Kazuyuki Kuroda

List of Publications by Year
in descending order

239	10,874	31902 53	35952 97
papers	citations	h-index	g-index

256	256	256	7892
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Degradation Analysis of Pt/Nbâ€“Ti₄O₇ as PEFC Cathode Catalysts with Controlled Arc Plasma-deposited Platinum Content. Electrochemistry, 2022, 90, 057004-057004.	0.6	2
2	Fluoride Ion-Encapsulated Germoxane Cages Modified with Organosiloxane Chains as Anionic Components of Ionic Liquids. Organometallics, 2022, 41, 1454-1463.	1.1	4
3	Synthesis of Cristobalite Containing Ordered Interstitial Mesopores using Crystallization of Silica Colloidal Crystals. Chemistry - an Asian Journal, 2021, 16, 207-214.	1.7	1
4	Direct bottom-up synthesis of size-controlled monodispersed single-layer magnesium hydroxide nanosheets modified with tripodal ligands. Dalton Transactions, 2021, 50, 3121-3126.	1.6	5
5	Variation of counter quaternary ammonium cations of anionic cage germanoxanes as building blocks of nanoporous materials. Dalton Transactions, 2021, 50, 8497-8505.	1.6	4
6	Preparation of Ordered Nanoporous Indium Tin Oxides with Large Crystallites and Individual Control over Their Thermal and Electrical Conductivities. ACS Applied Materials & Interfaces, 2021, 13, 15373-15382.	4.0	8
7	Preparation of Colloidal Monodisperse Hollow Organosiloxane-Based Nanoparticles with a Double Mesoporous Shell. Bulletin of the Chemical Society of Japan, 2021, 94, 1602-1608.	2.0	2
8	Formation of Closed Pores in Mesoporous Silica Nanoparticles by Hydrothermal Treatment. Bulletin of the Chemical Society of Japan, 2021, 94, 1625-1630.	2.0	3
9	Interlayer Silylation of Layered Octosilicate with Organoalkoxysilanes: Effects of Tetrabutylammonium Fluoride as a Catalyst and the Functional Groups of Silanes. European Journal of Inorganic Chemistry, 2021, 2021, 1836-1845.	1.0	4
10	Preparation of an Ordered Nanoporous Silicone-based Material Using Silica Colloidal Crystals as a Hard Template. Chemistry Letters, 2021, 50, 1038-1040.	0.7	3
11	Hydrolysis of Methoxylated Nickel Hydroxide Leading to Single-Layer Ni(OH)₂ Nanosheets. Inorganic Chemistry, 2021, 60, 7094-7100.	1.9	3
12	Self-Healing Lamellar Silsesquioxane Thin Films. ACS Applied Polymer Materials, 2021, 3, 4118-4126.	2.0	6
13	One-step Synthesis of Nanoporous Titanosiloxane-based Materials with Isolated Ti Sites Using Cage Siloxane as a Building Block. Chemistry Letters, 2021, 50, 1643-1647.	0.7	3
14	Hydrogen-bonding-induced Layered Assembly of Cage Siloxanes Modified with Diisopropylsilanol Groups. Chemistry Letters, 2021, 50, 1770-1772.	0.7	3
15	Preparation of periodic mesoporous organosilica with large mesopores using silica colloidal crystals as templates. Nanoscale, 2020, 12, 21155-21164.	2.8	13
16	Improvement in the thermoelectric properties of porous networked Al-doped ZnO nanostructured materials synthesized via an alternative interfacial reaction and low-pressure SPS processing. Inorganic Chemistry Frontiers, 2020, 7, 4118-4132.	3.0	46
17	Preparation of Sub-50 nm Colloidal Monodispersed Hollow Siloxane-Based Nanoparticles with Controlled Shell Structures. Langmuir, 2020, 36, 13833-13842.	1.6	4
18	Mesoporous Silica Nanoparticles with Dispersibility in Organic Solvents and Their Versatile Surface Modification. Langmuir, 2020, 36, 5571-5578.	1.6	14

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19	Development of mesopore-containing CON-type zeolite with unique acidic and catalytic properties. Catalysis Science and Technology, 2020, 10, 4293-4304.	2.1	5
20	Selective Covalent Modification of Layered Double Hydroxide Nanoparticles with Tripodal Ligands on Outer and Interlayer Surfaces. Inorganic Chemistry, 2020, 59, 6110-6119.	1.9	13
21	Preparation of Porous Pentacoordinate Organosilicon Frameworks Using Organoalkoxysilanes and Tris-catechol Linkers. Chemistry Letters, 2020, 49, 1075-1077.	0.7	4
22	Alkoxy- and Silanol-Functionalized Cage-Type Oligosiloxanes as Molecular Building Blocks to Construct Nanoporous Materials. Molecules, 2020, 25, 524.	1.7	18
23	Inorganicâ€“Organic Hybrid Photomechanical Crystals of Azobenzene-modified Polyhedral Oligomeric Silsesquioxane (POSS). Chemistry Letters, 2020, 49, 327-329.	0.7	4
24	Encapsulation of Cu nanoparticles in nanovoids of plate-like silica sodalite through interlayer condensation of Cu²⁺ ion-exchanged layered silicate RUB-15. Dalton Transactions, 2020, 49, 8067-8074.	1.6	3
25	Preparation of CO2-adsorbable amine-functionalized polysilsesquioxanes containing cross-linked structures without using surfactants and strong acid or base catalysts. Journal of Sol-Gel Science and Technology, 2019, 91, 505-513.	1.1	6
26	Formation of silicate nanoscrolls through solvothermal treatment of layered octosilicate intercalated with organoammonium ions. Nanoscale, 2019, 11, 12924-12931.	2.8	5
27	Inorganicâ€“Organic Hybrid Photomechanical Crystals Consisting of Diarylethenes and Cage Siloxanes. Chemistry of Materials, 2019, 31, 9372-9378.	3.2	21
28	Synthesis and crystal structure of double-three ring (D3R)-type cage siloxanes modified with dimethylsilanol groups. Dalton Transactions, 2019, 48, 1969-1975.	1.6	7
29	Synthesis of Organosilylâ€Functionalized Cageâ€Type Germanoxanes Containing Fluoride Ions. Chemistry - A European Journal, 2019, 25, 7776-7776.	1.7	0
30	Synthesis of Organosilylâ€Functionalized Cageâ€Type Germanoxanes Containing Fluoride Ions. Chemistry - A European Journal, 2019, 25, 7860-7865.	1.7	8
31	Synthesis of Polycyclic and Cage Siloxanes by Hydrolysis and Intramolecular Condensation of Alkoxysilylated Cyclosiloxanes. Chemistry - A European Journal, 2019, 25, 2764-2772.	1.7	15
32	Fabrication of Uniaxially Aligned Silica Nanogrooves with Sub-5 nm Periodicity on Centimeter-Scale Si Substrate Using Poly(dimethylsiloxane) Stamps. ACS Nano, 2019, 13, 2795-2803.	7.3	6
33	Polymerization of Cyclododecasiloxanes with Siâ€“H and Siâ€“OEt Side Groups by the Piers-Rubinsztajn Reaction. Bulletin of the Chemical Society of Japan, 2018, 91, 747-753.	2.0	15
34	Transformation of Mesostructured Silica Nanoparticles into Colloidal Hollow Nanoparticles in the Presence of a Bridged-Organosiloxane Shell. Chemistry of Materials, 2018, 30, 540-548.	3.2	22
35	Formation of Single-Digit Nanometer Scale Silica Nanoparticles by Evaporation-Induced Self-Assembly. Langmuir, 2018, 34, 1711-1717.	1.6	9
36	Formation of Concentric Silica Nanogrooves Guided by the Curved Surface of Silica Particles. Langmuir, 2018, 34, 1733-1741.	1.6	3

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37	In situsynthesis of magnesium hydroxides modified with tripodal ligands in an organic medium. Dalton Transactions, 2018, 47, 3074-3083.	1.6	10
38	Preparation of Ordered Mesoporous Au using Double Gyroid Mesoporous Silica KITâ€6 via a Seedâ€Mediated Growth Process. Chemistry - an Asian Journal, 2018, 13, 3935-3941.	1.7	8
39	Preparation of Siloxaneâ€Based Microporous Crystals from Hydrogenâ€Bonded Molecular Crystals of Cage Siloxanes. Chemistry - A European Journal, 2018, 24, 17033-17038.	1.7	21
40	Self-assembly of Cyclohexasiloxanes Possessing Alkoxysilyl Groups and Long Alkyl Chains. Chemistry Letters, 2018, 47, 1203-1206.	0.7	7
41	Synthesis of Zeolitic Macrocycles Using Site-Selective Condensation of Regioselectively Difunctionalized Cubic Siloxanes. Inorganic Chemistry, 2018, 57, 14686-14691.	1.9	11
42	Preparation and Controllability of Mesoporous Silica Nanoparticles. The Enzymes, 2018, 44, 1-10.	0.7	11
43	Formation of Silicaâ€“Organic Hybrid Nanoparticles by Cross-linking of Ultra-small Silica Nanoparticles. Chemistry Letters, 2018, 47, 1018-1021.	0.7	3
44	Precise size control of layered double hydroxide nanoparticles through reconstruction using tripodal ligands. Dalton Transactions, 2018, 47, 12884-12892.	1.6	24
45	Direct Synthesis of Highly Designable Hybrid Metal Hydroxide Nanosheets by Using Tripodal Ligands as Oneâ€Sizeâ€Fitsâ€All Modifiers. Chemistry - A European Journal, 2017, 23, 5023-5032.	1.7	24
46	Direct Synthesis of Highly Designable Hybrid Metal Hydroxide Nanosheets by Using Tripodal Ligands as One-Size-Fits-All Modifiers. Chemistry - A European Journal, 2017, 23, 4949-4949.	1.7	1
47	Formation of Nanogrooves with Sub-5 nm Periodicity Using Local Silicification at the Interspace between a Si Substrate and Lyotropic Liquid Crystals. ACS Nano, 2017, 11, 5160-5166.	7.3	10
48	Preparation of Mesoporous Basic Oxides through Assembly of Monodispersed Mgâ€“Al Layered Double Hydroxide Nanoparticles. Chemistry - A European Journal, 2017, 23, 9362-9368.	1.7	29
49	Pore Clogging of Colloidal Mesoporous Silica Nanoparticles for Encapsulating Guest Species. Bulletin of the Chemical Society of Japan, 2017, 90, 706-708.	2.0	5
50	Thickness control of 3-dimensional mesoporous silica ultrathin films by wet-etching. Nanoscale, 2017, 9, 8321-8329.	2.8	11
51	Synthesis of a Singleâ€Crystalline Macroporous Layered Silicate from a Macroporous UTLâ€Type Zeolite and Its Accelerated Intercalation. Chemistry - A European Journal, 2017, 23, 11022-11029.	1.7	3
52	Topotactic conversion of layered silicate RUB-15 to silica sodalite through interlayer condensation in N-methylformamide. Dalton Transactions, 2017, 46, 10232-10239.	1.6	9
53	Role of Cubic Siloxane Cages in Mesostructure Formation and Photoisomerization of Azobenzeneâ€“Siloxane Hybrid. Chemistry Letters, 2017, 46, 1237-1239.	0.7	13
54	Direct Observation of the Outermost Surfaces of Mesoporous Silica Thin Films by High Resolution Ultralow Voltage Scanning Electron Microscopy. Langmuir, 2017, 33, 2148-2156.	1.6	9

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55	Protecting and Leaving Functions of Trimethylsilyl Groups in Trimethylsilylated Silicates for the Synthesis of Alkoxysiloxane Oligomers. Angewandte Chemie, 2017, 129, 14178-14182.	1.6	8
56	Synthesis of a 12-membered cyclic siloxane possessing alkoxysilyl groups as a nanobuilding block and its use for preparation of gas permeable membranes. RSC Advances, 2017, 7, 48683-48691.	1.7	11
57	Spontaneous Crack Healing in Nanostructured Silica-Based Thin Films. ACS Nano, 2017, 11, 10289-10294.	7.3	14
58	Nanospace-Mediated Self-Organization of Nanoparticles in Flexible Porous Polymer Templates. Langmuir, 2017, 33, 9137-9143.	1.6	6
59	Protecting and Leaving Functions of Trimethylsilyl Groups in Trimethylsilylated Silicates for the Synthesis of Alkoxysiloxane Oligomers. Angewandte Chemie - International Edition, 2017, 56, 13990-13994.	7.2	15
60	Fabrication of colloidal crystals composed of pore-expanded mesoporous silica nanoparticles prepared by a controlled growth method. Nanoscale, 2017, 9, 2464-2470.	2.8	30
61	Construction of Siloxane-based Porous Materials by Using Cage-type Element Blocks. Funtai Oyobi Fummatsu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy, 2017, 64, 126-129.	0.1	0
62	A Singleâ€Crystalline Mesoporous Quartz Superlattice. Angewandte Chemie - International Edition, 2016, 55, 6008-6012.	7.2	11
63	Cubic Siloxanes with Both Siâ^'H and Siâ^'Ot Bu Groups for Site-Selective Siloxane Bond Formation. Chemistry - A European Journal, 2016, 22, 13737-13737.	1.7	0
64	A photoresponsive azobenzene-bridged cubic silsesquioxane network. Journal of Sol-Gel Science and Technology, 2016, 79, 262-269.	1.1	7
65	Selective Formation of Alkoxychlorosilanes and Organotrialkoxysilane with Four Different Substituents by Intermolecular Exchange Reaction. Chemistry - an Asian Journal, 2016, 11, 3225-3233.	1.7	8
66	A Mesoporous Superlattice Consisting of Alternately Stacking Interstitial Nanospace within Binary Silica Colloidal Crystals. Angewandte Chemie - International Edition, 2016, 55, 10702-10706.	7.2	4
67	A Mesoporous Superlattice Consisting of Alternately Stacking Interstitial Nanospace within Binary Silica Colloidal Crystals. Angewandte Chemie, 2016, 128, 10860-10864.	1.6	0
68	Colloidal Mesoporous Silica Nanoparticles. Bulletin of the Chemical Society of Japan, 2016, 89, 501-539.	2.0	183
69	Cubic Siloxanes with Both Siâ^'H and Siâ^'O t Bu Groups for Siteâ€Selective Siloxane Bond Formation. Chemistry - A European Journal, 2016, 22, 13857-13864.	1.7	14
70	Usefulness of Mesoporous Silica as a Template for the Preparation of Bundles of Bi Nanowires with Precisely Controlled Diameter Below 10â€...nm. Chemistry - an Asian Journal, 2016, 11, 900-905.	1.7	5
71	Interlayer Condensation of Protonated Layered Silicate Magadiite through Refluxing in N-Methylformamide. Bulletin of the Chemical Society of Japan, 2015, 88, 1241-1249.	2.0	7
72	Relationship between Aggregated Structures and Dispersibility of Layered Double Hydroxide Nanoparticles ca. 10 nm in Size and Their Application to Ultrafast Removal of Aqueous Anionic Dye. Bulletin of the Chemical Society of Japan, 2015, 88, 1765-1772.	2.0	14

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73	Si Substrate as a SiO2 Source for the Preparation of Mesoporous SiO2â€“TiO2 Thin Films. Chemistry Letters, 2015, 44, 372-374.	0.7	1
74	Proton tunneling in low dimensional cesium silicate LDS-1. Journal of Chemical Physics, 2015, 143, 024503.	1.2	5
75	Preparation of Mesoporous Bimetallic Auâ€“Pt with a Phaseâ€Segregated Heterostructure Using Mesoporous Silica. Chemistry - A European Journal, 2015, 21, 19142-19148.	1.7	4
76	The Critical Effect of Niobium Doping on the Formation of Mesostructured TiO₂: Singleâ€Crystalline Ordered Mesoporous Nbâ€TiO₂ and Plateâ€like Nbâ€TiO₂ with Ordered Mesoscale Dimples. Chemistry - A European Journal, 2015, 21, 13073-13079.	1.7	14
77	Effective Use of Alkoxysilanes with Different Hydrolysis Rates for Particle Size Control of Aqueous Colloidal Mesostructured and Mesoporous Silica Nanoparticles by the Seedâ€Growth Method. ChemNanoMat, 2015, 1, 194-202.	1.5	9
78	Regular assembly of cage siloxanes by hydrogen bonding of dimethylsilanol groups. Chemical Communications, 2015, 51, 11034-11037.	2.2	35
79	Mesoporous TiO₂ films with regularly aligned slit-like nanovoids. Journal of Materials Chemistry C, 2015, 3, 3869-3875.	2.7	10
80	A multifunctional role of trialkylbenzenes for the preparation of aqueous colloidal mesostructured/mesoporous silica nanoparticles with controlled pore size, particle diameter, and morphology. Nanoscale, 2015, 7, 19557-19567.	2.8	34
81	Photoinduced Bending of Self-Assembled Azobenzeneâ€“Siloxane Hybrid. Journal of the American Chemical Society, 2015, 137, 15434-15440.	6.6	99
82	Topotactic Conversion of Î²â€Helixâ€Layered Silicate into ASTâ€Type Zeolite through Successive Interlayer Modifications. Chemistry - A European Journal, 2014, 20, 1893-1900.	1.7	26
83	Innentitelbild: Molecularly Designed Nanoparticles by Dispersion of Self-Assembled Organosiloxane-Based Mesophases (Angew. Chem. 35/2014). Angewandte Chemie, 2014, 126, 9246-9246.	1.6	0
84	Utilization of Alkoxysilyl Groups for the Creation of Structurally Controlled Siloxane-Based Nanomaterials. Chemistry of Materials, 2014, 26, 211-220.	3.2	90
85	Preparation of highly controlled nanostructured Au within mesopores using reductive deposition in non-polar environments. RSC Advances, 2014, 4, 27201-27206.	1.7	12
86	Critical Roles of Cationic Surfactants in the Preparation of Colloidal Mesostructured Silica Nanoparticles: Control of Mesostructure, Particle Size, and Dispersion. ACS Applied Materials & Interfaces, 2014, 6, 3491-3500.	4.0	69
87	Optimal topotactic conversion of layered octosilicate to RWR-type zeolite by separating the formation stages of interlayer condensation and elimination of organic guest molecules. Dalton Transactions, 2014, 43, 10392-10395.	1.6	16
88	Silylation of Layered Silicate RUB-51 with SiCl₄ and Conversion of the Silylated Derivative to a Crystalline Microporous Material. Chemistry of Materials, 2014, 26, 3796-3803.	3.2	18
89	Synthesis of a multifunctional alkoxysiloxane oligomer. New Journal of Chemistry, 2014, 38, 5362-5368.	1.4	13
90	Preparation of Size-Controlled Monodisperse Colloidal Mesoporous Silica Nanoparticles and Fabrication of Colloidal Crystals. Chemistry of Materials, 2014, 26, 2927-2933.	3.2	58

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91	Molecularly Designed Nanoparticles by Dispersion of Selfâ€Assembled Organosiloxaneâ€Based Mesophases. Angewandte Chemie - International Edition, 2014, 53, 9173-9177.	7.2	7
92	Replication of Ordered Mesostructure on the Surface of 2D Hexagonal Mesoporous Silica Film as Exemplified by the Formation of Striped Cu Nanopatterns. Chemistry Letters, 2014, 43, 846-848.	0.7	5
93	Developments in Silica-Based Nanoporous Materials. Bulletin of Japan Society of Coordination Chemistry, 2014, 64, 2-13.	0.1	0
94	Siloxaneâ€Bond Formation Promoted by Lewis Acids: A Nonhydrolytic Solâ€“Gel Process and the Piersâ€“Rubinsztajn Reaction. ChemPlusChem, 2013, 78, 764-774.	1.3	33
95	A novel route for preparation of Ti-containing mesoporous silica with high catalytic performance by using a molecular precursor tetrakis(tris-tert-butoxysiloxy)titanium. Journal of Materials Chemistry A, 2013, 1, 2485.	5.2	25
96	Lattice Matching in the Epitaxial Formation of Mesostructured Silica Films. Langmuir, 2013, 29, 761-765.	1.6	14
97	Exfoliation of Layered Octosilicate by Simple Cation Exchange with Didecyldimethylammonium Ions. Chemistry Letters, 2013, 42, 80-82.	0.7	25
98	Selective Cleavage of Periodic Mesoscale Structures: Two-Dimensional Replication of Binary Colloidal Crystals into Dimpled Gold Nanoplates. Journal of the American Chemical Society, 2012, 134, 8684-8692.	6.6	34
99	Polymorph Control of Calcium Carbonate on the Surface of Mesoporous Silica. Crystal Growth and Design, 2012, 12, 887-893.	1.4	20
100	Direct alkoxysilylation of alkoxysilanes for the synthesis of explicit alkoxysiloxane oligomers. Journal of Organometallic Chemistry, 2012, 716, 26-31.	0.8	15
101	Preparation of Au Nanowire Films by Electrodeposition Using Mesoporous Silica Films as a Template: Vital Effect of Vertically Oriented Mesopores on a Substrate. Journal of Physical Chemistry C, 2012, 116, 24672-24680.	1.5	38
102	Preparation of Colloidal Mesoporous Silica Nanoparticles with Different Diameters and Their Unique Degradation Behavior in Static Aqueous Systems. Chemistry of Materials, 2012, 24, 1462-1471.	3.2	250
103	A spherosilicate oligomer with eight stable silanol groups as a building block of hybrid materials. New Journal of Chemistry, 2012, 36, 1210.	1.4	16
104	Exfoliation of Layered Silicates through Immobilization of Imidazolium Groups. Chemistry of Materials, 2011, 23, 266-273.	3.2	49
105	One-Step Exfoliation of Kaolinites and Their Transformation into Nanoscrolls. Langmuir, 2011, 27, 2028-2035.	1.6	151
106	Preparation of mesostructured silicaâ€“micelle hybrids and their conversion to mesoporous silica modified controllably with immobilized hydrophobic blocks by using triethoxysilyl-terminated PEOâ€“PPOâ€“PEO triblock copolymer. Journal of Materials Chemistry, 2011, 21, 3711.	6.7	8
107	Aqueous Colloidal Mesoporous Nanoparticles with Ethenylene-Bridged Silsesquioxane Frameworks. Journal of the American Chemical Society, 2011, 133, 8102-8105.	6.6	170
108	Double function of tris(hydroxymethyl)aminomethane (THAM) for the preparation of colloidal silica nanospheres and the conversion to ordered mesoporous carbon. Chemical Communications, 2011, 47, 10933.	2.2	24

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109	Ordered Silylation of Layered Silicate RUB-51 with Half-Sodalite Cages. Bulletin of the Chemical Society of Japan, 2011, 84, 968-975.	2.0	13
110	Materials design of layered silicates through covalent modification of interlayer surfaces. Journal of Materials Chemistry, 2011, 21, 14336.	6.7	159
111	Synthesis of mesostructured silica from monoalkyl-substituted double five-ring units. Journal of Sol-Gel Science and Technology, 2011, 57, 263-268.	1.1	17
112	Nonhydrolytic Synthesis of Branched Alkoxysiloxane Oligomers Si[OSiH(OR)₂]₄ (R=Me, Et). Angewandte Chemie - International Edition, 2010, 49, 5273-5277.	7.2	50
113	Morphosynthesis of Nanostructured Gold Crystals by Utilizing Interstices in Periodically Arranged Silica Nanoparticles as a Flexible Reaction Field. Angewandte Chemie - International Edition, 2010, 49, 6993-6997.	7.2	46
114	Tailored synthesis of mesoporous platinum replicas using double gyroid mesoporous silica (KIT-6) with different pore diameters via vapor infiltration of a reducing agent. Chemical Communications, 2010, 46, 6365.	2.2	77
115	Interlayer modification of a layered H-octosilicate (H-RUB-18) with methanol: formation of a highly ordered organosilicate nanohybrid. Journal of Materials Chemistry, 2010, 20, 3202.	6.7	21
116	Anion Exchangeable Layered Silicates Modified with Ionic Liquids on the Interlayer Surface. Chemistry of Materials, 2010, 22, 3340-3348.	3.2	45
117	Soft-Chemical Approach of Noble Metal Nanowires Templated from Mesoporous Silica (SBA-15) through Vapor Infiltration of a Reducing Agent. Journal of Physical Chemistry C, 2010, 114, 7586-7593.	1.5	68
118	Preparation of lamellar inorganicâ€“organic hybrids from tetraethoxysilane and a coumarin derivative containing a triethoxysilyl group and photodimerization of the interlayer coumarin groups. Journal of Materials Chemistry, 2010, 20, 6688.	6.7	9
119	Integrated structural control of cage-type mesoporous platinum possessing both tunable large mesopores and variable surface structures by block copolymer-assisted Pt deposition in a hard-template. Chemical Communications, 2010, 46, 1827-1829.	2.2	57
120	Ordered Mesoporous Silica Derived from Layered Silicates. Advanced Functional Materials, 2009, 19, 511-527.	7.8	63
121	Formation of Two- and Three-Dimensional Hybrid Mesostructures from Branched Siloxane Molecules. Journal of the American Chemical Society, 2009, 131, 9634-9635.	6.6	43
122	Dialysis process for the removal of surfactants to form colloidal mesoporous silica nanoparticles. Chemical Communications, 2009, , 5094.	2.2	113
123	Properties of metal species in square-shape mesopores of KSW-2-based silica. Journal of Materials Chemistry, 2009, 19, 3859.	6.7	9
124	Facile formation of single crystalline Pt nanowires on a substrate utilising lyotropic liquid crystals consisting of cationic surfactants. Journal of Materials Chemistry, 2009, 19, 4205.	6.7	10
125	Facile patterning of assembled silica nanoparticles with a closely packed arrangement through guided growth. Journal of Materials Chemistry, 2009, 19, 1964.	6.7	16
126	Selfâ€Assembly of Alkylâ€Substituted Cubic Siloxane Cages into Ordered Hybrid Materials. Chemistry - A European Journal, 2008, 14, 8500-8506.	1.7	66

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127	Exploration of a Standing Mesochannel System with Antimatter/Matter Atomic Probes. Advanced Materials, 2008, 20, 4728-4733.	11.1	16
128	Oligomeric Alkoxysilanes with Cagelike Hybrids as Cores: Designed Precursors of Nanohybrid Materials. Chemistry - an Asian Journal, 2008, 3, 600-606.	1.7	16
129	Rational Design of Mesoporous Metals and Related Nanomaterials by a Softâ€Template Approach. Chemistry - an Asian Journal, 2008, 3, 664-676.	1.7	252
130	A hybrid mesoporous material with uniform distribution of carboxy groups assembled from a cubic siloxane-based precursor. Chemical Communications, 2008, , 6152.	2.2	36
131	Alkoxysilylated-Derivatives of Double-Four-Ring Silicate as Novel Building Blocks of Silica-Based Materials. Chemistry of Materials, 2008, 20, 1147-1153.	3.2	78
132	Organic derivatives of the layered perovskite HLaNb2O7Â·xH2O with polyether chains on the interlayer surface: characterization, intercalation of LiClO4, and ionic conductivity. Journal of Materials Chemistry, 2008, 18, 3581.	6.7	26
133	Stepwise silylation of double-four-ring (D4R) silicate into a novel spherical siloxane with a defined architecture. Journal of Materials Chemistry, 2008, 18, 3193.	6.7	18
134	Phenylene-bridged mesoporous organosilica films with uniaxially aligned mesochannels. Journal of Materials Chemistry, 2008, 18, 1239.	6.7	14
135	Layer-by-layer assembly of imogolite nanotubes and polyelectrolytes into core-shell particles and their conversion to hierarchically porous spheres. Science and Technology of Advanced Materials, 2008, 9, 025018.	2.8	20
136	Magnetically induced orientation of mesochannels inside porous anodic alumina membranes under ultra high magnetic field of 30 T: Confirmation by TEM. Journal of the Ceramic Society of Japan, 2008, 116, 1244-1248.	0.5	12
137	Deposition of single-crystalline mesoporous silica particles and the in-plane arrangement of mesocages over particles on a cleaved mica surface. Journal of Materials Chemistry, 2007, 17, 4762.	6.7	6
138	Structure and properties of multilayered siloxaneâ€“organic hybrid films prepared using long-chain organotrialkoxysilanes containing Cî€€ double bonds. Journal of Materials Chemistry, 2007, 17, 658-663.	6.7	34
139	Intercalation of Poly(oxyethylene) Alkyl Ether into a Layered Silicate Kanemite. Langmuir, 2007, 23, 10765-10771.	1.6	11
140	Orientational Control of Hexagonally Packed Silica Mesochannels in Lithographically Designed Confined Nanospaces. Angewandte Chemie - International Edition, 2007, 46, 5364-5368.	7.2	52
141	Synthesis of Microporous Inorganicâ€"Organic Hybrids from Layered Octosilicate by Silylation with 1,4-Bis(trichloro- and dichloromethyl-silyl)benzenes. Chemistry of Materials, 2006, 18, 5223-5229.	3.2	54
142	Design of silicate nanostructures by interlayer alkoxysilylation of layered silicates (magadiite and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.4	38
143	Surfactant-free synthesis of lamellar and wormhole-like silica mesostructures by using 1-alkynyltrimethoxysilanes. Journal of Materials Chemistry, 2006, 16, 986.	6.7	18
144	Magnetically induced orientation of mesochannels in 2D-hexagonal mesoporous silica films. Journal of Materials Chemistry, 2006, 16, 3693.	6.7	61

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145	Synthesis and characterization of mesoporous Ptâ€“Ni (HIâ€“Pt/Ni) alloy particles prepared from lyotropic liquid crystalline media. Journal of Materials Chemistry, 2006, 16, 2229-2234.	6.7	34
146	Designed synthesis of nanostructured siloxaneâ€“organic hybrids from amphiphilic silicon-based precursors. Chemical Record, 2006, 6, 53-63.	2.9	165
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