

Ramón Martínez Martínez

List of Publications by Year in descending order

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534
papers

29,172
citations

6233

80
h-index

8599

146
g-index

588
all docs

588
docs citations

588
times ranked

21544
citing authors

#	ARTICLE	IF	CITATIONS
1	Fluorogenic and Chromogenic Chemosensors and Reagents for Anions. <i>Chemical Reviews</i> , 2003, 103, 4419-4476.	23.0	2,936
2	Optical chemosensors and reagents to detect explosives. <i>Chemical Society Reviews</i> , 2012, 41, 1261-1296.	18.7	1,019
3	The Supramolecular Chemistry of Organic-Inorganic Hybrid Materials. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 5924-5948.	7.2	510
4	Thiol-addition reactions and their applications in thiol recognition. <i>Chemical Society Reviews</i> , 2013, 42, 6032.	18.7	510
5	Chromogenic and fluorogenic chemosensors and reagents for anions. A comprehensive review of the years 2010-2011. <i>Chemical Society Reviews</i> , 2013, 42, 3489.	18.7	502
6	Gated Materials for On-Command Release of Guest Molecules. <i>Chemical Reviews</i> , 2016, 116, 561-718.	23.0	420
7	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
8	Chromogenic and fluorogenic chemosensors and reagents for anions. A comprehensive review of the year 2009. <i>Chemical Society Reviews</i> , 2011, 40, 2593.	18.7	364
9	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
10	A New Chromo-chemodosimeter Selective for Sulfide Anion. <i>Journal of the American Chemical Society</i> , 2003, 125, 9000-9001.	6.6	338
11	Squaraines as Fluoro-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
12	Coupling Selectivity with Sensitivity in an Integrated Chemosensor Framework: 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
13	Enzyme-Responsive Intracellular Controlled Release Using Nanometric Silica Mesoporous Supports Capped with Saccharides. <i>ACS Nano</i> , 2010, 4, 6353-6368.	7.3	286
14	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
15	A new selective fluorogenic probe for trivalent cations. <i>Chemical Communications</i> , 2012, 48, 3000.	2.2	246
16	Enzyme-Responsive Controlled Release Using Mesoporous Silica Supports Capped with Lactose. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 5884-5887.	7.2	236
17	Controlled Delivery Systems Using Antibody-Capped Mesoporous Nanocontainers. <i>Journal of the American Chemical Society</i> , 2009, 131, 14075-14080.	6.6	235
18	Controlled Delivery Using Oligonucleotide-Capped Mesoporous Silica Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 7281-7283.	7.2	234

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19	Gated Silica Mesoporous Supports for Controlled Release and Signaling Applications. <i>Accounts of Chemical Research</i> , 2013, 46, 339-349.	7.6	234
20	Toward the Development of Ionically Controlled Nanoscopic Molecular Gates. <i>Journal of the American Chemical Society</i> , 2004, 126, 8612-8613.	6.6	225
21	Chemodosimeters and 3D inorganic functionalised hosts for the fluoro-chromogenic sensing of anions. <i>Coordination Chemistry Reviews</i> , 2006, 250, 3081-3093.	9.5	225
22	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
23	A selective chromogenic reagent for cyanide determination. <i>Chemical Communications</i> , 2002, , 2248-2249.	2.2	218
24	A versatile drug delivery system targeting senescent cells. <i>EMBO Molecular Medicine</i> , 2018, 10, .	3.3	204
25	Recent advances on intelligent packaging as tools to reduce food waste. <i>Journal of Cleaner Production</i> , 2018, 172, 3398-3409.	4.6	198
26	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
27	Chromogenic and fluorogenic reagents for chemical warfare nerve agents' detection. <i>Chemical Communications</i> , 2007, , 4839.	2.2	189
28	Pyrylium-containing polymers as sensory materials for the colorimetric sensing of cyanide in water. <i>Chemical Communications</i> , 2005, , 2790.	2.2	175
29	A Colorimetric ATP Sensor Based on 1,3,5-Triarylpent-2-en-1,5-diones. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 2640-2643.	7.2	171
30	New Advances in Fluorogenic Anion Chemosensors. <i>Journal of Fluorescence</i> , 2005, 15, 267-285.	1.3	165
31	Photochemical and Chemical Two-Channel Control of Functional Nanogated Hybrid Architectures. <i>Advanced Materials</i> , 2007, 19, 2228-2231.	11.1	160
32	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
33	Silica-based powders and monoliths with bimodal pore systems Electronic supplementary information (ESI) available: UV-Vis spectrum of sample 3. See http://www.rsc.org/suppdata/cc/b1/b110883b/ . <i>Chemical Communications</i> , 2002, , 330-331.	2.2	152
34	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
35	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
36	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

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37	Towards the Development of Colorimetric Probes to Discriminate between Isomeric Dicarboxylates. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 647-650.	7.2	142
38	An OFF-ON Two-Photon Fluorescent Probe for Tracking Cell Senescence <i>in Vivo</i> . <i>Journal of the American Chemical Society</i> , 2017, 139, 8808-8811.	6.6	138
39	Galactose conjugation of Navitoclax as an efficient strategy to increase senolytic specificity and reduce platelet toxicity. <i>Aging Cell</i> , 2020, 19, e13142.	3.0	131
40	A New Approach to Chemosensors for Anions Using MCM-41 Grafted with Amino Groups. <i>Advanced Materials</i> , 2002, 14, 966-969.	11.1	129
41	Gated Silica Mesoporous Materials in Sensing Applications. <i>ChemistryOpen</i> , 2015, 4, 418-437.	0.9	129
42	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
43	Mesoporous Silica-Based Materials with Bactericidal Properties. <i>Small</i> , 2019, 15, e1900669.	5.2	125
44	Chromogenic Discrimination of Primary Aliphatic Amines in Water with Functionalized Mesoporous Silica. <i>Advanced Materials</i> , 2004, 16, 1783-1786.	11.1	124
45	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
46	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
47	Targeted Cargo Delivery in Senescent Cells Using Capped Mesoporous Silica Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 10556-10560.	7.2	122
48	Enzyme-Powered Gated Mesoporous Silica Nanomotors for On-Command Intracellular Payload Delivery. <i>ACS Nano</i> , 2019, 13, 12171-12183.	7.3	121
49	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
50	A Selective Chromogenic Reagent for Nitrate. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 1416-1419.	7.2	110
51	A novel colorimetric sensor array for monitoring fresh pork sausages spoilage. <i>Food Control</i> , 2014, 35, 166-176.	2.8	109
52	New Methods for Anion Recognition and Signaling Using Nanoscopic Gatelike Scaffoldings. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 6661-6664.	7.2	107
53	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
54	Gated Mesoporous Silica Nanoparticles for the Controlled Delivery of Drugs in Cancer Cells. <i>Langmuir</i> , 2015, 31, 3753-3762.	1.6	104

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55	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
56	New Advances in In Vivo Applications of Gated Mesoporous Silica as Drug Delivery Nanocarriers. <i>Small</i> , 2020, 16, e1902242.	5.2	101
57	Toward the Design of Smart Delivery Systems Controlled by Integrated Enzyme-Based Biocomputing Ensembles. <i>Journal of the American Chemical Society</i> , 2014, 136, 9116-9123.	6.6	100
58	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
59	Chromogenic detection of nerve agent mimics. <i>Chemical Communications</i> , 2008, , 6002.	2.2	98
60	Monitoring of chicken meat freshness by means of a colorimetric sensor array. <i>Analyst</i> , 2012, 137, 3635.	1.7	98
61	Controlled release using mesoporous materials containing gate-like scaffolds. <i>Expert Opinion on Drug Delivery</i> , 2009, 6, 643-655.	2.4	97
62	Interactive models of communication at the nanoscale using nanoparticles that talk to one another. <i>Nature Communications</i> , 2017, 8, 15511.	5.8	96
63	Glucose-triggered release using enzyme-gated mesoporous silica nanoparticles. <i>Chemical Communications</i> , 2013, 49, 6391.	2.2	95
64	Triggered release in lipid bilayer-capped mesoporous silica nanoparticles containing SPION using an alternating magnetic field. <i>Chemical Communications</i> , 2012, 48, 5647.	2.2	91
65	MUC1 aptamer-capped mesoporous silica nanoparticles for controlled drug delivery and radio-imaging applications. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017, 13, 2495-2505.	1.7	91
66	Anthrylmethylamine functionalised mesoporous silica-based materials as hybrid fluorescent chemosensors for ATP. <i>Journal of Materials Chemistry</i> , 2005, 15, 2721.	6.7	90
67	Electro-optical triple-channel sensing of metal cations via multiple signalling patterns. <i>Tetrahedron Letters</i> , 2004, 45, 1257-1259.	0.7	89
68	Chromogenic, Specific Detection of the Nerve Agent Mimic DCNP (a Tabun Mimic). <i>Chemistry - A European Journal</i> , 2011, 17, 6931-6934.	1.7	89
69	An aptamer-gated silica mesoporous material for thrombin detection. <i>Chemical Communications</i> , 2013, 49, 5480.	2.2	89
70	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
71	The chemistry of senescence. <i>Nature Reviews Chemistry</i> , 2019, 3, 426-441.	13.8	88
72	Ultrafast Directional Janus Pt-Mesoporous Silica Nanomotors for Smart Drug Delivery. <i>ACS Nano</i> , 2021, 15, 4467-4480.	7.3	88

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73	Novel crystalline microporous transition-metal phosphites $M_1(HPO_3)_8(OH)_6$ ($M = Zn, Co, Ni$). X-ray powder diffraction structure determination of the cobalt and nickel derivatives. <i>Chemistry of Materials</i> , 1993, 5, 121-128.	3.2	87
74	Freshness monitoring of sea bream (<i>Sparus aurata</i>) with a potentiometric sensor. <i>Food Chemistry</i> , 2008, 108, 681-688.	4.2	86
75	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
76	A multisensor in thick-film technology for water quality control. <i>Sensors and Actuators A: Physical</i> , 2005, 120, 589-595.	2.0	85
77	Electrospun Antimicrobial Films of Poly(3-hydroxybutyrate-co-3-hydroxyvalerate) Containing Eugenol Essential Oil Encapsulated in Mesoporous Silica Nanoparticles. <i>Nanomaterials</i> , 2019, 9, 227.	1.9	85
78	Thiol- α -chromene click chemistry: A coumarin-based derivative and its use as regenerable thiol probe and in bioimaging applications. <i>Biosensors and Bioelectronics</i> , 2013, 47, 300-306.	5.3	83
79	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
80	Nanosopic 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
81	Fish freshness analysis using metallic potentiometric electrodes. <i>Sensors and Actuators B: Chemical</i> , 2008, 131, 362-370.	4.0	79
82	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
83	Complexes containing ferrocenyl groups as redox spectators; synthesis, molecular structure and co-ordination behaviour of 4-ferrocenyl-2,2,6,6-tetrapyridine. <i>Journal of the Chemical Society Dalton Transactions</i> , 1994, , 645-650.	1.1	78
84	Borate-Driven Gate-like Scaffolding Using Mesoporous Materials Functionalised with Saccharides. <i>Chemistry - A European Journal</i> , 2009, 15, 6877-6888.	1.7	78
85	Enzyme-Responsive Intracellular-Controlled Release Using Silica Mesoporous Nanoparticles Capped with Poly-L-lysine. <i>Chemistry - A European Journal</i> , 2014, 20, 5271-5281.	1.7	78
86	A Chromo-Fluorogenic Synthetic "Canary" for CO Detection Based on a Pyrenylvinyl Ruthenium(II) Complex. <i>Journal of the American Chemical Society</i> , 2014, 136, 11930-11933.	6.6	77
87	Mesoporous silica materials for controlled delivery based on enzymes. <i>Journal of Materials Chemistry B</i> , 2017, 5, 3069-3083.	2.9	74
88	<i>In Vivo</i> Tracking of Endogenous CO with a Ruthenium(II) Complex. <i>Journal of the American Chemical Society</i> , 2017, 139, 18484-18487.	6.6	74
89	Ferrocene-Cyclam: A Redox-Active Macrocyclic 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
90	Chromo-fluorogenic probes for carbon monoxide detection. <i>Chemical Communications</i> , 2016, 52, 5902-5911.	2.2	73

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91	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
92	Sensory hybrid host materials for the selective chromo-fluorogenic detection of biogenic amines. <i>Chemical Communications</i> , 2006, , 2239-2241.	2.2	72
93	Drug Delivery Nanosystems for the Localized Treatment of Glioblastoma Multiforme. <i>Materials</i> , 2018, 11, 779.	1.3	71
94	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
95	Chromogenic Detection of Aqueous Formaldehyde Using Functionalized Silica Nanoparticles. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 14318-14322.	4.0	70
96	Enhanced antimicrobial activity of essential oil components immobilized on silica particles. <i>Food Chemistry</i> , 2017, 233, 228-236.	4.2	70
97	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
98	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
99	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
100	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
101	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
102	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
103	Surfactant-assisted chromogenic sensing of cyanide in water. <i>New Journal of Chemistry</i> , 2009, 33, 1641.	1.4	64
104	Selective Fluorogenic Sensing of As(III) Using Aptamer-Capped Nanomaterials. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 11332-11336.	4.0	64
105	Mesoporous silica nanoparticles for pulmonary drug delivery. <i>Advanced Drug Delivery Reviews</i> , 2021, 177, 113953.	6.6	64
106	Preclinical antitumor efficacy of senescence-inducing chemotherapy combined with a nanoSenolytic. <i>Journal of Controlled Release</i> , 2020, 323, 624-634.	4.8	64
107	Selective and Sensitive Chromofluorogenic Detection of the Sulfite Anion in Water Using Hydrophobic Hybrid Organic-Inorganic Silica Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 13712-13716.	7.2	63
108	Towards Chemical Communication between Gated Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 12629-12633.	7.2	63

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109	Antifungal effect of essential oil components against <i>Aspergillus niger</i> when loaded into silica mesoporous supports. <i>Journal of the Science of Food and Agriculture</i> , 2015, 95, 2824-2831.	1.7	63
110	A New Approach to Chemosensors for Anions Using MCM-41 Grafted with Amino Groups. <i>Advanced Materials</i> , 2002, 14, 966-969.	11.1	63
111	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
112	A Molecular Probe for the Highly Selective Chromogenic Detection of DFP, a Mimic of Sarin and Soman Nerve Agents. <i>Chemistry - A European Journal</i> , 2011, 17, 11994-11997.	1.7	61
113	1,3,5-Triaryl-pent-2-en-1,5-diones for the colorimetric sensing of the mercuric cation. <i>Chemical Communications</i> , 2001, , 2262.	2.2	60
114	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
115	Selective and sensitive chromogenic detection of cyanide and HCN in solution and in gas phase. <i>Chemical Communications</i> , 2013, 49, 5669.	2.2	60
116	Dual Enzyme-Triggered Controlled Release on Capped Nanometric Silica Mesoporous Supports. <i>ChemistryOpen</i> , 2012, 1, 17-20.	0.9	59
117	Enzyme-Controlled Sensing of Actuating Nanomachine Based on Janus Au-Mesoporous Silica Nanoparticles. <i>Chemistry - A European Journal</i> , 2013, 19, 7889-7894.	1.7	59
118	Temperature-controlled release by changes in the secondary structure of peptides anchored onto mesoporous silica supports. <i>Chemical Communications</i> , 2014, 50, 3184-3186.	2.2	58
119	Gold Nanostars Coated with Mesoporous Silica Are Effective and Nontoxic Photothermal Agents Capable of Gate Keeping and Laser-Induced Drug Release. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 27644-27656.	4.0	57
120	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
121	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
122	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
123	Self-Regulated Glucose-Sensitive Neoglycoenzyme-Capped Mesoporous Silica Nanoparticles for Insulin Delivery. <i>Chemistry - A European Journal</i> , 2017, 23, 1353-1360.	1.7	55
124	A new ion-selective electrode for anionic surfactants. <i>Talanta</i> , 2007, 71, 333-338.	2.9	54
125	Chromo-fluorogenic BODIPY-complexes for selective detection of V-type nerve agent surrogates. <i>Chemical Communications</i> , 2014, 50, 13289-13291.	2.2	54
126	Gated Mesoporous Silica Nanoparticles Using a Double-Role Circular Peptide for the Controlled and Target-Preferential Release of Doxorubicin in CXCR4-Expressing Lymphoma Cells. <i>Advanced Functional Materials</i> , 2015, 25, 687-695.	7.8	54

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127	Molecular gates in mesoporous bioactive glasses for the treatment of bone tumors and infection. <i>Acta Biomaterialia</i> , 2017, 50, 114-126.	4.1	54
128	Difunctionalised Chemosensors Containing Electroactive and Fluorescent Signalling Subunits. <i>European Journal of Inorganic Chemistry</i> , 2002, 2002, 866-875.	1.0	53
129	Evaluation of sea bream (<i>Sparus aurata</i>) shelf life using an optoelectronic nose. <i>Food Chemistry</i> , 2013, 138, 1374-1380.	4.2	53
130	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
131	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
132	Imidazoanthraquinone Derivatives for the Chromofluorogenic Sensing of Basic Anions and Trivalent Metal Cations. <i>Journal of Organic Chemistry</i> , 2014, 79, 10752-10761.	1.7	52
133	Metallosupramolecular complexes containing ferrocenyl groups as redox spectators; synthesis and co-ordination behaviour of the helicand 4,4'-bis(ferrocenyl)-2,2':6,6'-terpyridine: 6,6'-bis(ferrocenyl)-2,2':6,6'-terpyridine. <i>Journal of the Chemical Society Dalton Transactions</i> , 1994, , 1585-1594.		
134	Discrimination of nerve gases mimics and other organophosphorous derivatives in gas phase using a colorimetric probe array. <i>Chemical Communications</i> , 2012, 48, 10105.	2.2	51
135	Selective, Highly Sensitive, and Rapid Detection of Genomic DNA by Using Gated Materials: <i>Mycoplasma</i> Detection. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 8938-8942.	7.2	51
136	Mesoporous silica materials with covalently anchored phenoxazinone dyes as fluorescent hybrid materials for vapour sensing. <i>Journal of Materials Chemistry</i> , 2007, 17, 4716.	6.7	50
137	Cathepsin B Induced Controlled Release from Peptide-Capped Mesoporous Silica Nanoparticles. <i>Chemistry - A European Journal</i> , 2014, 20, 15309-15314.	1.7	50
138	Development of a colorimetric sensor array for squid spoilage assessment. <i>Food Chemistry</i> , 2015, 175, 315-321.	4.2	50
139	Chromofluorogenic Detection of Nerve Agent Mimics Using Triggered Cyclization Reactions in Push-Pull Dyes. <i>Chemistry - an Asian Journal</i> , 2010, 5, 1573-1585.	1.7	49
140	Eugenol and thymol immobilised on mesoporous silica-based material as an innovative antifungal system: Application in strawberry jam. <i>Food Control</i> , 2017, 81, 181-188.	2.8	49
141	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
142	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
143	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
144	Poly(N-isopropylacrylamide)-gated Fe ₃ O ₄ /SiO ₂ core shell nanoparticles with expanded mesoporous structures for the temperature triggered release of lysozyme. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 135, 652-660.	2.5	48

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