

Ramón Martínez Martínez

List of Publications by Year in descending order

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534
papers

29,172
citations

7251

80
h-index

9865

146
g-index

588
all docs

588
docs citations

588
times ranked

24100
citing authors

#	ARTICLE	IF	CITATIONS
1	Lipofuscin labeling through biorthogonal strain-promoted azide-alkyne cycloaddition for the detection of senescent cells. <i>FEBS Journal</i> , 2023, 290, 1314-1325.	2.2	3
2	Synthesis and fluorescence sensing of energetic materials using benzenesulfonic acid-doped polyaniline. <i>Journal of Materials Science: Materials in Electronics</i> , 2022, 33, 8551-8565.	1.1	7
3	Phosphorogenic dipyrinato-iridium(III) complexes as photosensitizers for photodynamic therapy. <i>Dyes and Pigments</i> , 2022, 197, 109886.	2.0	3
4	Horseradish Peroxidase-Functionalized Gold Nanoconjugates for Breast Cancer Treatment Based on Enzyme Prodrug Therapy. <i>International Journal of Nanomedicine</i> , 2022, Volume 17, 409-422.	3.3	5
5	Fluorogenic Detection of Human Serum Albumin Using Curcumin-Capped Mesoporous Silica Nanoparticles. <i>Molecules</i> , 2022, 27, 1133.	1.7	6
6	Validation of an automated system for the experimentation of photothermal therapies on cell cultures. <i>Sensors and Actuators A: Physical</i> , 2022, 337, 113426.	2.0	0
7	Growth, crystal structure, Hirshfeld surface analysis, DFT studies, physicochemical characterization, and cytotoxicity assays of novel organic triphosphate. <i>Journal of Molecular Modeling</i> , 2022, 28, 65.	0.8	13
8	Nanoprogrammed Cross-Kingdom Communication Between Living Microorganisms. <i>Nano Letters</i> , 2022, 22, 1836-1844.	4.5	8
9	Monofloral honey authentication by voltammetric electronic tongue: A comparison with ¹ H NMR spectroscopy. <i>Food Chemistry</i> , 2022, 383, 132460.	4.2	14
10	Immunochemical Design of Antibody-Gated Indicator Delivery (gAID) Systems Based on Mesoporous Silica Nanoparticles. <i>ACS Applied Nano Materials</i> , 2022, 5, 626-641.	2.4	4
11	Hollow mesoporous silica nanoparticles: Effective silica etching using tri-di- and mono-valent cations. <i>Materials Science and Engineering C</i> , 2022, 133, 112621.	3.8	6
12	Development of Geometry-Controlled All-Orthogonal BODIPY Trimers for Photodynamic Therapy and Phototheragnosis. <i>Organic Letters</i> , 2022, 24, 3636-3641.	2.4	11
13	Pharmacological senolysis reduces doxorubicin-induced cardiotoxicity and improves cardiac function in mice. <i>Pharmacological Research</i> , 2022, 183, 106356.	3.1	26
14	Biocompatibility and internalization assessment of bare and functionalised mesoporous silica nanoparticles. <i>Microporous and Mesoporous Materials</i> , 2021, 310, 110593.	2.2	17
15	A Nanoprobe Based on Gated Mesoporous Silica Nanoparticles for The Selective and Sensitive Detection of Benzene Metabolite t,â€Muconic Acid in Urine. <i>Chemistry - A European Journal</i> , 2021, 27, 1306-1310.	1.7	6
16	Engineering chemical communication between micro/nanosystems. <i>Chemical Society Reviews</i> , 2021, 50, 8829-8856.	18.7	27
17	Aerogels as promising materials for antibacterial applications: a mini-review. <i>Biomaterials Science</i> , 2021, 9, 7034-7048.	2.6	15
18	A new 8-oxo-7,8-â€deoxyguanosine nanoporous anodic alumina aptasensor for colorectal cancer diagnosis in blood and urine. <i>Nanoscale</i> , 2021, 13, 8648-8657.	2.8	5

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19	A glutathione disulfide-sensitive Janus nanomachine controlled by an enzymatic AND logic gate for smart delivery. <i>Nanoscale</i> , 2021, 13, 18616-18625.	2.8	5
20	Metal Complexes as Sensors. , 2021, , 181-203.		2
21	Oligonucleotide-capped nanoporous anodic alumina biosensor as diagnostic tool for rapid and accurate detection of <i>Candida auris</i> in clinical samples. <i>Emerging Microbes and Infections</i> , 2021, 10, 407-415.	3.0	15
22	Chromo-fluorogenic probes for β -galactosidase detection. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 2361-2388.	1.9	16
23	Nanoporous Anodic Alumina-Based Sensor for miR-99a-5p Detection as an Effective Early Breast Cancer Diagnostic Tool. <i>ACS Sensors</i> , 2021, 6, 1022-1029.	4.0	10
24	A fluorogenic capped mesoporous aptasensor for gluten detection. <i>Analytica Chimica Acta</i> , 2021, 1147, 178-186.	2.6	13
25	Ultrafast Directional Janus Pt@Mesoporous Silica Nanomotors for Smart Drug Delivery. <i>ACS Nano</i> , 2021, 15, 4467-4480.	7.3	88
26	Understanding of mechanistic perspective in sensing of energetic nitro compounds through spectroscopic and electrochemical studies. <i>Journal of Applied Polymer Science</i> , 2021, 138, 50776.	1.3	8
27	Towards the Enhancement of Essential Oil Components' Antimicrobial Activity Using New Zein Protein-Gated Mesoporous Silica Microdevices. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3795.	1.8	12
28	Gene-Directed Enzyme Prodrug Therapy by Dendrimer-Like Mesoporous Silica Nanoparticles against Tumor Cells. <i>Nanomaterials</i> , 2021, 11, 1298.	1.9	6
29	Secreted Enzyme-Responsive System for Controlled Antifungal Agent Release. <i>Nanomaterials</i> , 2021, 11, 1280.	1.9	5
30	The Effectiveness of Glutathione Redox Status as a Possible Tumor Marker in Colorectal Cancer. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6183.	1.8	11
31	Lactose-Gated Mesoporous Silica Particles for Intestinal Controlled Delivery of Essential Oil Components: An In Vitro and In Vivo Study. <i>Pharmaceutics</i> , 2021, 13, 982.	2.0	5
32	Senolysis Reduces Senescence in Veins and Cancer Cell Migration. <i>Advanced Therapeutics</i> , 2021, 4, 2100149.	1.6	6
33	The Role Of Polyvinylpyrrolidone as a Potential Fluorophore for the Detection Of Nitroaromatic Explosives.. <i>Current Chinese Chemistry</i> , 2021, 01, .	0.3	1
34	Targeted-lung delivery of dexamethasone using gated mesoporous silica nanoparticles. A new therapeutic approach for acute lung injury treatment. <i>Journal of Controlled Release</i> , 2021, 337, 14-26.	4.8	28
35	Sucrose-Responsive Intercommunicated Janus Nanoparticles Network. <i>Nanomaterials</i> , 2021, 11, 2492.	1.9	6
36	Low-cost silica xerogels as potential adsorbents for ciprofloxacin removal. <i>Sustainable Chemistry and Pharmacy</i> , 2021, 22, 100483.	1.6	15

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37	A gated material as immunosensor for in-tissue detection of IDH1-R132H mutation in gliomas. <i>Sensors and Actuators B: Chemical</i> , 2021, 345, 130406.	4.0	2
38	Mesoporous silica nanoparticles for pulmonary drug delivery. <i>Advanced Drug Delivery Reviews</i> , 2021, 177, 113953.	6.6	64
39	pH-Dependent Molecular Gate Mesoporous Microparticles for Biological Control of <i>Giardia intestinalis</i> . <i>Pharmaceutics</i> , 2021, 13, 94.	2.0	3
40	A Two-Photon Probe Based on Naphthalimide-Styrene Fluorophore for the <i>In Vivo</i> Tracking of Cellular Senescence. <i>Analytical Chemistry</i> , 2021, 93, 3052-3060.	3.2	29
41	A chemical circular communication network at the nanoscale. <i>Chemical Science</i> , 2021, 12, 1551-1559.	3.7	20
42	Enzyme-controlled mesoporous nanosensor for the detection of living <i>Saccharomyces cerevisiae</i> . <i>Sensors and Actuators B: Chemical</i> , 2020, 303, 127197.	4.0	8
43	Influence of the functionalisation of mesoporous silica material UVM-7 on polyphenol oxidase enzyme capture and enzymatic browning. <i>Food Chemistry</i> , 2020, 310, 125741.	4.2	11
44	New Advances in In Vivo Applications of Gated Mesoporous Silica as Drug Delivery Nanocarriers. <i>Small</i> , 2020, 16, e1902242.	5.2	101
45	Triplex Hybridization-Based Nanosystem for the Rapid Screening of <i>Pneumocystis Pneumonia</i> in Clinical Samples. <i>Journal of Fungi (Basel, Switzerland)</i> , 2020, 6, 292.	1.5	6
46	Antibacterial Activity of Linezolid against Gram-Negative Bacteria: Utilization of μ -Poly-L-Lysine Capped Silica Xerogel as an Activating Carrier. <i>Pharmaceutics</i> , 2020, 12, 1126.	2.0	11
47	Surfactant-Triggered Molecular Gate Tested on Different Mesoporous Silica Supports for Gastrointestinal Controlled Delivery. <i>Nanomaterials</i> , 2020, 10, 1290.	1.9	8
48	A 1-to-2 demultiplexer hybrid nanocarrier for cargo delivery and activation. <i>Chemical Communications</i> , 2020, 56, 9974-9977.	2.2	2
49	MUC1 Aptamer-Capped Mesoporous Silica Nanoparticles for Navitoclax Resistance Overcoming in Triple-Negative Breast Cancer. <i>Chemistry - A European Journal</i> , 2020, 26, 16318-16327.	1.7	16
50	A Sensitive Nanosensor for the In Situ Detection of the Cannibal Drug. <i>ACS Sensors</i> , 2020, 5, 2966-2972.	4.0	7
51	Protection against chemical submission: naked-eye detection of γ -hydroxybutyric acid (GHB) in soft drinks and alcoholic beverages. <i>Chemical Communications</i> , 2020, 56, 12600-12603.	2.2	12
52	New Insights of Oral Colonic Drug Delivery Systems for Inflammatory Bowel Disease Therapy. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6502.	1.8	43
53	Multiplexed Detection of Analytes on Single Test Strips with Antibody-Gated Indicator-Releasing Mesoporous Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 23862-23869.	7.2	32
54	Multiplex-Nachweis von Analyten auf einem einzelnen Teststreifen mit Antikörper-gesteuerten und Indikator freisetzenden mesoporsenen Nanopartikeln. <i>Angewandte Chemie</i> , 2020, 132, 24071-24078.	1.6	5

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55	Peptide-Capped Mesoporous Nanoparticles: Toward a more Efficient Internalization of Alendronate. <i>ChemistrySelect</i> , 2020, 5, 3618-3625.	0.7	2
56	Electro-responsive films containing voltage responsive gated mesoporous silica nanoparticles grafted onto PEDOT-based conducting polymer. <i>Journal of Controlled Release</i> , 2020, 323, 421-430.	4.8	20
57	Nanoparticle-cell nanoparticle communication by stigmergy to enhance poly(I:C) induced apoptosis in cancer cells. <i>Chemical Communications</i> , 2020, 56, 7273-7276.	2.2	7
58	Real-Time In Vivo Detection of Cellular Senescence through the Controlled Release of the NIR Fluorescent Dye Nile Blue. <i>Angewandte Chemie</i> , 2020, 132, 15264-15268.	1.6	3
59	Real-Time In Vivo Detection of Cellular Senescence through the Controlled Release of the NIR Fluorescent Dye Nile Blue. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 15152-15156.	7.2	37
60	Gold Nanoparticle-Assisted Virus Formation by Means of the Delivery of an Oncolytic Adenovirus Genome. <i>Nanomaterials</i> , 2020, 10, 1183.	1.9	7
61	Mechanistic Insight into the Turn-Off Sensing of Nitroaromatic Compounds Employing Functionalized Polyaniline. <i>ChemistrySelect</i> , 2020, 5, 6321-6330.	0.7	9
62	Study of Fishmeal Substitution on Growth Performance and Shelf-Life of Giltheadsea Bream (<i>Sparus aurata</i>). <i>Fishes</i> , 2020, 5, 15.	0.7	2
63	Senescence and the Impact on Biodistribution of Different Nanosystems: the Discrepancy on Tissue Deposition of Graphene Quantum Dots, Polycaprolactone Nanoparticle and Magnetic Mesoporous Silica Nanoparticles in Young and Elder Animals. <i>Pharmaceutical Research</i> , 2020, 37, 40.	1.7	16
64	Nanosensor for Sensitive Detection of the New Psychedelic Drug 25I-NBOMe. <i>Chemistry - A European Journal</i> , 2020, 26, 2813-2816.	1.7	11
65	Molecular and Cellular Risk Assessment of Healthy Human Cells and Cancer Human Cells Exposed to Nanoparticles. <i>International Journal of Molecular Sciences</i> , 2020, 21, 230.	1.8	16
66	Dithioacetal-mechanized mesoporous nanosensor for Hg(II) determination. <i>Microporous and Mesoporous Materials</i> , 2020, 297, 110054.	2.2	13
67	Lab and Pilot-Scale Synthesis of MxOm@SiC Core-Shell Nanoparticles. <i>Materials</i> , 2020, 13, 649.	1.3	2
68	An enzyme-controlled Janus nanomachine for on-command dual and sequential release. <i>Chemical Communications</i> , 2020, 56, 6440-6443.	2.2	9
69	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
70	Preclinical antitumor efficacy of senescence-inducing chemotherapy combined with a nanoSenolytic. <i>Journal of Controlled Release</i> , 2020, 323, 624-634.	4.8	64
71	Aptamer-Capped nanoporous anodic alumina for <i>Staphylococcus aureus</i> detection. <i>Sensors and Actuators B: Chemical</i> , 2020, 320, 128281.	4.0	31
72	Novel Probes and Carriers to Target Senescent Cells. <i>Healthy Ageing and Longevity</i> , 2020, , 163-180.	0.2	2

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73	Halogen-containing BODIPY derivatives for photodynamic therapy. <i>Dyes and Pigments</i> , 2019, 160, 198-207.	2.0	46
74	An Interactive Model of Communication between Abiotic Nanodevices and Microorganisms. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 14986-14990.	7.2	40
75	An Interactive Model of Communication between Abiotic Nanodevices and Microorganisms. <i>Angewandte Chemie</i> , 2019, 131, 15128-15132.	1.6	4
76	Glucose-Responsive Enzyme-Controlled Mesoporous Nanomachine with a Layer-by-Layer Supramolecular Architecture. <i>ACS Applied Bio Materials</i> , 2019, 2, 3321-3328.	2.3	8
77	Urinary Metabolic Signatures Detect Recurrences in Non-Muscle Invasive Bladder Cancer. <i>Cancers</i> , 2019, 11, 914.	1.7	19
78	A NIR light-triggered drug delivery system using core-shell gold nanostars-mesoporous silica nanoparticles based on multiphoton absorption photo-dissociation of 2-nitrobenzyl PEG. <i>Chemical Communications</i> , 2019, 55, 9039-9042.	2.2	27
79	New Oleic Acid-Capped Mesoporous Silica Particles as Surfactant-Responsive Delivery Systems. <i>ChemistryOpen</i> , 2019, 8, 1052-1056.	0.9	7
80	Janus nanocarrier powered by bi-enzymatic cascade system for smart delivery. <i>Journal of Materials Chemistry B</i> , 2019, 7, 4669-4676.	2.9	13
81	Enzyme-Powered Gated Mesoporous Silica Nanomotors for On-Command Intracellular Payload Delivery. <i>ACS Nano</i> , 2019, 13, 12171-12183.	7.3	121
82	Avidin-gated mesoporous silica nanoparticles for signal amplification in electrochemical biosensor. <i>Electrochemistry Communications</i> , 2019, 108, 106556.	2.3	20
83	Simple Endotoxin Detection Using Polymyxin-B-Gated Nanoparticles. <i>Chemistry - A European Journal</i> , 2019, 25, 3770-3774.	1.7	8
84	The efficacy of essential oil components loaded into montmorillonite against <i>Aspergillus niger</i> and <i>Staphylococcus aureus</i> . <i>Flavour and Fragrance Journal</i> , 2019, 34, 151-162.	1.2	22
85	Not always what closes best opens better: mesoporous nanoparticles capped with organic gates. <i>Science and Technology of Advanced Materials</i> , 2019, 20, 699-709.	2.8	3
86	The chemistry of senescence. <i>Nature Reviews Chemistry</i> , 2019, 3, 426-441.	13.8	88
87	2,4,5-Triaryl imidazole probes for the selective chromo-fluorogenic detection of Cu(II). Prospective use of the Cu(II) complexes for the optical recognition of biothiols. <i>Polyhedron</i> , 2019, 170, 388-394.	1.0	10
88	Integrative Metabolomic and Transcriptomic Analysis for the Study of Bladder Cancer. <i>Cancers</i> , 2019, 11, 686.	1.7	31
89	Janus Gold Nanostars-Mesoporous Silica Nanoparticles for NIR-Light-Triggered Drug Delivery. <i>Chemistry - A European Journal</i> , 2019, 25, 8471-8478.	1.7	30
90	Mesoporous Silica-Based Materials with Bactericidal Properties. <i>Small</i> , 2019, 15, e1900669.	5.2	125

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91	Double Drug Delivery Using Capped Mesoporous Silica Microparticles for the Effective Treatment of Inflammatory Bowel Disease. <i>Molecular Pharmaceutics</i> , 2019, 16, 2418-2429.	2.3	18
92	Selective and Sensitive Probe Based in Oligonucleotide-Capped Nanoporous Alumina for the Rapid Screening of Infection Produced by <i>Candida albicans</i> . <i>ACS Sensors</i> , 2019, 4, 1291-1298.	4.0	38
93	Acetylcholine-responsive cargo release using acetylcholinesterase-capped nanomaterials. <i>Chemical Communications</i> , 2019, 55, 5785-5788.	2.2	10
94	ATP-glutamate-responsive delivery system based on enzyme-controlled self-immolative arylboronate-gated nanoparticles. <i>Organic Chemistry Frontiers</i> , 2019, 6, 1058-1063.	2.3	6
95	Combining magnetic hyperthermia and dual T ₁ /T ₂ MR imaging using highly versatile iron oxide nanoparticles. <i>Dalton Transactions</i> , 2019, 48, 3883-3892.	1.6	38
96	N,N'-Diphenylanilino-heterocyclic aldehyde-based chemosensors for UV-vis/NIR and fluorescence Cu(II) detection. <i>New Journal of Chemistry</i> , 2019, 43, 7393-7402.	1.4	14
97	A Colorimetric Probe for the Selective Detection of Norepinephrine Based on a Double Molecular Recognition with Functionalized Gold Nanoparticles. <i>ACS Applied Nano Materials</i> , 2019, 2, 1367-1373.	2.4	35
98	Efficacy of budesonide-loaded mesoporous silica microparticles capped with a bulky azo derivative in rats with TNBS-induced colitis. <i>International Journal of Pharmaceutics</i> , 2019, 561, 93-101.	2.6	12
99	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
100	Stimulus-responsive nanomotors based on gated enzyme-powered Janus Au@mesoporous silica nanoparticles for enhanced cargo delivery. <i>Chemical Communications</i> , 2019, 55, 13164-13167.	2.2	46
101	Overview of the Evolution of Silica-Based Chromo-Fluorogenic Nanosensors. <i>Sensors</i> , 2019, 19, 5138.	2.1	12
102	Highly Sensitive and Selective Molecular Probes for Chromo-Fluorogenic Sensing of Carbon Monoxide in Air, Aqueous Solution and Cells. <i>Chemistry - A European Journal</i> , 2019, 25, 2069-2081.	1.7	38
103	Colorimetric detection of normetanephrine, a pheochromocytoma biomarker, using bifunctionalised gold nanoparticles. <i>Analytica Chimica Acta</i> , 2019, 1056, 146-152.	2.6	25
104	Microalgae degradation follow up by voltammetric electronic tongue, impedance spectroscopy and NMR spectroscopy. <i>Sensors and Actuators B: Chemical</i> , 2019, 281, 44-52.	4.0	11
105	A simple and easy-to-prepare imidazole-based probe for the selective chromo-fluorogenic recognition of biothiols and Cu(II) in aqueous environments. <i>Dyes and Pigments</i> , 2019, 162, 303-308.	2.0	32
106	A Versatile New Paradigm for the Design of Optical Nanosensors Based on Enzyme-Mediated Detachment of Labeled Reporters: The Example of Urea Detection. <i>Chemistry - A European Journal</i> , 2019, 25, 3575-3581.	1.7	11
107	Magnetic core mesoporous silica nanoparticles doped with dacarbazine and labelled with ^{99m} Tc for early and differential detection of metastatic melanoma by single photon emission computed tomography. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 1080-1087.	1.9	21
108	Cytotoxicity, genotoxicity, transplacental transfer and tissue disposition in pregnant rats mediated by nanoparticles: the case of magnetic core mesoporous silica nanoparticles. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 527-538.	1.9	28

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109	11B-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
110	Indirect calculation of monoclonal antibodies in nanoparticles using the radiolabeling process with technetium 99 metastable as primary factor: Alternative methodology for the entrapment efficiency. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 153, 90-94.	1.4	9
111	A dual channel sulphur-containing a macrocycle functionalised BODIPY probe for the detection of Hg(II) in a mixed aqueous solution. <i>New Journal of Chemistry</i> , 2018, 42, 7863-7868.	1.4	21
112	Anilinopyridine-metal complexes for the selective chromogenic sensing of cyanide anion. <i>Journal of Coordination Chemistry</i> , 2018, 71, 786-796.	0.8	7
113	Gated Porous Materials for Biomedical Applications. From <i>Biomaterials Towards Medical Devices</i> , 2018, , 113-183.	0.0	1
114	Future Perspective on the Smart Delivery of Biomolecules. From <i>Biomaterials Towards Medical Devices</i> , 2018, , 363-371.	0.0	2
115	Toward chemical communication between nanodevices. <i>Nano Today</i> , 2018, 18, 8-11.	6.2	15
116	Full inhibition of enzymatic browning in the presence of thiol-functionalised silica nanomaterial. <i>Food Chemistry</i> , 2018, 241, 199-205.	4.2	23
117	Nanocarriers as phototherapeutic drug delivery system: Appraisal of three different nanosystems in an in vivo and in vitro exploratory study. <i>Photodiagnosis and Photodynamic Therapy</i> , 2018, 21, 43-49.	1.3	15
118	Polyllysine-Capped Mesoporous Silica Nanoparticles as Carrier of the C9h Peptide to Induce Apoptosis in Cancer Cells. <i>Chemistry - A European Journal</i> , 2018, 24, 1890-1897.	1.7	29
119	Selective and sensitive colorimetric detection of the neurotransmitter serotonin based on the aggregation of bifunctionalised gold nanoparticles. <i>Sensors and Actuators B: Chemical</i> , 2018, 258, 829-835.	4.0	46
120	Lectin-gated and glycan functionalized mesoporous silica nanocontainers for targeting cancer cells overexpressing Lewis X antigen. <i>Nanoscale</i> , 2018, 10, 239-249.	2.8	23
121	Recent advances on intelligent packaging as tools to reduce food waste. <i>Journal of Cleaner Production</i> , 2018, 172, 3398-3409.	4.6	198
122	In loco retention effect of magnetic core mesoporous silica nanoparticles doped with trastuzumab as intralesional nanodrug for breast cancer. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 725-733.	1.9	8
123	Antimicrobial activity of commercial calcium phosphate based materials functionalized with vanillin. <i>Acta Biomaterialia</i> , 2018, 81, 293-303.	4.1	21
124	Biocompatible Phenylboronic-Acid-Capped ZnS Nanocrystals Designed As Caps in Mesoporous Silica Hybrid Materials for on-Demand pH-Triggered Release In Cancer Cells. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 34029-34038.	4.0	13
125	Anchoring Gated Mesoporous Silica Particles to Ethylene Vinyl Alcohol Films for Smart Packaging Applications. <i>Nanomaterials</i> , 2018, 8, 865.	1.9	9
126	Mesoporous Bioactive Glasses Equipped with Stimuli-Responsive Molecular Gates for Controlled Delivery of Levofloxacin against Bacteria. <i>Chemistry - A European Journal</i> , 2018, 24, 18944-18951.	1.7	19

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127	Design of oligonucleotide-capped mesoporous silica nanoparticles for the detection of miRNA-145 by duplex and triplex formation. <i>Sensors and Actuators B: Chemical</i> , 2018, 277, 598-603.	4.0	15
128	A voltammetric e-tongue tool for the emulation of the sensorial analysis and the discrimination of vegetal milks. <i>Sensors and Actuators B: Chemical</i> , 2018, 270, 231-238.	4.0	32
129	Toxicological assessment of mesoporous silica particles in the nematode <i>Caenorhabditis elegans</i> . <i>Environmental Research</i> , 2018, 166, 61-70.	3.7	24
130	Functionalized Silica Nanomaterials as a New Tool for New Industrial Applications. , 2018, , 165-196.		3
131	Chromogenic and Fluorogenic Probes for the Detection of Illicit Drugs. <i>ChemistryOpen</i> , 2018, 7, 401-428.	0.9	31
132	Drug Delivery Nanosystems for the Localized Treatment of Glioblastoma Multiforme. <i>Materials</i> , 2018, 11, 779.	1.3	71
133	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
134	Improving the Antimicrobial Power of Low-effective Antimicrobial Molecules Through Nanotechnology. <i>Journal of Food Science</i> , 2018, 83, 2140-2147.	1.5	18
135	Functional Magnetic Mesoporous Silica Microparticles Capped with an Azo-Derivative: A Promising Colon Drug Delivery Device. <i>Molecules</i> , 2018, 23, 375.	1.7	11
136	Quantitative Determination of Spring Water Quality Parameters via Electronic Tongue. <i>Sensors</i> , 2018, 18, 40.	2.1	12
137	A versatile drug delivery system targeting senescent cells. <i>EMBO Molecular Medicine</i> , 2018, 10, .	3.3	204
138	Hybrid Mesoporous Nanocarriers Act by Processing Logic Tasks: Toward the Design of Nanobots Capable of Reading Information from the Environment. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 26494-26500.	4.0	19
139	Effect of obesity on biodistribution of nanoparticles. <i>Journal of Controlled Release</i> , 2018, 281, 11-18.	4.8	22
140	Smart gated magnetic silica mesoporous particles for targeted colon drug delivery: New approaches for inflammatory bowel diseases treatment. <i>Journal of Controlled Release</i> , 2018, 281, 58-69.	4.8	39
141	Mesoporous silica microparticles gated with a bulky azo derivative for the controlled release of dyes/drugs in colon. <i>Royal Society Open Science</i> , 2018, 5, 180873.	1.1	6
142	4-(4,5-Diphenyl-1H-imidazole-2-yl)-N,N-dimethylaniline-Cu(II) complex, a highly selective probe for glutathione sensing in water-acetonitrile mixtures. <i>Dyes and Pigments</i> , 2018, 159, 45-48.	2.0	15
143	A Voltammetric Electronic Tongue for the Quantitative Analysis of Quality Parameters in Wastewater. <i>Electroanalysis</i> , 2017, 29, 1147-1153.	1.5	14
144	Targeting inflammasome by the inhibition of caspase-1 activity using capped mesoporous silica nanoparticles. <i>Journal of Controlled Release</i> , 2017, 248, 60-70.	4.8	31

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145	Selective Fluorogenic Sensing of As(III) Using Aptamer-Capped Nanomaterials. ACS Applied Materials & Interfaces, 2017, 9, 11332-11336.	4.0	64
146	Enzyme-Controlled Nanodevice for Acetylcholine-Triggered Cargo Delivery Based on Janus Au-Mesoporous Silica Nanoparticles. Chemistry - A European Journal, 2017, 23, 4276-4281.	1.7	27
147	Mesoporous silica materials for controlled delivery based on enzymes. Journal of Materials Chemistry B, 2017, 5, 3069-3083.	2.9	74
148	Pseudorotaxane capped mesoporous silica nanoparticles for 3,4-methylenedioxymethamphetamine (MDMA) detection in water. Chemical Communications, 2017, 53, 3559-3562.	2.2	25
149	A new class of silica-supported chromo-fluorogenic chemosensors for anion recognition based on a selenourea scaffold. Chemical Communications, 2017, 53, 3729-3732.	2.2	27
150	Acetylcholinesterase-capped Mesoporous Silica Nanoparticles Controlled by the Presence of Inhibitors. Chemistry - an Asian Journal, 2017, 12, 775-784.	1.7	7
151	Determination of the chemical warfare agents Sarin, Soman and Tabun in natural waters employing fluorescent hybrid silica materials. Sensors and Actuators B: Chemical, 2017, 246, 1056-1065.	4.0	35
152	Fluorogenic Sensing of Carcinogenic Bisphenol A using Aptamer-Capped Mesoporous Silica Nanoparticles. Chemistry - A European Journal, 2017, 23, 8581-8584.	1.7	33
153	Enhanced antimicrobial activity of essential oil components immobilized on silica particles. Food Chemistry, 2017, 233, 228-236.	4.2	70
154	An OFF-ON Two-Photon Fluorescent Probe for Tracking Cell Senescence <i>in Vivo</i> . Journal of the American Chemical Society, 2017, 139, 8808-8811.	6.6	138
155	Avoiding the mononuclear phagocyte system using human albumin for mesoporous silica nanoparticle system. Microporous and Mesoporous Materials, 2017, 251, 181-189.	2.2	36
156	Interactive models of communication at the nanoscale using nanoparticles that talk to one another. Nature Communications, 2017, 8, 15511.	5.8	96
157	Design of a low-cost equipment for optical hyperthermia. Sensors and Actuators A: Physical, 2017, 255, 61-70.	2.0	5
158	Molecular gates in mesoporous bioactive glasses for the treatment of bone tumors and infection. Acta Biomaterialia, 2017, 50, 114-126.	4.1	54
159	A <i>Mycoplasma</i> Genomic DNA Probe using Gated Nanoporous Anodic Alumina. ChemPlusChem, 2017, 82, 337-341.	1.3	13
160	NO ₂ -controlled cargo delivery from gated silica mesoporous nanoparticles. Chemical Communications, 2017, 53, 585-588.	2.2	16
161	Gated Mesoporous Silica Nanocarriers for a Two-Step-Targeted System to Colonic Tissue. Molecular Pharmaceutics, 2017, 14, 4442-4453.	2.3	18
162	Implementation of oligonucleotide-gated supports for the electrochemical detection of Ochratoxin A. Supramolecular Chemistry, 2017, 29, 776-783.	1.5	4

#	ARTICLE	IF	CITATIONS
163	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
164	Capped Mesoporous Silica Nanoparticles for the Selective and Sensitive Detection of Cyanide. <i>Chemistry - an Asian Journal</i> , 2017, 12, 2670-2674.	1.7	21
165	Two New Fluorogenic Aptasensors Based on Capped Mesoporous Silica Nanoparticles to Detect Ochratoxin A. <i>ChemistryOpen</i> , 2017, 6, 653-659.	0.9	20
166	Au-Mesoporous silica nanoparticles gated with disulfide-linked oligo(ethylene glycol) chains for tunable cargo delivery mediated by an integrated enzymatic control unit. <i>Journal of Materials Chemistry B</i> , 2017, 5, 6734-6739.	2.9	17
167	Ex Vivo Tracking of Endogenous CO with a Ruthenium(II) Complex. <i>Journal of the American Chemical Society</i> , 2017, 139, 18484-18487.	6.6	74
168	Mesoporous silica as multiple nanoparticles systems for inflammation imaging as nano-radiopharmaceuticals. <i>Microporous and Mesoporous Materials</i> , 2017, 239, 426-431.	2.2	16
169	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
170	Protection of folic acid through encapsulation in mesoporous silica particles included in fruit juices. <i>Food Chemistry</i> , 2017, 218, 471-478.	4.2	43
171	Broadening the antibacterial spectrum of histidine kinase autophosphorylation inhibitors via the use of μ -poly-L-lysine capped mesoporous silica-based nanoparticles. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017, 13, 569-581.	1.7	19
172	Development of a Textile Nanocomposite as Naked Eye Indicator of the Exposition to Strong Acids. <i>Sensors</i> , 2017, 17, 2134.	2.1	9
173	Nanomaterials-based optoelectronic noses for food monitoring and classification. , 2017, , 1-33.		0
174	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
175	Rapid Biosynthesis of Silver Nanoparticles Using Pepino (<i>Solanum muricatum</i>) Leaf Extract and Their Cytotoxicity on HeLa Cells. <i>Materials</i> , 2016, 9, 325.	1.3	22
176	Self-Immolative Linkers as Caps for the Design of Gated Silica Mesoporous Supports. <i>Chemistry - A European Journal</i> , 2016, 22, 14126-14130.	1.7	14
177	Molecular gated nanoporous anodic alumina for the detection of cocaine. <i>Scientific Reports</i> , 2016, 6, 38649.	1.6	30
178	Meat and Fish Spoilage Measured by Electronic Tongues. , 2016, , 199-207.		1
179	Protective effect of mesoporous silica particles on encapsulated folates. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2016, 105, 9-17.	2.0	15
180	Enrichment of stirred yogurts with folic acid encapsulated in pH-responsive mesoporous silica particles: Bioaccessibility modulation and physico-chemical characterization. <i>LWT - Food Science and Technology</i> , 2016, 72, 351-360.	2.5	17

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181	Stability of different mesoporous silica particles during an <i>in vitro</i> digestion. <i>Microporous and Mesoporous Materials</i> , 2016, 230, 196-207.	2.2	23
182	Biphenyl derivatives containing trimethylsilyl benzyl ether or oxime groups as probes for NO ₂ detection. <i>RSC Advances</i> , 2016, 6, 43719-43723.	1.7	2
183	Selective chromo-fluorogenic detection of trivalent cations in aqueous environments using a dehydration reaction. <i>New Journal of Chemistry</i> , 2016, 40, 9042-9045.	1.4	25
184	Curcumin-Based Enhanced S _N Ar-Promoted Ultrafast Fluorescent Probe for Thiophenols Detection in Aqueous Solution and in Living Cells. <i>Analytical Chemistry</i> , 2016, 88, 10499-10503.	3.2	42
185	Monitoring dissolved orthophosphate in a struvite precipitation reactor with a voltammetric electronic tongue. <i>Talanta</i> , 2016, 159, 80-86.	2.9	5
186	Surface Enhanced Raman Scattering and Gated Materials for Sensing Applications: The Ultrasensitive Detection of <i>Mycoplasma</i> and Cocaine. <i>Chemistry - A European Journal</i> , 2016, 22, 13488-13495.	1.7	17
187	Polyglutamic Acid-Gated Mesoporous Silica Nanoparticles for Enzyme-Controlled Drug Delivery. <i>Langmuir</i> , 2016, 32, 8507-8515.	1.6	40
188	Frontispiece: A Rapid and Sensitive Strip-Based Quick Test for Nerve Agents Tabun, Sarin, and Soman Using BODIPY-Modified Silica Materials. <i>Chemistry - A European Journal</i> , 2016, 22, .	1.7	0
189	Anions as Triggers in Controlled Release Protocols from Mesoporous Silica Nanoparticles Functionalized with Macrocyclic Copper(II) Complexes. <i>Chemistry - A European Journal</i> , 2016, 22, 13935-13945.	1.7	9
190	Frontispiece: Self-Immolative Linkers as Caps for the Design of Gated Silica Mesoporous Supports. <i>Chemistry - A European Journal</i> , 2016, 22, .	1.7	0
191	Selective and Sensitive Chromogenic Detection of Trivalent Metal Cations in Water. <i>Bulletin of the Chemical Society of Japan</i> , 2016, 89, 498-500.	2.0	8
192	Acetylcholinesterase-Capped Mesoporous Silica Nanoparticles That Open in the Presence of Diisopropylfluorophosphate (a Sarin or Soman Simulant). <i>Organic Letters</i> , 2016, 18, 5548-5551.	2.4	20
193	Targeting Innate Immunity with dsRNA-Conjugated Mesoporous Silica Nanoparticles Promotes Antitumor Effects on Breast Cancer Cells. <i>Chemistry - A European Journal</i> , 2016, 22, 1582-1586.	1.7	30
194	A Rapid and Sensitive Strip-Based Quick Test for Nerve Agents Tabun, Sarin, and Soman Using BODIPY-Modified Silica Materials. <i>Chemistry - A European Journal</i> , 2016, 22, 11138-11142.	1.7	48
195	Chromogenic Detection of Aqueous Formaldehyde Using Functionalized Silica Nanoparticles. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 14318-14322.	4.0	70
196	Detection of prostate cancer using a voltammetric electronic tongue. <i>Analyst</i> , 2016, 141, 4562-4567.	1.7	18
197	Thrombin-Responsive Gated Silica Mesoporous Nanoparticles As Coagulation Regulators. <i>Langmuir</i> , 2016, 32, 1195-1200.	1.6	26
198	Chromo-fluorogenic probes for carbon monoxide detection. <i>Chemical Communications</i> , 2016, 52, 5902-5911.	2.2	73

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199	Neoglycoenzyme-Gated Mesoporous Silica Nanoparticles: Toward the Design of Nanodevices for Pulsatile Programmed Sequential Delivery. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 7657-7665.	4.0	26
200	Development and Testing of a New Instrument for Researching on Cancer Treatment Technologies Based on Magnetic Hyperthermia. <i>IEEE Journal of Emerging and Selected Topics in Power Electronics</i> , 2016, 4, 243-251.	3.7	4
201	Gated Materials for On-Command Release of Guest Molecules. <i>Chemical Reviews</i> , 2016, 116, 561-718.	23.0	420
202	Encapsulation of folic acid in different silica porous supports: A comparative study. <i>Food Chemistry</i> , 2016, 196, 66-75.	4.2	38
203	Study of the Dependency of the Specific Power Absorption Rate on Several Characteristics of the Excitation Magnetic Signal when Irradiating a SPION-containing Ferrofluid. <i>Journal of Magnetism</i> , 2016, 21, 460-467.	0.2	4
204	Gated Silica Mesoporous Materials in Sensing Applications. <i>ChemistryOpen</i> , 2015, 4, 418-437.	0.9	129
205	Ruthenium(II) and Osmium(II) Vinyl Complexes as Highly Sensitive and Selective Chromogenic and Fluorogenic Probes for the Sensing of Carbon Monoxide in Air. <i>Chemistry - A European Journal</i> , 2015, 21, 14529-14538.	1.7	41
206	Frontispiece: Hexametaphosphate-Capped Silica Mesoporous Nanoparticles Containing Cu Complexes for the Selective and Sensitive Optical Detection of Hydrogen Sulfide in Water. <i>Chemistry - A European Journal</i> , 2015, 21, n/a-n/a.	1.7	0
207	A Boron Dipyrromethene (BODIPY)-Based Cu ^{II} -Bipyridine Complex for Highly Selective NO Detection. <i>Chemistry - A European Journal</i> , 2015, 21, 15486-15490.	1.7	19
208	Caspase 3 Targeted Cargo Delivery in Apoptotic Cells Using Capped Mesoporous Silica Nanoparticles. <i>Chemistry - A European Journal</i> , 2015, 21, 15506-15510.	1.7	14
209	A New Simple Chromo-fluorogenic Probe for NO ₂ Detection in Air. <i>Chemistry - A European Journal</i> , 2015, 21, 8720-8722.	1.7	9
210	Mesoporous Silica-Based Supports for the Controlled and Targeted Release of Bioactive Molecules in the Gastrointestinal Tract. <i>Journal of Food Science</i> , 2015, 80, E2504-16.	1.5	27
211	2,4-dinitrophenyl ether-containing chemodosimeters for the selective and sensitive <i>in vitro</i> and <i>in vivo</i> detection of hydrogen sulfide. <i>Supramolecular Chemistry</i> , 2015, 27, 244-254.	1.5	9
212	A Chalcone-Based Highly Selective and Sensitive Chromofluorogenic Probe for Trivalent Metal Cations. <i>ChemPlusChem</i> , 2015, 80, 800-804.	1.3	12
213	Gated Mesoporous Silica Nanoparticles for the Controlled Delivery of Drugs in Cancer Cells. <i>Langmuir</i> , 2015, 31, 3753-3762.	1.6	104
214	A derivatization approach using pyrylium salts for the sensitive and simple determination of sulfide in spring water by high performance liquid chromatography. <i>Journal of Chromatography A</i> , 2015, 1407, 184-192.	1.8	11
215	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
216	Synthesis and evaluation of the chromo-fluorogenic recognition ability of imidazoquinoline derivatives toward ions. <i>Dyes and Pigments</i> , 2015, 122, 50-58.	2.0	12

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217	Hydrolysis of DCNP (a Tabun mimic) catalysed by mesoporous silica nanoparticles. <i>Microporous and Mesoporous Materials</i> , 2015, 217, 30-38.	2.2	7
218	Hexametaphosphate-capped Silica Mesoporous Nanoparticles Containing Cu ^{II} Complexes for the Selective and Sensitive Optical Detection of Hydrogen Sulfide in Water. <i>Chemistry - A European Journal</i> , 2015, 21, 7002-7006.	1.7	26
219	Bactericidal activity of caprylic acid entrapped in mesoporous silica nanoparticles. <i>Food Control</i> , 2015, 56, 77-85.	2.8	22
220	Towards the design of organocatalysts for nerve agents remediation: The case of the active hydrolysis of DCNP (a Tabun mimic) catalyzed by simple amine-containing derivatives. <i>Journal of Hazardous Materials</i> , 2015, 298, 73-82.	6.5	14
221	Colorimetric detection of hazardous gases using a remotely operated capturing and processing system. <i>ISA Transactions</i> , 2015, 59, 434-442.	3.1	7
222	Synthesis and In-Vitro Evaluation of a Photosensitizer-BODIPY Derivative for Potential Photodynamic Therapy Applications. <i>Chemistry - an Asian Journal</i> , 2015, 10, 2121-2125.	1.7	11
223	Ceramic foam supported active materials for boron remediation in water. <i>Desalination</i> , 2015, 374, 10-19.	4.0	3
224	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
225	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
226	Development of a colorimetric sensor array for squid spoilage assessment. <i>Food Chemistry</i> , 2015, 175, 315-321.	4.2	50
227	Highly selective and sensitive detection of glutathione using mesoporous silica nanoparticles capped with disulfide-containing oligo(ethylene glycol) chains. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 1017-1021.	1.5	30
228	Oligonucleotide-capped mesoporous silica nanoparticles as DNA-responsive dye delivery systems for genomic DNA detection. <i>Chemical Communications</i> , 2015, 51, 1414-1416.	2.2	33
229	Azide and sulfonylazide functionalized fluorophores for the selective and sensitive detection of hydrogen sulfide. <i>Sensors and Actuators B: Chemical</i> , 2015, 207, 987-994.	4.0	21
230	A new chromo-fluorogenic probe based on BODIPY for NO ₂ detection in air. <i>Chemical Communications</i> , 2015, 51, 1725-1727.	2.2	21
231	Modulation of folic acid bioaccessibility by encapsulation in pH-responsive gated mesoporous silica particles. <i>Microporous and Mesoporous Materials</i> , 2015, 202, 124-132.	2.2	24
232	Proof of concept of using chromogenic arrays as a tool to identify blue cheese varieties. <i>Food Chemistry</i> , 2015, 172, 823-830.	4.2	13
233	Enhanced antifungal efficacy of tebuconazole using gated pH-driven mesoporous nanoparticles. <i>International Journal of Nanomedicine</i> , 2014, 9, 2597.	3.3	26
234	Thin-layer chromatographic image analysis for the determination of sulfide ions using pyrylium cations. <i>Journal of Planar Chromatography - Modern TLC</i> , 2014, 27, 240-244.	0.6	5

#	ARTICLE	IF	CITATIONS
235	Highly Selective Fluorescence Detection of Hydrogen Sulfide by Using an Anthracene-Functionalized Cyclam-Cu ^{II} Complex. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 41-45.	1.0	37
236	Virtual Issue: Molecular Sensors. <i>ChemistryOpen</i> , 2014, 3, 232-232.	0.9	4
237	Biomaterials: Towards the Development of Smart 3D α -Gated Scaffolds for On-Command Delivery (Small 23/2014). <i>Small</i> , 2014, 10, 4858-4858.	5.2	0
238	A Chromogenic Probe for the Selective Recognition of Sarin and Soman Mimic DFP. <i>ChemistryOpen</i> , 2014, 3, 142-145.	0.9	28
239	Monitorization of Atlantic salmon (<i>Salmo salar</i>) spoilage using an optoelectronic nose. <i>Sensors and Actuators B: Chemical</i> , 2014, 195, 478-485.	4.0	34
240	A novel colorimetric sensor array for monitoring fresh pork sausages spoilage. <i>Food Control</i> , 2014, 35, 166-176.	2.8	109
241	Off-on BODIPY-based chemosensors for selective detection of Al ³⁺ and Cr ³⁺ versus Fe ³⁺ in aqueous media. <i>RSC Advances</i> , 2014, 4, 8962-8965.	1.7	33
242	Enzyme-Responsive Intracellular-Controlled Release Using Silica Mesoporous Nanoparticles Capped with μ -Poly-L-lysine. <i>Chemistry - A European Journal</i> , 2014, 20, 5271-5281.	1.7	78
243	A Chemosensor Bearing Sulfonyl Azide Moieties for Selective Chromo-Fluorogenic Hydrogen Sulfide Recognition in Aqueous Media and in Living Cells. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 1848-1854.	1.2	19
244	Chromo-Fluorogenic Detection of Nitroaromatic Explosives by Using Silica Mesoporous Supports Gated with Tetrathiafulvalene Derivatives. <i>Chemistry - A European Journal</i> , 2014, 20, 855-866.	1.7	23
245	A chromogenic sensor array for boiled marinated turkey freshness monitoring. <i>Sensors and Actuators B: Chemical</i> , 2014, 190, 326-333.	4.0	31
246	Cathepsin-B Induced Controlled Release from Peptide-Capped Mesoporous Silica Nanoparticles. <i>Chemistry - A European Journal</i> , 2014, 20, 15309-15314.	1.7	50
247	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
248	Selective chromo-fluorogenic detection of DFP (a Sarin and Soman mimic) and DCNP (a Tabun mimic) with a unique probe based on a boron dipyrromethene (BODIPY) dye. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 8745-8751.	1.5	38
249	A Chromo-Fluorogenic Synthetic α -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
250	Chromo-fluorogenic BODIPY-complexes for selective detection of V-type nerve agent surrogates. <i>Chemical Communications</i> , 2014, 50, 13289-13291.	2.2	54
251	Towards the potential use of ¹ H NMR spectroscopy in urine samples for prostate cancer detection. <i>Analyst</i> , 2014, 139, 3875-3878.	1.7	15
252	BODIPY dyes functionalized with 2-(2-dimethylaminophenyl)ethanol moieties as selective OFF-ON fluorescent chemodosimeters for the nerve agent mimics DCNP and DFP. <i>RSC Advances</i> , 2014, 4, 15975-15982.	1.7	34

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253	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
254	Towards the Development of Smart 3D "Gated Scaffolds" for On-Command Delivery. <i>Small</i> , 2014, 10, 4859-4864.	5.2	28
255	Ammonium and Phosphate Quantification in Wastewater by Using a Voltammetric Electronic Tongue. <i>Electroanalysis</i> , 2014, 26, 588-595.	1.5	15
256	Detection and discrimination of organophosphorus pesticides in water by using a colorimetric probe array. <i>Sensors and Actuators B: Chemical</i> , 2014, 202, 727-731.	4.0	22
257	Towards Chemical Communication between Gated Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 12629-12633.	7.2	63
258	A surfactant-assisted probe for the chromo-fluorogenic selective recognition of GSH in water. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 1871.	1.5	21
259	An optoelectronic sensing device for CO detection in air based on a binuclear rhodium complex. <i>Sensors and Actuators B: Chemical</i> , 2014, 191, 257-263.	4.0	24
260	Delivery modulation in silica mesoporous supports via functionalization in the pore outlets with a Zn(II)-bis(2-pyridylmethyl)amine complex. <i>Inorganica Chimica Acta</i> , 2014, 417, 263-269.	1.2	4
261	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
262	Incorporation of Mesoporous Silica Particles in Gelatine Gels: Effect of Particle Type and Surface Modification on Physical Properties. <i>Langmuir</i> , 2014, 30, 6970-6979.	1.6	13
263	Polymer Composites Containing Gated Mesoporous Materials for On-Command Controlled Release. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 6453-6460.	4.0	31
264	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
265	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
266	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
267	TNT detection using a voltammetric electronic tongue based on neural networks. <i>Sensors and Actuators A: Physical</i> , 2013, 192, 1-8.	2.0	25
268	Gated hybrid delivery systems: En route to sensory materials with inherent signal amplification. <i>Coordination Chemistry Reviews</i> , 2013, 257, 2589-2606.	9.5	25
269	Monitoring grape ripeness using a voltammetric electronic tongue. <i>Food Research International</i> , 2013, 54, 1369-1375.	2.9	29
270	Monitoring Wastewater Treatment Using Voltammetric Electronic Tongues. <i>Smart Sensors, Measurement and Instrumentation</i> , 2013, , 65-103.	0.4	0

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271	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
272	A new fluorescent turn-on chemodosimeter for the detection of hydrogen sulfide in water and living cells. <i>RSC Advances</i> , 2013, 3, 25690.	1.7	19
273	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
274	Gated Silica Mesoporous Supports for Controlled Release and Signaling Applications. <i>Accounts of Chemical Research</i> , 2013, 46, 339-349.	7.6	234
275	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
276	Neutral 1,3-diindolylureas for Nerve Agent Remediation. <i>Chemistry - A European Journal</i> , 2013, 19, 1586-1590.	1.7	33
277	Enzyme-Responsive Silica Mesoporous Supports Capped with Azopyridinium Salts for Controlled Delivery Applications. <i>Chemistry - A European Journal</i> , 2013, 19, 1346-1356.	1.7	39
278	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
279	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
280	Enhanced Efficacy and Broadening of Antibacterial Action of Drugs via the Use of Capped Mesoporous Nanoparticles. <i>Chemistry - A European Journal</i> , 2013, 19, 11167-11171.	1.7	31
281	Selective, Sensitive, and Rapid Analysis with Lateral-Flow Assays Based on Antibody-Gated Dye-Delivery Systems: The Example of Triacetone Triperoxide. <i>Chemistry - A European Journal</i> , 2013, 19, 4117-4122.	1.7	43
282	Tetrathiafulvalene-Capped Hybrid Materials for the Optical Detection of Explosives. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 1538-1543.	4.0	28
283	Glucose-triggered release using enzyme-gated mesoporous silica nanoparticles. <i>Chemical Communications</i> , 2013, 49, 6391.	2.2	95
284	Enzyme-Controlled Sensing-Actuating Nanomachine Based on Janus Au-Mesoporous Silica Nanoparticles. <i>Chemistry - A European Journal</i> , 2013, 19, 7889-7894.	1.7	59
285	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
286	Organic-Inorganic Hybrid Mesoporous Materials as Regenerable Sensing Systems for the Recognition of Nitroaromatic Explosives. <i>ChemPlusChem</i> , 2013, 78, 684-694.	1.3	15
287	An aptamer-gated silica mesoporous material for thrombin detection. <i>Chemical Communications</i> , 2013, 49, 5480.	2.2	89
288	Thiol-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

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289	An Instantaneous and Highly Selective Chromofluorogenic Chemodosimeter for Fluoride Anion Detection in Pure Water. <i>ChemistryOpen</i> , 2013, 2, 58-62.	0.9	21
290	Thiol-addition reactions and their applications in thiol recognition. <i>Chemical Society Reviews</i> , 2013, 42, 6032.	18.7	510
291	CO-Releasing Binuclear Rhodium Complexes as Inhibitors of Nitric Oxide Generation in Stimulated Macrophages. <i>Inorganic Chemistry</i> , 2013, 52, 13806-13808.	1.9	11
292	An Electronic Tongue Designed to Detect Ammonium Nitrate in Aqueous Solutions. <i>Sensors</i> , 2013, 13, 14064-14078.	2.1	16
293	A Simple Probe for the Colorimetric Detection of Carbon Dioxide. <i>Chemistry - A European Journal</i> , 2013, 19, 17301-17304.	1.7	22
294	Nanotechnology in the Development of Novel Functional Foods or their Package. An Overview Based in Patent Analysis. <i>Recent Patents on Food, Nutrition & Agriculture</i> , 2013, 5, 35-43.	0.5	28
295	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
296	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
297	Antibody-Capped Mesoporous Nanoscopic Materials: Design of a Probe for the Selective Chromofluorogenic Detection of Finasteride. <i>ChemistryOpen</i> , 2012, 1, 251-259.	0.9	24
298	A Novel Humid Electronic Nose Based on Voltammetry. <i>Procedia Engineering</i> , 2012, 47, 941-944.	1.2	0
299	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
300	Aryl carbinols as nerve agent probes. Influence of the conjugation on the sensing properties. <i>New Journal of Chemistry</i> , 2012, 36, 1485.	1.4	11
301	Low-cost materials for boron adsorption from water. <i>Journal of Materials Chemistry</i> , 2012, 22, 25362.	6.7	23
302	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
303	Synthesis of a new tripodal chemosensor based on 2,4,6-triethyl-1,3,5-trimethylbenzene scaffolding bearing thiourea and fluorescein for the chromo-fluorogenic detection of anions. <i>Tetrahedron Letters</i> , 2012, 53, 5110-5113.	0.7	14
304	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
305	Monitoring of chicken meat freshness by means of a colorimetric sensor array. <i>Analyst</i> , 2012, 137, 3635.	1.7	98
306	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

#	ARTICLE	IF	CITATIONS
307	Delivery Modulation in Silica Mesoporous Supports via Alkyl Chain Pore Outlet Decoration. <i>Langmuir</i> , 2012, 28, 2986-2996.	1.6	24
308	Targeted Cargo Delivery in Senescent Cells Using Capped Mesoporous Silica Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 10556-10560.	7.2	122
309	Azobenzene Polyesters Used as Gate-Like Scaffolds in Nanoscopic Hybrid Systems. <i>Chemistry - A European Journal</i> , 2012, 18, 13068-13078.	1.7	22
310	A Photoactivated Molecular Gate. <i>Chemistry - A European Journal</i> , 2012, 18, 12218-12221.	1.7	35
311	Fish Freshness Decay Measurement with a Colorimetric Array. <i>Procedia Engineering</i> , 2012, 47, 1362-1365.	1.2	17
312	Glyphosate Detection by Means of a Voltammetric Electronic Tongue and Discrimination of Potential Interferents. <i>Sensors</i> , 2012, 12, 17553-17568.	2.1	29
313	Nerve agent simulant detection by using chromogenic triaryl methane cation probes. <i>Tetrahedron</i> , 2012, 68, 8612-8616.	1.0	28
314	Amidase-responsive controlled release of antitumoral drug into intracellular media using gluconamide-capped mesoporous silica nanoparticles. <i>Nanoscale</i> , 2012, 4, 7237.	2.8	39
315	Opening Up the World of Chemistry. <i>ChemistryOpen</i> , 2012, 1, 4-4.	0.9	0
316	Dual Enzyme-Triggered Controlled Release on Capped Nanometric Silica Mesoporous Supports. <i>ChemistryOpen</i> , 2012, 1, 17-20.	0.9	59
317	Selective Detection of Nerve Agent Simulants by Using Triarylmethanol-Based Chromogenic Chemodosimeters. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 4937-4946.	1.2	38
318	Optical chemosensors and reagents to detect explosives. <i>Chemical Society Reviews</i> , 2012, 41, 1261-1296.	18.7	1,019
319	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
320	A new selective fluorogenic probe for trivalent cations. <i>Chemical Communications</i> , 2012, 48, 3000.	2.2	246
321	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
322	A method of pulse array design for voltammetric electronic tongues. <i>Sensors and Actuators B: Chemical</i> , 2012, 161, 556-563.	4.0	20
323	Highly effective activation of aryl chlorides for Suzuki coupling in aqueous media using a ferrocene-based Pd(II)-diimine catalyst. <i>Tetrahedron Letters</i> , 2012, 53, 2388-2391.	0.7	25
324	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

#	ARTICLE	IF	CITATIONS
325	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
326	Squaraine dyes in the Y zeolite "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
327	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
328	Nutritional effects of folic acid controlled release from mesoporous materials. <i>Procedia Food Science</i> , 2011, 1, 1828-1832.	0.6	7
329	Mimicking tricks from nature with sensory organic-inorganic hybrid materials. <i>Journal of Materials Chemistry</i> , 2011, 21, 12588.	6.7	36
330	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
331	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
332	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
333	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
334	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
335	Nanoscope optical sensors based on functional supramolecular hybrid materials. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 399, 55-74.	1.9	39
336	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
337	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
338	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
339	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
340	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
341	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
342	Recent Patents in Food Nanotechnology. <i>Recent Patents on Food, Nutrition & Agriculture</i> , 2011, 3, 172-178.	0.5	4

#	ARTICLE	IF	CITATIONS
343	Chromo-Fluorogenic 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
344	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
345	Use of a Voltammetric Electronic Tongue for Detection and Classification of Nerve Agent Mimics. <i>Electroanalysis</i> , 2010, 22, 1643-1649.	1.5	12
346	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
347	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
348	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
349	Controlled Delivery Using Oligonucleotide-Capped Mesoporous Silica Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 7281-7283.	7.2	234
350	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
351	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
352	A potentiometric electronic tongue to monitor meat freshness. , 2010, , .		3
353	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
354	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
355	Enzyme-Responsive Intracellular Controlled Release Using Nanometric Silica Mesoporous Supports Capped with Saccharides. <i>ACS Nano</i> , 2010, 4, 6353-6368.	7.3	286
356	Functional Aromatic Polyethers: Polymers with Tunable Chromogenic and Fluorogenic Properties. <i>Macromolecules</i> , 2010, 43, 7111-7121.	2.2	14
357	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
358	Controlled release using mesoporous materials containing gate-like scaffoldings. <i>Expert Opinion on Drug Delivery</i> , 2009, 6, 643-655.	2.4	97
359	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
360	Design and Implementation of an Electronic Nose System for the Determination of Fish Freshness. , 2009, , .		1

#	ARTICLE	IF	CITATIONS
361	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
362	Borate-Driven Gatelike Scaffolding Using Mesoporous Materials Functionalised with Saccharides. <i>Chemistry - A European Journal</i> , 2009, 15, 6877-6888.	1.7	78
363	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
364	Efficient Removal of Anionic Surfactants Using Mesoporous Functionalised Hybrid Materials. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 3770-3777.	1.0	15
365	Determination of Bisulfites in Wines with an Electronic Tongue Based on Pulse Voltammetry. <i>Electroanalysis</i> , 2009, 21, 612-617.	1.5	24
366	Enzyme-Responsive Controlled Release Using Mesoporous Silica Supports Capped with Lactose. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 5884-5887.	7.2	236
367	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
368	Use of a voltammetric electronic tongue for predicting levels of nerve agent mimics. <i>Procedia Chemistry</i> , 2009, 1, 325-328.	0.7	6
369	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
370	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
371	A new model based on experimental results for the thermal characterization of bricks. <i>Building and Environment</i> , 2009, 44, 1047-1052.	3.0	31
372	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
373	Controlled Delivery Systems Using Antibody-Capped Mesoporous Nanocontainers. <i>Journal of the American Chemical Society</i> , 2009, 131, 14075-14080.	6.6	235
374	Surfactant-assisted chromogenic sensing of cyanide in water. <i>New Journal of Chemistry</i> , 2009, 33, 1641.	1.4	64
375	Colorimetric sensing of pyrophosphate in aqueous media using bis-functionalised silica surfaces. <i>Dalton Transactions</i> , 2009, , 4806.	1.6	21
376	2,4,6-Triphenylpyrylium Cations as Derivatization Reagents for Sulfide Ions Detection in TLC. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2009, 184, 1139-1148.	0.8	4
377	Discrimination between % amino acids with chromogenic acyclic tripodal receptors functionalized with stilbazolium dyes. <i>Tetrahedron Letters</i> , 2008, 49, 1997-2001.	0.7	17
378	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

#	ARTICLE	IF	CITATIONS
379	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
380	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
381	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
382	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
383	Fish freshness analysis using metallic potentiometric electrodes. <i>Sensors and Actuators B: Chemical</i> , 2008, 131, 362-370.	4.0	79
384	Freshness monitoring of sea bream (<i>Sparus aurata</i>) with a potentiometric sensor. <i>Food Chemistry</i> , 2008, 108, 681-688.	4.2	86
385	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
386	Chromogenic detection of nerve agent mimics. <i>Chemical Communications</i> , 2008, , 6002.	2.2	98
387	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
388	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
389	Ion-selective electrodes for anionic surfactants using a cyclam derivative as ionophore. <i>Talanta</i> , 2008, 75, 317-325.	2.9	37
390	Hybrid functionalised mesoporous silica-polymer composites for enhanced analyte monitoring using optical sensors. <i>Journal of Materials Chemistry</i> , 2008, 18, 5815.	6.7	42
391	Chromogenic silica nanoparticles for the colorimetric sensing of long-chain carboxylates. <i>Chemical Communications</i> , 2008, , 1668.	2.2	33
392	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
393	Analysis of Fish Freshness by Using Metallic Potentiometric Electrodes. , 2007, , .		4
394	Hybridmaterialien in der analytischen Chemie. <i>Nachrichten Aus Der Chemie</i> , 2007, 55, 124-129.	0.0	4
395	A new ion-selective electrode for anionic surfactants. <i>Talanta</i> , 2007, 71, 333-338.	2.9	54
396	Chromogenic Signaling of Hydrogen Carbonate Anion with Pyrylium-Containing Polymers. <i>Organic Letters</i> , 2007, 9, 2429-2432.	2.4	37

#	ARTICLE	IF	CITATIONS
397	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.	2.2	80
398	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
399	Pure Silica Large Pore Zeolite ITQ-7: Synthetic Strategies, Structure-Directing Effects, and Control and Nature of Structural Disorder. <i>Chemistry of Materials</i> , 2007, 19, 1601-1612.	3.2	19
400	Ditopic N-Crowned 4-(p-Aminophenyl)-2,6-diphenylpyridines: Implications of Macrocycle Topology on the Spectroscopic Properties, Cation Complexation, and Differential Anion Responses. <i>Inorganic Chemistry</i> , 2007, 46, 3123-3135.	1.9	48
401	Nanosized Mesoporous Silica Coatings on Ceramic Foams: A New Hierarchical Rigid Monoliths. <i>Chemistry of Materials</i> , 2007, 19, 1082-1088.	3.2	24
402	Chromogenic and fluorogenic reagents for chemical warfare nerve agents' detection. <i>Chemical Communications</i> , 2007, , 4839.	2.2	189
403	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
404	Photochemical and Chemical Two-Channel Control of Functional Nanogated Hybrid Architectures. <i>Advanced Materials</i> , 2007, 19, 2228-2231.	11.1	160
405	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
406	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
407	Sensory hybrid host materials for the selective chromo-fluorogenic detection of biogenic amines. <i>Chemical Communications</i> , 2006, , 2239-2241.	2.2	72
408	Linear polyamines as carriers in thiocyanate-selective membrane electrodes. <i>Talanta</i> , 2006, 68, 1182-1189.	2.9	23
409	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
410	An Ion-selective Electrode for Anion Perchlorate in Thick-film Technology. <i>Sensors</i> , 2006, 6, 480-491.	2.1	11
411	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
412	Naphthoquinone derivatives as receptors for the chromogenic sensing of metal cations and anions. <i>Polyhedron</i> , 2006, 25, 1585-1591.	1.0	14
413	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
414	Bases for the synthesis of nanoparticulated silicas with bimodal hierarchical porosity. <i>Solid State Sciences</i> , 2006, 8, 940-951.	1.5	47

#	ARTICLE	IF	CITATIONS
415	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
416	The Supramolecular Chemistry of Organic-Inorganic Hybrid Materials. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 5924-5948.	7.2	510
417	New Methods for Anion Recognition and Signaling Using Nanoscopic Gatelike Scaffoldings. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 6661-6664.	7.2	107
418	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
419	A multisensor in thick-film technology for water quality control. <i>Sensors and Actuators A: Physical</i> , 2005, 120, 589-595.	2.0	85
420	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
421	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
422	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
423	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
424	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
425	New Advances in Fluorogenic Anion Chemosensors. <i>Journal of Fluorescence</i> , 2005, 15, 267-285.	1.3	165
426	N-(Methyl,propyl,trimethoxysilyl) Aniline, an Intermediate for Anchoring Dyes on Siliceous Supports. <i>Synthetic Communications</i> , 2005, 35, 1511-1516.	1.1	2
427	Anthrylmethylamine functionalised mesoporous silica-based materials as hybrid fluorescent chemosensors for ATP. <i>Journal of Materials Chemistry</i> , 2005, 15, 2721.	6.7	90
428	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
429	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
430	Colorimetric Signaling of Large Aromatic Hydrocarbons via the Enhancement of Aggregation Processes. <i>Organic Letters</i> , 2005, 7, 2337-2339.	2.4	26
431	New Chromogenic Probes into Nanoscopic Pockets in Enhanced Sensing Protocols for Amines in Aqueous Environments. <i>Organic Letters</i> , 2005, 7, 5469-5472.	2.4	36
432	Pyrylium-containing polymers as sensory materials for the colorimetric sensing of cyanide in water. <i>Chemical Communications</i> , 2005, , 2790.	2.2	175

#	ARTICLE	IF	CITATIONS
433	Chromogenic Discrimination of Primary Aliphatic Amines in Water with Functionalized Mesoporous Silica. <i>Advanced Materials</i> , 2004, 16, 1783-1786.	11.1	124
434	pH-Dependent ligands as carriers in transport experiments. <i>Comptes Rendus Chimie</i> , 2004, 7, 15-23.	0.2	3
435	Fluorogenic and Chromogenic Chemosensors and Reagents for Anions. <i>ChemInform</i> , 2004, 35, no.	0.1	0
436	Electro-optical triple-channel sensing of metal cations via multiple signalling patterns. <i>Tetrahedron Letters</i> , 2004, 45, 1257-1259.	0.7	89
437	New membrane perchlorate-selective electrodes containing polyazacycloalkanes as carriers. <i>Sensors and Actuators B: Chemical</i> , 2004, 101, 20-27.	4.0	27
438	New potentiometric dissolved oxygen sensors in thick film technology. <i>Sensors and Actuators B: Chemical</i> , 2004, 101, 295-301.	4.0	46
439	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
440	Stereodifferentiation in the Decay of Triplets and Biradicals Involved in Intramolecular Hydrogen Transfer from Phenols or Indoles to α -Aromatic Ketones. <i>Journal of Organic Chemistry</i> , 2004, 69, 374-381.	1.7	28
441	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
442	Efficient boron removal by using mesoporous matrices grafted with saccharides. <i>Chemical Communications</i> , 2004, , 2198-2199.	2.2	37
443	Squaraines as Fluorogenic 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
444	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
445	Toward the Development of Ionically Controlled Nanoscopic Molecular Gates. <i>Journal of the American Chemical Society</i> , 2004, 126, 8612-8613.	6.6	225
446	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
447	Fluorogenic and Chromogenic Chemosensors and Reagents for Anions. <i>Chemical Reviews</i> , 2003, 103, 4419-4476.	23.0	2,936
448	Towards the Development of Colorimetric Probes to Discriminate between Isomeric Dicarboxylates. <i>Angewandte Chemie</i> , 2003, 115, 671-674.	1.6	24
449	A Selective Chromogenic Reagent for Cyanide Determination.. <i>ChemInform</i> , 2003, 34, no.	0.1	0
450	Towards the Development of Colorimetric Probes to Discriminate between Isomeric Dicarboxylates. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 647-650.	7.2	142

#	ARTICLE	IF	CITATIONS
451	A New Chromo-chemodosimeter Selective for Sulfide Anion. <i>Journal of the American Chemical Society</i> , 2003, 125, 9000-9001.	6.6	338
452	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
453	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
454	A selective chromogenic reagent for cyanide determination. <i>Chemical Communications</i> , 2002, , 2248-2249.	2.2	218
455	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
456	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
457	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
458	A Selective Chromogenic Reagent for Nitrate. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 1416-1419.	7.2	110
459	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
460	Difunctionalised Chemosensors Containing Electroactive and Fluorescent Signalling Subunits. <i>European Journal of Inorganic Chemistry</i> , 2002, 2002, 866-875.	1.0	53
461	ATP Sensing with Anthryl-Functionalized Open-Chain Polyaza-alkanes. <i>Helvetica Chimica Acta</i> , 2002, 85, 1505.	1.0	27
462	Open-chain polyazaalkanes functionalised with pyrene groups as sensing fluorogenic receptors for metal ions. <i>Polyhedron</i> , 2002, 21, 1397-1404.	1.0	22
463	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
464	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
465	Title is missing!. <i>Transition Metal Chemistry</i> , 2002, 27, 307-310.	0.7	3
466	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
467	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
468	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

#	ARTICLE	IF	CITATIONS
469	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
470	ATP Recognition Through a Fluorescence Change in a Multicomponent Dinuclear System Containing a Ru(Tpy) ₂ ²⁺ Fluorescent Core and a Cyclam ²⁺ Cu ²⁺ Complex. <i>European Journal of Inorganic Chemistry</i> , 2001, 2001, 1221-1226.	1.0	36
471	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
472	Ferrocene ²⁺ -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
473	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
474	A Colorimetric ATP Sensor Based on 1,3,5-Triarylpent-2-en-1,5-diones This research was supported by the Ministerio de Ciencia y Tecnología (proyecto PB98-1430-C02-02, 1FD97-0508-C03-01, and Tj ETQq0 0 0 rgBT / Overlock 10 Jf 50 542 T) <i>Angewandte Chemie - International Edition</i> , 2001, 40, 2640-2643.	7.2	171
475	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
476	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
477	New Cu(II) and Zn(II) complexes of benzamide with diethylenetriamine: synthesis, spectroscopy and X-ray structures. <i>Polyhedron</i> , 2000, 19, 725-730.	1.0	13
478	Aza ²⁺ -oxa macrocyclic ligands functionalised with naphthylmethyl fluorescent groups. <i>Polyhedron</i> , 2000, 19, 1867-1872.	1.0	3
479	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
480	Polyaza and azaoxa macrocyclic receptors functionalised with fluorescent subunits; Hg ²⁺ selective signalling. <i>Dalton Transactions RSC</i> , 2000, , 1199-1205.	2.3	41
481	Synthesis, solution and electrochemical behaviour of new aza-crown ethers derived from biphenyl. <i>Dalton Transactions RSC</i> , 2000, , 361-367.	2.3	14
482	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
483	Coordinative versatility of the carbonic anhydrase inhibitor benzamide in zinc and copper model compounds. <i>Journal of Inorganic Biochemistry</i> , 1999, 75, 189-198.	1.5	18
484	Redox-active aza-crown ethers derived from biphenyl. electrochemical and solution studies of complexation. <i>Tetrahedron</i> , 1999, 55, 15141-15150.	1.0	11
485	Receptors based on 2,2',6,6'-terpyridine fragments containing peripheral amino groups. <i>Inorganica Chimica Acta</i> , 1999, 292, 28-33.	1.2	8
486	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

#	ARTICLE	IF	CITATIONS
487	Unprecedented pseudo-trigonal-bipyramidal intermediate-spin iron(III) complex: synthesis, crystal structure and magnetic properties of $[\text{Fe}(\text{4,4}'\text{-bipy})_2(\text{NCS})_3]\cdot(\text{CH}_3)_2\text{CO}$. <i>Journal of the Chemical Society Dalton Transactions</i> , 1999, , 1375.	1.1	17
488	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
489	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
490	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
491	Enantioselective Discrimination in the Intramolecular Quenching of an Excited Aromatic Ketone by a Ground-State Phenol. <i>Journal of the American Chemical Society</i> , 1999, 121, 11569-11570.	6.6	38
492	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
493	Electrochemical Sensing of Mercury over Cadmium and Lead Cations by the Redox-Active Polyazacycloalkane Ligand 1,1'-bis(2,2'-bis(2,2'-bis(2,2'-bis(ethane-1,2-diylbis(iminomethylene))bis[ferrocene]). <i>Helvetica Chimica Acta</i> , 1998, 81, 2024-2030.		13
494	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
495	Switching and tuning processes in the interaction of protons with ferrocenyl amines. <i>Polyhedron</i> , 1998, 17, 491-495.	1.0	6
496	Predicting Protonation Constants in Polyazaalkanes. <i>Journal of Chemical Research Synopses</i> , 1998, , 432-433.	0.3	4
497	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
498	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
499	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
500	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
501	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
502	Brevioxime: A New Juvenile Hormone Biosynthesis Inhibitor Isolated from <i>Penicillium brevicompactum</i> . <i>Journal of Organic Chemistry</i> , 1997, 62, 8544-8545.	1.7	43
503	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
504	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

#	ARTICLE	IF	CITATIONS
505	Molecules bearing a redox-active spacer. Synthesis and co-ordination behaviour of 1,1'-bis(5-methyl-2,5-diazaheptyl)ferrocene. <i>Journal of the Chemical Society Dalton Transactions</i> , 1996, , 4121-4127.	1.1	8
506	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
507	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, , 259-263.	1.2	22
508	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
509	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
510	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
511	Metallosupramolecules bearing pendant redox-active domains: synthesis and co-ordination behaviour of the metallocene-functionalized helicand 4,4'-bis(ferrocenyl)-2,2'-bis(6-mercapto-2,2'-bipyridyl)-2,2'-bipyridine. <i>Journal of the Chemical Society Dalton Transactions</i> , 1995, , 3253-3261.	1.2	38
512	A new functionalised oligopyridine ligand containing ferrocene as a ball-bearing spacer for metallosupramolecular chemistry. <i>Inorganica Chimica Acta</i> , 1994, 224, 11-14.	1.2	38
513	Metallosupramolecular complexes containing ferrocenyl groups as redox spectators; synthesis and co-ordination behaviour of the helicand 4,4'-bis(ferrocenyl)-2,2'-bis(6-mercapto-2,2'-bipyridyl)-2,2'-bipyridine. <i>Journal of the Chemical Society Dalton Transactions</i> , 1994, , 1585-1594.	1.1	78
514	Complexes containing ferrocenyl groups as redox spectators; synthesis, molecular structure and co-ordination behaviour of 4,4'-bis(ferrocenyl)-2,2'-bis(6-mercapto-2,2'-bipyridyl)-2,2'-bipyridine. <i>Journal of the Chemical Society Dalton Transactions</i> , 1994, , 645-650.	1.1	78
515	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
516	Synthesis of orthometallated rhodium(III) compounds. Crystal structures of [RhCl ₂ {(1-2)-(C ₆ H ₄)PPh ₂ }(1-2-dppm)] and [RhCl ₂ {(1-2)-(C ₆ H ₄)PPh ₂ }(1-1-PCCl)(phen)] (SbF ₆)·CH ₂ Cl ₂ (dppm=bis(diphenylphosphino)methane; PCCl=P(o-ClC ₆ H ₄)Ph ₂ ; phen=1,10 phenanthroline). <i>Inorganica Chimica Acta</i> , 1993, 209, 177-186.	1.2	8
517	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
518	Synthesis, spectroscopic characterization and electrochemical behaviour of nickel(II) complexes with C-meso-5,5,7,12,12,14-hexamethylcyclotetradecane (Me ₆ [14]aneN ₄). Crystal structure of {Ni(Me ₆ [14]aneN ₄) I ₂ }. <i>Transition Metal Chemistry</i> , 1993, 18, 523-527.	0.7	12
519	New complexes of nickel and nickel/cobalt with tetrahydrofuran-2,3,4,5-tetracarboxylic acid, THF(COOH) ₄ . Crystal structures of Ni[THF(COOH) ₂ (COO) ₂](H ₂ O) ₃ and Ni _{0.7} Co _{0.3} [THF(COOH) ₂ (COO) ₂](H ₂ O) ₃ ·H ₂ O and their thermal behaviour. <i>Polyhedron</i> , 1993, 12, 1681-1687.	1.0	14
520	A small-scale, easy-to-run wastewater-treatment plant: The treatment of an industrial water that contains suspended clays and soluble salts. <i>Journal of Chemical Education</i> , 1993, 70, A129.	1.1	2
521	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
522	Novel crystalline microporous transition-metal phosphites M ₁₁ (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

#	ARTICLE	IF	CITATIONS
523	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
524	New lamellar oxophosphorus derivatives of nickel(II): x-ray powder diffraction structure determinations and magnetic studies of Ni(HPO ₃).H ₂ O, NiCl(H ₂ PO ₂).H ₂ O, and Ni _x Co _{1-x} (HPO ₃).H ₂ O solid solutions. <i>Inorganic Chemistry</i> , 1993, 32, 5044-5052.	1.9	25
525	Oxidative decarboxylation of naproxen. <i>Journal of Pharmaceutical Sciences</i> , 1992, 81, 479-482.	1.6	26
526	Structure of bis(2,2'-bipyridine)dichlororhodium(III) chloride dihydrate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1991, 47, 519-522.	0.4	9
527	A dinuclear rhodium(III) complex with the N,N'-ethylenebis(salicylideneiminato) (salen) ligand in a bridging bis-bidentate mode of coordination. Crystal structure of [Rh(1,2-(C ₆ H ₄)PPh ₂)(1,2-P(o-ClC ₆ H ₄)Ph ₂)] ₂ (salen)](SbF ₆) ₂ . <i>Inorganica Chimica Acta</i> , 1990, 168, 149-152.	1.2	7
528	ortho-metallation of P(m-MeC ₆ H ₄) ₃ in dirhodium(II) tetraacetate. Molecular structure of Rh ₂ (O ₂ CCH ₃) ₂ [(m-MeC ₆ H ₄)P(m-MeC ₆ H ₄) ₂] ₂ (HO ₂ CCH ₃) ₂ ·CH ₃ CO ₂ H. <i>Inorganica Chimica Acta</i> , 1990, 173, 99-105.	1.2	34
529	Crystal structure and spectroscopic studies of bis(N-2-pyridinylcarbonyl-2-pyridinecarboximidato)copper(II) monohydrate. Local bonding effects. <i>Inorganica Chimica Acta</i> , 1989, 159, 11-18.	1.2	47
530	Orthometallation reactions of rhodium compounds containing orthohaloarylphosphines. <i>Journal of Organometallic Chemistry</i> , 1988, 356, 355-366.	0.8	17
531	Potentiometric dissolved oxygen sensors with reference electrode integrated in thick film technology. , 0, , .		0
532	Frequency analysis of thick-film electroluminescent (E.L.) lamp. , 0, , .		0
533	System for determining water quality with thick film multisensor. , 0, , .		4
534	Síntesis de Zeolitas utilizando como materia prima lodos de los procesos de anodizado de aluminio. <i>Tecnología En Marcha</i> , 0, , .	0.1	0