

Pedro Amoros

List of Publications by Year in descending order

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226
papers

9,815
citations

38660
50
h-index

49773
87
g-index

239
all docs

239
docs citations

239
times ranked

8719
citing authors

#	ARTICLE	IF	CITATIONS
1	Mesoporous silica sorbent with gold nanoparticles for solid-phase extraction of organochlorine pesticides in water samples. <i>Journal of Chromatography A</i> , 2022, 1662, 462729.	1.8	12
2	Assessment of migrating endocrine-disrupting chemicals in bottled acidic juice using type UVM-7 mesoporous silica modified with cyclodextrin. <i>Food Chemistry</i> , 2022, 380, 132207.	4.2	7
3	A β -cyclodextrin sorbent based on hierarchical mesoporous silica for the determination of endocrine-disrupting chemicals in urine samples. <i>Journal of Chromatography A</i> , 2022, 1671, 463007.	1.8	5
4	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
5	A type UVM-7 mesoporous silica with β -cyclodextrin for the isolation of three veterinary antibiotics (ofloxacin, norfloxacin, and ciprofloxacin) from different fat-rate milk samples. <i>Journal of Food Composition and Analysis</i> , 2022, 109, 104463.	1.9	3
6	Batch and Flow Synthesis of CeO ₂ Nanomaterials Using Solid-State Microwave Generators. <i>Molecules</i> , 2022, 27, 2712.	1.7	2
7	Iron-Doped Bimodal Mesoporous Silica Nanomaterials as Sorbents for Solid-Phase Extraction of Perfluoroalkyl Substances in Environmental Water Samples. <i>Nanomaterials</i> , 2022, 12, 1441.	1.9	0
8	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
9	Microwave-Assisted Synthesis of Covalent Organic Frameworks: A Review. <i>ChemSusChem</i> , 2021, 14, 208-233.	3.6	80
10	Enhancing extraction performance of organophosphorus flame retardants in water samples using titanium hierarchical porous silica materials as sorbents. <i>Journal of Chromatography A</i> , 2021, 1639, 461938.	1.8	10
11	Chromogenic Chemodosimeter Based on Capped Silica Particles to Detect Spermine and Spermidine. <i>Nanomaterials</i> , 2021, 11, 818.	1.9	2
12	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
13	Host-guest interactions for extracting antibiotics with a β -cyclodextrin poly(glycidyl-co-ethylene) Tj ETQq1 1 0.784314 rgBT /Overlock 2,9 8	2.9	8
14	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
15	Cyclodextrins as a Key Piece in Nanostructured Materials: Quantitation and Remediation of Pollutants. <i>Nanomaterials</i> , 2021, 11, 7.	1.9	13
16	Selective hydrogenation of nitroderivatives over Au/TiO ₂ /UVM-7 composite catalyst. <i>Catalysis Today</i> , 2020, 355, 893-902.	2.2	6
17	Precatalyst or dosing-device? The [Pd ₂ { $\frac{1}{4}$ -(C ₆ H ₄) PPh ₂ } ₂ { $\frac{1}{4}$ -O ₂ C(C ₆ H ₅) ₂ } 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
18	Use of Silica Based Materials as Modulators of the Lipase Catalyzed Hydrolysis of Fats under Simulated Duodenal Conditions. <i>Nanomaterials</i> , 2020, 10, 1927.	1.9	4

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19	Peptide-Capped Mesoporous Nanoparticles: Toward a more Efficient Internalization of Alendronate. <i>ChemistrySelect</i> , 2020, 5, 3618-3625.	0.7	2
20	Recent Progress of Microwave-Assisted Synthesis of Silica Materials. <i>Nanomaterials</i> , 2020, 10, 1092.	1.9	42
21	Comparison of silica-based materials for organophosphorus pesticides sampling and occupational risk assessment. <i>Analytica Chimica Acta</i> , 2020, 1110, 26-34.	2.6	12
22	Bimodal porous silica nanomaterials as sorbents for an efficient and inexpensive determination of aflatoxin M1 in milk and dairy products. <i>Food Chemistry</i> , 2020, 333, 127421.	4.2	18
23	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
24	In situ growth of metal-organic framework HKUST-1 in an organic polymer as sorbent for nitrated and oxygenated polycyclic aromatic hydrocarbon in environmental water samples prior to quantitation by HPLC-UV. <i>Mikrochimica Acta</i> , 2020, 187, 301.	2.5	18
25	A new proposal for the determination of polychlorinated biphenyls in environmental water by using host-guest adsorption. <i>Science of the Total Environment</i> , 2020, 724, 138266.	3.9	13
26	A poly(glycidyl-co-ethylene dimethacrylate) nanohybrid modified with β -cyclodextrin as a sorbent for solid-phase extraction of phenolic compounds. <i>Mikrochimica Acta</i> , 2019, 186, 615.	2.5	12
27	Control of the pore wall thickness and thermal stability in low-cost bimodal porous silicas. <i>Polyhedron</i> , 2019, 170, 544-552.	1.0	3
28	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
29	Aggregation-induced heterogeneities in the emission of upconverting nanoparticles at the submicron scale unfolded by hyperspectral microscopy. <i>Nanoscale Advances</i> , 2019, 1, 2537-2545.	2.2	14
30	Extraction of aflatoxins by using mesoporous silica (type UVM-7), and their quantitation by HPLC-MS. <i>Mikrochimica Acta</i> , 2019, 186, 792.	2.5	20
31	Amphetamine-type stimulants analysis in oral fluid based on molecularly imprinting extraction. <i>Analytica Chimica Acta</i> , 2019, 1052, 73-83.	2.6	42
32	Atrane complexes chemistry as a tool for obtaining trimodal UVM-7-like porous silica. <i>Journal of Coordination Chemistry</i> , 2018, 71, 776-785.	0.8	6
33	Understanding the role of Ti-rich domains in the stabilization of gold nanoparticles on mesoporous silica-based catalysts. <i>Journal of Catalysis</i> , 2018, 360, 187-200.	3.1	4
34	^{11}B -MAS NMR approach to the boron adsorption mechanism on a glucose-functionalised mesoporous silica matrix. <i>Microporous and Mesoporous Materials</i> , 2018, 266, 232-241.	2.2	14
35	Refractive index controlled by film morphology and free carrier density in undoped ZnO through sol-pH variation. <i>Optik</i> , 2018, 158, 1139-1146.	1.4	28
36	Layered-Expanded Mesostructured Silicas: Generalized Synthesis and Functionalization. <i>Nanomaterials</i> , 2018, 8, 817.	1.9	4

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37	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. <i>Journal of Catalysis</i> , 2018, 367, 283-295.	3.1	29
38	Design, characterization and comparison of materials based on β and γ cyclodextrin covalently connected to microporous silica for environmental analysis. <i>Journal of Chromatography A</i> , 2018, 1563, 10-19.	1.8	17
39	Solid-phase extraction of phospholipids using mesoporous silica nanoparticles: application to human milk samples. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 4847-4854.	1.9	12
40	2D and 3D mixed M ^{II} /Cu ^{II} metal-organic frameworks (M = Ca and Sr) with N ₂ , N ₂ -2,6-pyridinebis(oxamate) and oxalate: preparation and magneto-structural study. <i>Dalton Transactions</i> , 2018, 47, 11539-11553.	1.6	15
41	Study of silica-structured materials as sorbents for organophosphorus pesticides determination in environmental water samples. <i>Talanta</i> , 2018, 189, 560-567.	2.9	39
42	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
43	Reversible solvatomagnetic switching in a single-ion magnet from an entatic state. <i>Chemical Science</i> , 2017, 8, 3694-3702.	3.7	67
44	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
45	Relationship between bulk phase, near surface and outermost atomic layer of VPO catalysts and their catalytic performance in the oxidative dehydrogenation of ethane. <i>Journal of Catalysis</i> , 2017, 354, 236-249.	3.1	22
46	Organo-silica hybrid capillary monolithic column with mesoporous silica particles for separation of small aromatic molecules. <i>Mikrochimica Acta</i> , 2017, 184, 3799-3808.	2.5	17
47	Mesoporous Materials Incorporating Metal Triflates. , 2016, , 219-271.		1
48	Protective effect of mesoporous silica particles on encapsulated folates. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2016, 105, 9-17.	2.0	15
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	Comparison of the solid-phase extraction efficiency of a bounded and an included cyclodextrin-silica microporous composite for polycyclic aromatic hydrocarbons determination in water samples. <i>Talanta</i> , 2016, 156-157, 95-103.	2.9	30
51	Evaluation of a Cyclodextrin-silica Hybrid Microporous Composite for the Solid-phase Extraction of Polycyclic Aromatic Hydrocarbons. <i>Analytical Sciences</i> , 2016, 32, 659-665.	0.8	9
52	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
53	Insights into the Dynamics of Grotthuss Mechanism in a Proton-Conducting Chiral <i>bio</i> -MOF. <i>Chemistry of Materials</i> , 2016, 28, 4608-4615.	3.2	105
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	Enlarged pore size in nanoparticulated bimodal porous silicas: Improving accessibility. <i>Microporous and Mesoporous Materials</i> , 2016, 221, 150-158.	2.2	9
56	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
57	High-Temperature Stable Gold Nanoparticle Catalysts for Application under Severe Conditions: The Role of TiO ₂ Nanodomains in Structure and Activity. <i>ACS Catalysis</i> , 2015, 5, 1078-1086.	5.5	34
58	Gated Mesoporous Silica Nanoparticles for the Controlled Delivery of Drugs in Cancer Cells. <i>Langmuir</i> , 2015, 31, 3753-3762.	1.6	104
59	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
60	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
61	Hydrolysis of DCNP (a Tabun mimic) catalysed by mesoporous silica nanoparticles. <i>Microporous and Mesoporous Materials</i> , 2015, 217, 30-38.	2.2	7
62	Low-Cost Synthesis of Bimodal Mesoporous Silica-Based Materials by Pseudomorphic Transformation. <i>ChemPlusChem</i> , 2015, 80, 1014-1028.	1.3	8
63	Ceramic foam supported active materials for boron remediation in water. <i>Desalination</i> , 2015, 374, 10-19.	4.0	3
64	Coordinating and hydrogen bonding ability of a bifunctional 2D paddle-wheel copper(II) coordination polymer. <i>Polyhedron</i> , 2015, 87, 220-225.	1.0	3
65	Determination of phenolic compounds in air by using cyclodextrin-silica hybrid microporous composite samplers. <i>Talanta</i> , 2015, 134, 560-567.	2.9	16
66	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
67	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
68	Enhanced antifungal efficacy of tebuconazole using gated pH-driven mesoporous nanoparticles. <i>International Journal of Nanomedicine</i> , 2014, 9, 2597.	3.3	26
69	Comparative hydroamination of aniline and substituted anilines with styrene on different zeolites, triflate based catalysts and their physical mixtures. <i>Applied Catalysis A: General</i> , 2014, 474, 230-235.	2.2	8
70	Enzyme-Responsive Intracellular-Controlled Release Using Silica Mesoporous Nanoparticles Capped with Poly-L-lysine. <i>Chemistry - A European Journal</i> , 2014, 20, 5271-5281.	1.7	78
71	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
72	Mesoporous iron phosphate/phosphonate hybrid materials. <i>Microporous and Mesoporous Materials</i> , 2014, 187, 14-22.	2.2	13

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73	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
74	Cathepsin B Induced Controlled Release from Peptide-Capped Mesoporous Silica Nanoparticles. <i>Chemistry - A European Journal</i> , 2014, 20, 15309-15314.	1.7	50
75	Confined growth of carbon nanoforms in one-dimension by fusion of anthracene rings inside the pores of MCM-41. <i>Nanoscale</i> , 2014, 6, 7981-7990.	2.8	6
76	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
77	Combination of silica nanoparticles with hydroxyapatite reinforces poly (l-lactide acid) scaffolds without loss of bioactivity. <i>Journal of Bioactive and Compatible Polymers</i> , 2014, 29, 15-31.	0.8	11
78	Towards Chemical Communication between Gated Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 12629-12633.	7.2	63
79	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
80	Magnetic and structural approach for understanding the electrochemical behavior of LiNi _{0.33} Co _{0.33} Mn _{0.33} O ₂ positive electrode material. <i>Electrochimica Acta</i> , 2013, 111, 567-574.	2.6	21
81	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
82	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
83	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
84	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
85	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
86	Tetrathiafulvalene-Capped Hybrid Materials for the Optical Detection of Explosives. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 1538-1543.	4.0	28
87	Glucose-triggered release using enzyme-gated mesoporous silica nanoparticles. <i>Chemical Communications</i> , 2013, 49, 6391.	2.2	95
88	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
89	An aptamer-gated silica mesoporous material for thrombin detection. <i>Chemical Communications</i> , 2013, 49, 5480.	2.2	89
90	Hyaluronic Acid-Silica Nanohybrid Gels. <i>Biomacromolecules</i> , 2013, 14, 4217-4225.	2.6	28

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91	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
92	Interconnected mesopores and high accessibility in UVM-7-like silicas. <i>Journal of Nanoparticle Research</i> , 2012, 14, 1.	0.8	23
93	Samplers for VOCs in air based on cyclodextrin-silica hybrid microporous solid phases. <i>Analyst</i> , The, 2012, 137, 1275.	1.7	13
94	Low-cost materials for boron adsorption from water. <i>Journal of Materials Chemistry</i> , 2012, 22, 25362.	6.7	23
95	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
96	Delivery Modulation in Silica Mesoporous Supports via Alkyl Chain Pore Outlet Decoration. <i>Langmuir</i> , 2012, 28, 2986-2996.	1.6	24
97	Azobenzene Polyesters Used as Gate-Like Scaffolds in Nanoscopic Hybrid Systems. <i>Chemistry - A European Journal</i> , 2012, 18, 13068-13078.	1.7	22
98	A Photoactivated Molecular Gate. <i>Chemistry - A European Journal</i> , 2012, 18, 12218-12221.	1.7	35
99	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
100	Dual Enzyme-Triggered Controlled Release on Capped Nanometric Silica Mesoporous Supports. <i>ChemistryOpen</i> , 2012, 1, 17-20.	0.9	59
101	Pore Length Effect on Drug Uptake and Delivery by Mesoporous Silicas. <i>ChemPlusChem</i> , 2012, 77, 817-831.	1.3	14
102	Tetraethylorthosilicate as molecular precursor to the formation of amorphous silica networks. A DFT-SCRF study of the base catalyzed hydrolysis. <i>Journal of Molecular Modeling</i> , 2012, 18, 3301-3310.	0.8	12
103	Total oxidation of VOCs on Au nanoparticles anchored on Co doped mesoporous UVM-7 silica. <i>Chemical Engineering Journal</i> , 2012, 187, 391-400.	6.6	44
104	Efficient Sc triflate mesoporous-based catalysts for the synthesis of 4,4'-methylene-dianiline from aniline and 4-aminobenzylalcohol. <i>Journal of Catalysis</i> , 2012, 287, 76-85.	3.1	9
105	The Li Ni _{0.2} Mn _{0.2} Co _{0.6} O ₂ electrode materials: A structural and magnetic study. <i>Materials Research Bulletin</i> , 2012, 47, 1004-1009.	2.7	12
106	Reversible Solvatomagnetic Switching in a Spongelike Manganese(II)-Copper(II) 3D Open Framework with a Pillared Square/Octagonal Layer Architecture. <i>Chemistry - A European Journal</i> , 2012, 18, 1608-1617.	1.7	86
107	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
108	Finely Tuned Temperature-Controlled Cargo Release Using Paraffin-Capped Mesoporous Silica Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 11172-11175.	7.2	143

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109	Energy of excitons and acceptorâ€”exciton complexes to explain the origin of ultraviolet photoluminescence in ZnO quantum dots embedded in a SiO ₂ matrix. <i>Solid State Communications</i> , 2011, 151, 822-825.	0.9	7
110	Mesoporous Tin-Triflate Based Catalysts for Transesterification of Sunflower Oil. <i>Topics in Catalysis</i> , 2010, 53, 763-772.	1.3	6
111	Hierarchical porous carbon with designed pore architecture and study of its adsorptive properties. <i>Solid State Sciences</i> , 2010, 12, 15-25.	1.5	16
112	Fatty Acid Carboxylateâ€”and Anionic Surfactantâ€”Controlled Delivery Systems That Use Mesoporous Silica Supports. <i>Chemistry - A European Journal</i> , 2010, 16, 10048-10061.	1.7	15
113	Controlled Delivery Using Oligonucleotideâ€”Capped Mesoporous Silica Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 7281-7283.	7.2	234
114	Synthesis, characterization and catalytic behavior of AlTf/UVM-7 as new green catalysts for the glycols etherification reactions. <i>Applied Catalysis A: General</i> , 2010, 372, 58-66.	2.2	7
115	AlTf-UVM-7â€”Highly active catalysts for the synthesis of long chain symmetrical ethers and non-ionic surfactant structures. <i>Chemical Engineering Journal</i> , 2010, 161, 363-370.	6.6	7
116	Enzyme-Responsive Intracellular Controlled Release Using Nanometric Silica Mesoporous Supports Capped with â€”Saccharidesâ€”. <i>ACS Nano</i> , 2010, 4, 6353-6368.	7.3	286
117	Stable anchoring of dispersed gold nanoparticles on hierarchic porous silica-based materials. <i>Journal of Materials Chemistry</i> , 2010, 20, 6780.	6.7	19
118	Borateâ€”Driven Gatelike Scaffolding Using Mesoporous Materials Functionalised with Saccharides. <i>Chemistry - A European Journal</i> , 2009, 15, 6877-6888.	1.7	78
119	Mesoporous Hybrid Materials Containing Nanoscopic â€”Binding Pocketsâ€”for Colorimetric Anion Signaling in Water by using Displacement Assays. <i>Chemistry - A European Journal</i> , 2009, 15, 9024-9033.	1.7	42
120	Enzymeâ€”Responsive Controlled Release Using Mesoporous Silica Supports Capped with Lactose. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 5884-5887.	7.2	236
121	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
122	Glycosidase enzymes stabilization through immobilization onto nanoparticulated bimodal organosilicas. <i>New Biotechnology</i> , 2009, 25, S146.	2.4	1
123	Synthesis, characterization and catalytic behavior of SnTf/MCM-41 and SnTf/UVM-7 as new green catalysts for etherification reactions. <i>Journal of Materials Science</i> , 2009, 44, 6693-6700.	1.7	12
124	Metal Triflates Incorporated in Mesoporous Catalysts for Green Synthesis of Fine Chemicals. <i>Topics in Catalysis</i> , 2009, 52, 571-578.	1.3	8
125	Optical properties of exciton confinement in spherical ZnO quantum dots embedded in matrix. <i>Superlattices and Microstructures</i> , 2009, 46, 907-916.	1.4	20
126	ZnO nanoparticles embedded in UVM-7-like mesoporous silica materials: Synthesis and characterization. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2009, 42, 25-31.	1.3	17

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127	Mesoporous aluminum phosphite. <i>Journal of Solid State Chemistry</i> , 2009, 182, 2122-2129.	1.4	7
128	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
129	Controlled Delivery Systems Using Antibody-Capped Mesoporous Nanocontainers. <i>Journal of the American Chemical Society</i> , 2009, 131, 14075-14080.	6.6	235
130	Biomimetic chitosan-mediated synthesis in heterogeneous phase of bulk and mesoporous silica nanoparticles. <i>Chemical Communications</i> , 2009, , 2694.	2.2	36
131	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
132	A Metallacryptand-Based Manganese(II)-Cobalt(II) Ferrimagnet with a Three-Dimensional Honeycomb Open-Framework Architecture. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 4211-4216.	7.2	41
133	<i>Thalassiosira pseudonana</i> diatom as biotemplate to produce a macroporous ordered carbon-rich material. <i>Carbon</i> , 2008, 46, 297-304.	5.4	47
134	Theoretical study of oligomeric alumatranes present in the chemistry of materials from micro to mesoporous molecular sieves and alumina composites. <i>Computational and Theoretical Chemistry</i> , 2008, 850, 94-104.	1.5	6
135	Nano-sized mesoporous carbon particles with bimodal pore system and semi-crystalline porous walls. <i>Materials Letters</i> , 2008, 62, 2935-2938.	1.3	8
136	Expanding the atrane route: Generalized surfactant-free synthesis of mesoporous nanoparticulated xerogels. <i>Solid State Sciences</i> , 2008, 10, 587-601.	1.5	18
137	Nanoparticulated Silicas with Bimodal Porosity: Chemical Control of the Pore Sizes. <i>Inorganic Chemistry</i> , 2008, 47, 8267-8277.	1.9	63
138	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
139	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
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