

Maria Dolores Marcos MartÃ-nez

List of Publications by Year in descending order

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192
papers

10,723
citations

36691

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42259

96
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201
all docs

201
docs citations

201
times ranked

11250
citing authors

#	ARTICLE	IF	CITATIONS
1	High content and dispersion of Gd in bimodal porous silica: T2 contrast agents under ultra-high magnetic fields. <i>Microporous and Mesoporous Materials</i> , 2022, 336, 111863.	2.2	3
2	Generalized one-pot preparative strategy to obtain highly functionalized silica-based mesoporous spherical particles. <i>Microporous and Mesoporous Materials</i> , 2022, 337, 111942.	2.2	4
3	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
4	Gene-Directed Enzyme Prodrug Therapy by Dendrimer-Like Mesoporous Silica Nanoparticles against Tumor Cells. <i>Nanomaterials</i> , 2021, 11, 1298.	1.9	6
5	Secreted Enzyme-Responsive System for Controlled Antifungal Agent Release. <i>Nanomaterials</i> , 2021, 11, 1280.	1.9	5
6	Nitroarene hydrogenation catalysts based on Pd nanoparticles glued with PDA on inorganic supports: Multivariate Curve Resolution as a useful tool to compare the catalytic activity in multi-step reactions. <i>Applied Catalysis A: General</i> , 2021, 619, 118125.	2.2	2
7	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
8	Precatalyst or dosing-device? The $[Pd_2\{\frac{1}{4}-(C_6H_4)PPh_2\}_2\{\frac{1}{4}-O_2C(C_6H_5)\}_2]$ complex anchored on a carboxypolystyrene polymer as an effective supplier of palladium catalytically active nanoparticles for the Suzuki-Miyaura reaction. <i>Journal of Catalysis</i> , 2020, 381, 26-37.	3.1	8
9	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
10	Surfactant-Triggered Molecular Gate Tested on Different Mesoporous Silica Supports for Gastrointestinal Controlled Delivery. <i>Nanomaterials</i> , 2020, 10, 1290.	1.9	8
11	A Sensitive Nanosensor for the In Situ Detection of the Cannibal Drug. <i>ACS Sensors</i> , 2020, 5, 2966-2972.	4.0	7
12	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
13	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
14	Nanosensor for Sensitive Detection of the New Psychedelic Drug 25I-NBOMe. <i>Chemistry - A European Journal</i> , 2020, 26, 2813-2816.	1.7	11
15	Lab and Pilot-Scale Synthesis of MxOm@SiC Core-Shell Nanoparticles. <i>Materials</i> , 2020, 13, 649.	1.3	2
16	Highly Active Hydrogenation Catalysts Based on Pd Nanoparticles Dispersed along Hierarchical Porous Silica Covered with Polydopamine as Interfacial Glue. <i>Catalysts</i> , 2020, 10, 449.	1.6	9
17	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
18	New Oleic Acid-Capped Mesoporous Silica Particles as Surfactant-Responsive Delivery Systems. <i>ChemistryOpen</i> , 2019, 8, 1052-1056.	0.9	7

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19	Janus Gold Nanostarsâ€“Mesoporous Silica Nanoparticles for NIRâ€“Lightâ€“Triggered Drug Delivery. Chemistry - A European Journal, 2019, 25, 8471-8478.	1.7	30
20	A Versatile New Paradigm for the Design of Optical Nanosensors Based on Enzymeâ€“Mediated Detachment of Labeled Reporters: The Example of Urea Detection. Chemistry - A European Journal, 2019, 25, 3575-3581.	1.7	11
21	Atrane complexes chemistry as a tool for obtaining trimodal UVM-7-like porous silica. Journal of Coordination Chemistry, 2018, 71, 776-785.	0.8	6
22	¹¹ B-MAS NMR approach to the boron adsorption mechanism on a glucose-functionalised mesoporous silica matrix. Microporous and Mesoporous Materials, 2018, 266, 232-241.	2.2	14
23	Anilinopyridineâ€“metal complexes for the selective chromogenic sensing of cyanide anion. Journal of Coordination Chemistry, 2018, 71, 786-796.	0.8	7
24	Gated Porous Materials for Biomedical Applications. From Biomaterials Towards Medical Devices, 2018, , 113-183.	0.0	1
25	Future Perspective on the Smart Delivery of Biomolecules. From Biomaterials Towards Medical Devices, 2018, , 363-371.	0.0	2
26	Toward chemical communication between nanodevices. Nano Today, 2018, 18, 8-11.	6.2	15
27	μ -Polylysineâ€“Capped Mesoporous Silica Nanoparticles as Carrier of the α -Peptide to Induce Apoptosis in Cancer Cells. Chemistry - A European Journal, 2018, 24, 1890-1897.	1.7	29
28	A new efficient, highly dispersed, Pd nanoparticulate silica supported catalyst synthesized from an organometallic precursor. Study of the homogeneous vs. heterogeneous activity in the Suzuki-Miyaura reaction. Journal of Catalysis, 2018, 367, 283-295.	3.1	29
29	Gold Nanostars Coated with Mesoporous Silica Are Effective and Nontoxic Photothermal Agents Capable of Gate Keeping and Laser-Induced Drug Release. ACS Applied Materials & Interfaces, 2018, 10, 27644-27656.	4.0	57
30	Improving the Antimicrobial Power of Lowâ€“Effective Antimicrobial Molecules Through Nanotechnology. Journal of Food Science, 2018, 83, 2140-2147.	1.5	18
31	Functional Magnetic Mesoporous Silica Microparticles Capped with an Azo-Derivative: A Promising Colon Drug Delivery Device. Molecules, 2018, 23, 375.	1.7	11
32	Targeting inflammasome by the inhibition of caspase-1 activity using capped mesoporous silica nanoparticles. Journal of Controlled Release, 2017, 248, 60-70.	4.8	31
33	Selective Fluorogenic Sensing of As(III) Using Aptamer-Capped Nanomaterials. ACS Applied Materials & Interfaces, 2017, 9, 11332-11336.	4.0	64
34	Enzymeâ€“Controlled Nanodevice for Acetylcholineâ€“Triggered Cargo Delivery Based on Janus Auâ€“Mesoporous Silica Nanoparticles. Chemistry - A European Journal, 2017, 23, 4276-4281.	1.7	27
35	Pseudorotaxane capped mesoporous silica nanoparticles for 3,4-methylenedioxymethamphetamine (MDMA) detection in water. Chemical Communications, 2017, 53, 3559-3562.	2.2	25
36	Acetylcholinesteraseâ€“capped Mesoporous Silica Nanoparticles Controlled by the Presence of Inhibitors. Chemistry - an Asian Journal, 2017, 12, 775-784.	1.7	7

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37	Fluorogenic Sensing of Carcinogenic Bisphenol A using Aptamer-Capped Mesoporous Silica Nanoparticles. <i>Chemistry - A European Journal</i> , 2017, 23, 8581-8584.	1.7	33
38	Enhanced antimicrobial activity of essential oil components immobilized on silica particles. <i>Food Chemistry</i> , 2017, 233, 228-236.	4.2	70
39	Interactive models of communication at the nanoscale using nanoparticles that talk to one another. <i>Nature Communications</i> , 2017, 8, 15511.	5.8	96
40	A <i>Mycoplasma</i> Genomic DNA Probe using Gated Nanoporous Anodic Alumina. <i>ChemPlusChem</i> , 2017, 82, 337-341.	1.3	13
41	Two New Fluorogenic Aptasensors Based on Capped Mesoporous Silica Nanoparticles to Detect Ochratoxin A. <i>ChemistryOpen</i> , 2017, 6, 653-659.	0.9	20
42	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
43	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
44	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
45	Development of a Textile Nanocomposite as Naked Eye Indicator of the Exposition to Strong Acids. <i>Sensors</i> , 2017, 17, 2134.	2.1	9
46	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
47	Protective effect of mesoporous silica particles on encapsulated folates. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2016, 105, 9-17.	2.0	15
48	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
49	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
50	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
51	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
52	Thrombin-Responsive Gated Silica Mesoporous Nanoparticles As Coagulation Regulators. <i>Langmuir</i> , 2016, 32, 1195-1200.	1.6	26
53	Potentiometric thick-film sensors for measuring the pH of concrete. <i>Cement and Concrete Composites</i> , 2016, 68, 66-76.	4.6	20
54	Encapsulation of folic acid in different silica porous supports: A comparative study. <i>Food Chemistry</i> , 2016, 196, 66-75.	4.2	38

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55	Gated Mesoporous Silica Nanoparticles for the Controlled Delivery of Drugs in Cancer Cells. <i>Langmuir</i> , 2015, 31, 3753-3762.	1.6	104
56	Heterogeneous Gold Catalyst: Synthesis, Characterization, and Application in 1,4-Addition of Boronic Acids to Enones. <i>ACS Catalysis</i> , 2015, 5, 5060-5067.	5.5	19
57	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
58	Hydrolysis of DCNP (a Tabun mimic) catalysed by mesoporous silica nanoparticles. <i>Microporous and Mesoporous Materials</i> , 2015, 217, 30-38.	2.2	7
59	Bactericidal activity of caprylic acid entrapped in mesoporous silica nanoparticles. <i>Food Control</i> , 2015, 56, 77-85.	2.8	22
60	Ceramic foam supported active materials for boron remediation in water. <i>Desalination</i> , 2015, 374, 10-19.	4.0	3
61	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
62	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
63	Enhanced antifungal efficacy of tebuconazole using gated pH-driven mesoporous nanoparticles. <i>International Journal of Nanomedicine</i> , 2014, 9, 2597.	3.3	26
64	A novel colorimetric sensor array for monitoring fresh pork sausages spoilage. <i>Food Control</i> , 2014, 35, 166-176.	2.8	109
65	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
66	New multicomponent catalysts for the selective aerobic oxidative condensation of benzylamine to N-benzylidenebenzylamine. <i>Catalysis Science and Technology</i> , 2014, 4, 4340-4355.	2.1	21
67	Cathepsin B Induced Controlled Release from Peptide-Capped Mesoporous Silica Nanoparticles. <i>Chemistry - A European Journal</i> , 2014, 20, 15309-15314.	1.7	50
68	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
69	Towards the Development of Smart 3D Gated Scaffolds for On-Command Delivery. <i>Small</i> , 2014, 10, 4859-4864.	5.2	28
70	Towards Chemical Communication between Gated Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 12629-12633.	7.2	63
71	Polymer Composites Containing Gated Mesoporous Materials for On-Command Controlled Release. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 6453-6460.	4.0	31
72	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

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73	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
74	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
75	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
76	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
77	Tetrathiafulvalene-Capped Hybrid Materials for the Optical Detection of Explosives. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 1538-1543.	4.0	28
78	Glucose-triggered release using enzyme-gated mesoporous silica nanoparticles. <i>Chemical Communications</i> , 2013, 49, 6391.	2.2	95
79	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
80	An aptamer-gated silica mesoporous material for thrombin detection. <i>Chemical Communications</i> , 2013, 49, 5480.	2.2	89
81	A Simple Probe for the Colorimetric Detection of Carbon Dioxide. <i>Chemistry - A European Journal</i> , 2013, 19, 17301-17304.	1.7	22
82	Electronic sensors subject for students from degrees of chemistry and environment. , 2012, , .		0
83	Experiences in involving students of final Degree courses in research projects as an alternative educational tool. , 2012, , .		0
84	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
85	Antibody-Capped Mesoporous Nanoscopic Materials: Design of a Probe for the Selective Chromo-Fluorogenic Detection of Finasteride. <i>ChemistryOpen</i> , 2012, 1, 251-259.	0.9	24
86	Low-cost materials for boron adsorption from water. <i>Journal of Materials Chemistry</i> , 2012, 22, 25362.	6.7	23
87	Monitoring of chicken meat freshness by means of a colorimetric sensor array. <i>Analyst, The</i> , 2012, 137, 3635.	1.7	98
88	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
89	Delivery Modulation in Silica Mesoporous Supports via Alkyl Chain Pore Outlet Decoration. <i>Langmuir</i> , 2012, 28, 2986-2996.	1.6	24
90	Targeted Cargo Delivery in Senescent Cells Using Capped Mesoporous Silica Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 10556-10560.	7.2	122

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91	A Photoactivated Molecular Gate. <i>Chemistry - A European Journal</i> , 2012, 18, 12218-12221.	1.7	35
92	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
93	Dual Enzyme-Triggered Controlled Release on Capped Nanometric Silica Mesoporous Supports. <i>ChemistryOpen</i> , 2012, 1, 17-20.	0.9	59
94	Optical chemosensors and reagents to detect explosives. <i>Chemical Society Reviews</i> , 2012, 41, 1261-1296.	18.7	1,019
95	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
96	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
97	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
98	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
99	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
100	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
101	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
102	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
103	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
104	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
105	Controlled Delivery Using Oligonucleotide-Capped Mesoporous Silica Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 7281-7283.	7.2	234
106	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
107	Enzyme-Responsive Intracellular Controlled Release Using Nanometric Silica Mesoporous Supports Capped with α -D-Glucopyranosides. <i>ACS Nano</i> , 2010, 4, 6353-6368.	7.3	286
108	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

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109	Borate-Driven Gate-like Scaffolding Using Mesoporous Materials Functionalised with Saccharides. Chemistry - A European Journal, 2009, 15, 6877-6888.	1.7	78
110	Mesoporous Hybrid Materials Containing Nanoscopic "Binding Pockets" for Colorimetric Anion Signaling in Water by using Displacement Assays. Chemistry - A European Journal, 2009, 15, 9024-9033.	1.7	42
111	Efficient Removal of Anionic Surfactants Using Mesoporous Functionalised Hybrid Materials. European Journal of Inorganic Chemistry, 2009, 2009, 3770-3777.	1.0	15
112	Enzyme-Responsive Controlled Release Using Mesoporous Silica Supports Capped with Lactose. Angewandte Chemie - International Edition, 2009, 48, 5884-5887.	7.2	236
113	The Determination of Methylmercury in Real Samples Using Organically Capped Mesoporous Inorganic Materials Capable of Signal Amplification. Angewandte Chemie - International Edition, 2009, 48, 8519-8522.	7.2	123
114	pH- and Photo-Switched Release of Guest Molecules from Mesoporous Silica Supports. Journal of the American Chemical Society, 2009, 131, 6833-6843.	6.6	367
115	Controlled Delivery Systems Using Antibody-Capped Mesoporous Nanocontainers. Journal of the American Chemical Society, 2009, 131, 14075-14080.	6.6	235
116	Colorimetric sensing of pyrophosphate in aqueous media using bis-functionalised silica surfaces. Dalton Transactions, 2009, , 4806.	1.6	21
117	A Mesoporous 3D Hybrid Material with Dual Functionality for Hg ²⁺ Detection and Adsorption. Chemistry - A European Journal, 2008, 14, 8267-8278.	1.7	123
118	A model for the assessment of interfering processes in Faradic electrodes. Sensors and Actuators A: Physical, 2008, 142, 56-60.	2.0	17
119	Controlled release of vitamin B2 using mesoporous materials functionalized with amine-bearing gate-like scaffolds. Journal of Controlled Release, 2008, 131, 181-189.	4.8	101
120	Hybrid materials with nanoscopic anion-binding pockets for the colorimetric sensing of phosphate in water using displacement assays. Chemical Communications, 2008, , 3639.	2.2	35
121	Chromo-fluorogenic sensing of pyrophosphate in aqueous media using silica functionalised with binding and reactive units. Chemical Communications, 2008, , 6531.	2.2	28
122	Hybrid functionalised mesoporous silica-polymer composites for enhanced analyte monitoring using optical sensors. Journal of Materials Chemistry, 2008, 18, 5815.	6.7	42
123	Chromogenic silica nanoparticles for the colorimetric sensing of long-chain carboxylates. Chemical Communications, 2008, , 1668.	2.2	33
124	Dual Aperture Control on pH- and Anion-Driven Supramolecular Nanoscopic Hybrid Gate-like Ensembles. Journal of the American Chemical Society, 2008, 130, 1903-1917.	6.6	220
125	Nanospecific hybrid systems with a polarity-controlled gate-like scaffolding for the colorimetric signalling of long-chain carboxylates. Chemical Communications, 2007, , 1957-1959.	2.2	80
126	Mesoporous silica materials with covalently anchored phenoxazinone dyes as fluorescent hybrid materials for vapour sensing. Journal of Materials Chemistry, 2007, 17, 4716.	6.7	50

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127	Nanosized Mesoporous Silica Coatings on Ceramic Foams: A New Hierarchical Rigid Monoliths. <i>Chemistry of Materials</i> , 2007, 19, 1082-1088.	3.2	24
128	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
129	Sensory hybrid host materials for the selective chromo-fluorogenic detection of biogenic amines. <i>Chemical Communications</i> , 2006, , 2239-2241.	2.2	72
130	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
131	Bases for the synthesis of nanoparticulated silicas with bimodal hierarchical porosity. <i>Solid State Sciences</i> , 2006, 8, 940-951.	1.5	47
132	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
133	New Methods for Anion Recognition and Signaling Using Nanoscopic Gatelike Scaffoldings. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 6661-6664.	7.2	107
134	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
135	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
136	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
137	N-Methyl,N-(propyl-3-trimethoxysilyl) Aniline (III), an Intermediate for Anchoring Dyes on Siliceous Supports.. <i>ChemInform</i> , 2005, 36, no.	0.1	0
138	N-Methyl,N-(propyl-3-trimethoxysilyl) Aniline, an Intermediate for Anchoring Dyes on Siliceous Supports. <i>Synthetic Communications</i> , 2005, 35, 1511-1516.	1.1	2
139	Anthrylmethylamine functionalised mesoporous silica-based materials as hybrid fluorescent chemosensors for ATP. <i>Journal of Materials Chemistry</i> , 2005, 15, 2721.	6.7	90
140	Enhanced manganese content in Mn-MCM-41 mesoporous silicas. <i>European Physical Journal Special Topics</i> , 2005, 123, 65-69.	0.2	0
141	Direct oxidation of isobutane to methacrolein over V-MCM-41 catalysts. <i>Catalysis Today</i> , 2004, 91-92, 43-47.	2.2	23
142	One-Pot Synthesis of Superparamagnetic CoO-MCM-41 Nanocomposites with Uniform and Highly Dispersed Magnetic Nanoclusters. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 1799-1803.	1.0	9
143	High Cobalt Content Mesoporous Silicas. <i>Chemistry of Materials</i> , 2004, 16, 2805-2813.	3.2	55
144	Efficient boron removal by using mesoporous matrices grafted with saccharides. <i>Chemical Communications</i> , 2004, , 2198-2199.	2.2	37

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145	Toward the Development of Ionically Controlled Nanoscopic Molecular Gates. <i>Journal of the American Chemical Society</i> , 2004, 126, 8612-8613.	6.6	225
146	Surfactant-Assisted Synthesis of the SBA-8 Mesoporous Silica by Using Nonrigid Commercial Alkyltrimethyl Ammonium Surfactants. <i>Chemistry of Materials</i> , 2002, 14, 2637-2643.	3.2	35
147	Atrane Precursors in the One-Pot Surfactant-Assisted Synthesis of High Zirconium Content Porous Silicas. <i>Chemistry of Materials</i> , 2002, 14, 5015-5022.	3.2	58
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