminescent (E.L.) lamp. , 0, , .		0
210	System for determining water quality with thick film multisensor. , 0, , .		4