Shinji Inagaki

List of Publications by Year
in descending order

246	17,424	16451 64	15266 126
papers	citations	h-index	g-index

265	265	265	10780
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Nanoporous Substrates with Molecular-Level Perfluoroalkyl/Alkylamide Surface for Laser Desorption/Ionization Mass Spectrometry of Small Proteins. ACS Applied Materials & Interfaces, 2022, 14, 3716-3725.	8.0	5
2	Luminescent Nanorattles Based on Bipyridine Periodic Mesoporous Organosilicas for Simultaneous Thermometry and Catalysis. Chemistry of Materials, 2022, 34, 3770-3780.	6.7	6
3	Molecular recognition of catechols on the crystal-like surface of periodic mesoporous organosilica containing pyridinylethynylpyridine. Inorganic Chemistry Frontiers, 2022, 9, 3669-3678.	6.0	2
4	Hydrogen Production from Methanolâ€Water Mixture over Immobilized Iridium Complex Catalysts in Vaporâ€Phase Flow Reaction. ChemSusChem, 2021, 14, 1074-1081.	6.8	21
5	Immobilized Zn(OAc)2 on bipyridine-based periodic mesoporous organosilica for N-formylation of amines with CO2 and hydrosilanes. New Journal of Chemistry, 2021, 45, 9501-9505.	2.8	9
6	Bipyridine-silica nanotubes with high bipyridine contents in the framework. Microporous and Mesoporous Materials, 2021, 313, 110854.	4.4	2
7	Hydrogen Production from Methanolâ€Water Mixture over Immobilized Iridium Complex Catalysts in Vaporâ€Phase Flow Reaction. ChemSusChem, 2021, 14, 994-994.	6.8	3
8	Re(bpy)(CO) 3 Cl Immobilized on Bipyridine Organosilica Nanotubes for Photocatalytic CO 2 Reduction. European Journal of Inorganic Chemistry, 2021, 2021, 1624-1631.	2.0	7
9	Metal scavenging and catalysis by periodic mesoporous organosilicas with 2,2â€²â€bipyridine metal chelating ligands. Applied Organometallic Chemistry, 2021, 35, e6341.	3.5	3
10	Light-harvesting photocatalysis for H2 evolution by methylacridone-bridged periodic mesoporous organosilica. Applied Catalysis B: Environmental, 2021, 287, 119965.	20.2	12
11	Theoretical analysis of means of preventing Siâ€“C bond cleavage during polycondensation of organosilanes to organosilicas. New Journal of Chemistry, 2021, 45, 6120-6128.	2.8	1
12	Heterogeneous water oxidation photocatalysis based on periodic mesoporous organosilica immobilizing a tris(2,2â€²-bipyridine)ruthenium sensitizer. RSC Advances, 2020, 10, 13960-13967.	3.6	12
13	Lanthanide-Grafted Bipyridine Periodic Mesoporous Organosilicas (BPy-PMOs) for Physiological Range and Wide Temperature Range Luminescence Thermometry. ACS Applied Materials & Interfaces, 2020, 12, 13540-13550.	8.0	44
14	Direct nanoimprinting of nanoporous organosilica films consisting of covalently crosslinked photofunctional frameworks. Nanoscale, 2020, 12, 21146-21154.	5.6	10
15	Iridium Complex Immobilized on Custom-Designed Periodic Mesoporous Organosilica as Reusable Catalyst for the Dehydrogenative Oxidation of Alcohols. ACS Applied Nano Materials, 2020, 3, 2527-2535.	5.0	14
16	Ab initio study on the excited states of pyrene and its derivatives using multi-reference perturbation theory methods. RSC Advances, 2020, 10, 12988-12998.	3.6	11
17	Microreactor Coated with Mesoporous Organosilica Thin Film as a Support for Metal Complex Catalysts. European Journal of Inorganic Chemistry, 2020, 2020, 4083-4087.	2.0	3
18	Catalytic Disproportionation of Formic Acid to Methanol by an Iridium Complex Immobilized on Bipyridineâ€Periodic Mesoporous Organosilica. ChemCatChem, 2019, 11, 4797-4802.	3.7	8

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19	Fast and stable vapochromic response induced through nanocrystal formation of a luminescent platinum(II) complex on periodic mesoporous organosilica. Scientific Reports, 2019, 9, 15151.	3.3	22
20	Excited-State Dynamics of 2,2â€²-Bipyridine Moieties Embedded in the Framework of Periodic Mesoporous Organosilica. Journal of Physical Chemistry C, 2019, 123, 28443-28449.	3.1	3
21	Effects of pore surfaces on the electronic states of metal complexes formed on bipyridine periodic mesoporous organosilica. New Journal of Chemistry, 2019, 43, 2471-2478.	2.8	6
22	Cooperative Catalysis of an Alcohol Dehydrogenase and Rhodiumâ€Modified Periodic Mesoporous Organosilica. Angewandte Chemie, 2019, 131, 9248-9252.	2.0	13
23	Cooperative Catalysis of an Alcohol Dehydrogenase and Rhodiumâ€Modified Periodic Mesoporous Organosilica. Angewandte Chemie - International Edition, 2019, 58, 9150-9154.	13.8	51
24	Periodic mesoporous organosilicas possessing molecularly mixed pyridine and benzene moieties in the frameworks. Microporous and Mesoporous Materials, 2019, 284, 10-15.	4.4	12
25	Heterogeneous hydrosilylation reaction catalysed by platinum complexes immobilized on bipyridine-periodic mesoporous organosilicas. Dalton Transactions, 2019, 48, 5534-5540.	3.3	22
26	Well-controlled radical-based epoxidation catalyzed by copper complex immobilized on bipyridine-periodic mesoporous organosilica. Applied Catalysis A: General, 2019, 575, 87-92.	4.3	8
27	Synthesis and Applications of Periodic Mesoporous Organosilicas. , 2019, , 1-25.		6
28	Mesoporous organosilica films for laser desorption/ionization mass spectrometry. Microporous and Mesoporous Materials, 2018, 268, 125-130.	4.4	13
29	Immobilization of a Molybdenum Complex on Bipyridine-Based Periodic Mesoporous Organosilica and Its Catalytic Activity for Epoxidation of Olefins. ACS Catalysis, 2018, 8, 4160-4169.	11.2	73
30	Enhanced Photoluminescence of Mesostructured Organosilica Films with a High Density of Fluorescent Chromophores. Macromolecular Chemistry and Physics, 2018, 219, 1700596.	2.2	6
31	Transfer hydrogenation of nitrogen heterocycles using a recyclable rhodium catalyst immobilized on bipyridine-periodic mesoporous organosilica. Catalysis Science and Technology, 2018, 8, 534-539.	4.1	29
32	Re(bpy)(CO)₃Cl Immobilized on Bipyridineâ€Periodic Mesoporous Organosilica for Photocatalytic CO₂ Reduction. Chemistry - A European Journal, 2018, 24, 3846-3853.	3.3	46
33	Immobilization of luminescent Platinum(II) complexes on periodic mesoporous organosilica and their water reduction photocatalysis. Journal of Photochemistry and Photobiology A: Chemistry, 2018, 358, 334-344.	3.9	19
34	Synthesis and Optical Applications of Periodic Mesoporous Organosilicas. The Enzymes, 2018, 44, 11-34.	1.7	0
35	A Heterogeneous Hydrogenâ€Evolution Catalyst Based on a Mesoporous Organosilica with a Diiron Catalytic Center Modelling [FeFe]â€Hydrogenase. ChemCatChem, 2018, 10, 4894-4899.	3.7	10
36	Templateâ€Free Synthesis of Electroconductive Triphenylamineâ€“Silica Nanotubes Exhibiting a Mixedâ€Valence State. Advanced Functional Materials, 2018, 28, 1803116.	14.9	4

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37	Charge Separation in a Multifunctionalized Framework of Hydrogenâ€Bonded Periodic Mesoporous Organosilica. Chemistry - an Asian Journal, 2018, 13, 2117-2125.	3.3	5
38	Photocatalytic CO₂ Reduction by Periodic Mesoporous Organosilica (PMO) Containing Two Different Ruthenium Complexes as Photosensitizing and Catalytic Sites. Chemistry - A European Journal, 2017, 23, 10301-10309.	3.3	38
39	An Effective Synthetic Process for Pt-ZnO Composite and PtZn Alloy Using Spherical Coordination Polymer Particles as Precursors. Chemistry Letters, 2017, 46, 1112-1115.	1.3	2
40	Facile formation of gold nanoparticles on periodic mesoporous bipyridine-silica. Catalysis Today, 2017, 298, 258-262.	4.4	20
41	Transition from a 2D Degenerate Bose Liquid to 3D Superfluid in ⁴He Films Formed in Nanopores. Journal of the Physical Society of Japan, 2017, 86, 103601.	1.6	0
42	Enhanced durability of an iridium-bipyridine complex embedded into organosilica nanotubes for water oxidation. Dalton Transactions, 2017, 46, 9369-9374.	3.3	16
43	Excited-State Dynamics of Phenylene Moieties in a Framework of the Organosilica Nanotube. Journal of Physical Chemistry C, 2017, 121, 14962-14967.	3.1	0
44	A Versatile Solid Photosensitizer: Periodic Mesoporous Organosilicas with Ruthenium Tris(bipyridine) Complexes Embedded in the Pore Walls. Advanced Functional Materials, 2016, 26, 5068-5077.	14.9	40
45	Heterogeneous Catalysis for Water Oxidation by an Iridium Complex Immobilized on Bipyridineâ€Periodic Mesoporous Organosilica. Angewandte Chemie, 2016, 128, 8075-8079.	2.0	36
46	Heterogeneous Catalysis for Water Oxidation by an Iridium Complex Immobilized on Bipyridineâ€Periodic Mesoporous Organosilica. Angewandte Chemie - International Edition, 2016, 55, 7943-7947.	13.8	82
47	Heterogene molekulare Systeme fÃ¼r eine photokatalytische CO₂â€Reduktion mit Wasseroxidation. Angewandte Chemie, 2016, 128, 15146-15174.	2.0	46
48	Heterogeneous Molecular Systems for Photocatalytic CO₂ Reduction with Water Oxidation. Angewandte Chemie - International Edition, 2016, 55, 14924-14950.	13.8	360
49	A photoluminescent covalent triazine framework: CO₂ adsorption, light-driven hydrogen evolution and sensing of nitroaromatics. Journal of Materials Chemistry A, 2016, 4, 13450-13457.	10.3	122
50	Photocatalytic H2 Evolution by Pt-Loaded 9,9â€²-Spirobifluorene-Based Conjugated Microporous Polymers under Visible-Light Irradiation. Bulletin of the Chemical Society of Japan, 2016, 89, 887-891.	3.2	14
51	Synthesis of 9,9â€²-spirobifluorene-based conjugated microporous polymers by FeCl₃-mediated polymerization. Polymer Chemistry, 2016, 7, 1290-1296.	3.9	44
52	Periodic Mesoporous Organosilica with Molecularâ€Scale Ordering Selfâ€Assembled by Hydrogen Bonds. Angewandte Chemie - International Edition, 2015, 54, 11999-12003.	13.8	34
53	Iridiumâ€“bipyridine periodic mesoporous organosilica catalyzed direct Câ€“H borylation using a pinacolborane. Dalton Transactions, 2015, 44, 13007-13016.	3.3	67
54	Rutheniumâ€Immobilized Periodic Mesoporous Organosilica: Synthesis, Characterization, and Catalytic Application for Selective Oxidation of Alkanes. Chemistry - A European Journal, 2015, 21, 15564-15569.	3.3	44

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55	Properties and Interfacial Structure Analysis of MWCNT/ESBS Composites. Industrial & Engineering Chemistry Research, 2015, 54, 8690-8698.	3.7	3
56	A Visibleâ€Light Harvesting System for CO₂ Reduction Using a Ru^{II}â€“Re^I Photocatalyst Adsorbed in Mesoporous Organosilica. ChemSusChem, 2015, 8, 439-442.	6.8	80
57	Mesoporous organosilica nanotubes containing a chelating ligand in their walls. APL Materials, 2014, 2, 113308.	5.1	24
58	A Solid Chelating Ligand: Periodic Mesoporous Organosilica Containing 2,2â€²-Bipyridine within the Pore Walls. Journal of the American Chemical Society, 2014, 136, 4003-4011.	13.7	166
59	Efficient light harvesting via sequential two-step energy accumulation using a Ruâ€“Re5 multinuclear complex incorporated into periodic mesoporous organosilica. Chemical Science, 2014, 5, 639-648.	7.4	48
60	Ionic conductivity of mesoporous electrolytes with a high density of pyridinium groups within their framework. Journal of Materials Chemistry A, 2014, 2, 9960.	10.3	13
61	Formation of hexagonal and cubic fluorescent periodic mesoporous organosilicas in the channels of anodic alumina membranes. Journal of Materials Chemistry C, 2014, 2, 50-55.	5.5	15
62	Synthesis of visible-light-absorptive and hole-transporting periodic mesoporous organosilica thin films for organic solar cells. Journal of Materials Chemistry A, 2014, 2, 11857-11865.	10.3	31
63	Cooperative Conformational Change and Excitation Migration of Biphenyl-PMO Amorphous Film, As Revealed by Femtosecond Time-Resolved Spectroscopy. Journal of Physical Chemistry C, 2014, 118, 9419-9428.	3.1	8
64	Hybridization between Periodic Mesoporous Organosilica and a Ru(II) Polypyridyl Complex with Phosphonic Acid Anchor Groups. ACS Applied Materials & Interfaces, 2014, 6, 1992-1998.	8.0	21
65	Lightâ€Harvesting Photocatalysis for Water Oxidation Using Mesoporous Organosilica. Chemistry - A European Journal, 2014, 20, 9130-9136.	3.3	13
66	A triazine functionalized porous organic polymer: excellent CO₂storage material and support for designing Pd nanocatalyst for Câ€“C cross-coupling reactions. Journal of Materials Chemistry A, 2014, 2, 11642.	10.3	138
67	Enantioseparation using ortho- or meta-substituted phenylcarbamates of amylose as chiral stationary phases for high-performance liquid chromatography. Journal of Chromatography A, 2013, 1286, 41-46.	3.7	26
68	Dynamics of Excitation Energy Transfer from Biphenylylene Excimers in Pore Walls of Periodic Mesoporous Organosilica to Coumarin 1 in the Mesochannels. Journal of Physical Chemistry C, 2013, 117, 14865-14871.	3.1	9
69	Exciton migration dynamics between phenylene moieties in the framework of periodic mesoporous organosilica powder. RSC Advances, 2013, 3, 14774.	3.6	3
70	Enhancement of Proton Transport by High Densification of Sulfonic Acid Groups in Highly Ordered Mesoporous Silica. Chemistry of Materials, 2013, 25, 1584-1591.	6.7	49
71	A new synthetic approach for functional triisopropoxyorganosilanes using molecular building blocks. Tetrahedron, 2013, 69, 5312-5318.	1.9	10
72	Phases of superfluid helium in smooth cylindrical pores. Physical Review B, 2013, 88, .	3.2	16

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73	Dynamics of the Fast Component of Nano-Confined Water Under Electric Field. Journal of the Physical Society of Japan, 2013, 82, SA007.	1.6	1
74	Poly[[dodecaaqua(Î¼4-benzene-1,4-dicarboxylato)(Î¼2-4,4â€²-bipyridine-Îº2N:Nâ€²)dicerium(III)] bis(benzene-1,4-dicarboxylate)]. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, m643-m644.	0.2	2
75	Thermal behavior, structure, and dynamics of low-temperature water confined in mesoporous organosilica by differential scanning calorimetry, X-ray diffraction, and quasi-elastic neutron scattering. Pure and Applied Chemistry, 2012, 85, 289-305.	1.9	26
76	A Novel Solâ€“Gel Approach to Highly Condensed Silicas at Low Temperature. Chemistry Letters, 2012, 41, 280-281.	1.3	1
77	Facile Synthesis of Functional Alkoxysilane Precursor with Short Linkers toward Organosilica Hybrids with a High Density of Chromophores. Chemistry Letters, 2012, 41, 316-318.	1.3	2
78	Synthesis, Crystal Structures, and Properties of a Series of Coordination Polymers Employing R4-Terephthalate (R = H, F, Cl, Br) and 4,4â€²-Bipyridine as Bridging Ligands. Bulletin of the Chemical Society of Japan, 2012, 85, 1102-1111.	3.2	4
79	Structure and Dynamics of Water Confined in Mesoporous Silica and Periodic Mesoporous Organosilica. Bunseki Kagaku, 2012, 61, 989-998.	0.2	1
80	Enhanced translational diffusion of confined water under electric field. Physical Review E, 2012, 86, 021506.	2.1	23
81	Facile preparation of oriented nanoporous silica films from solvent-free liquid-crystalline mixtures. Chemical Communications, 2012, 48, 10772.	4.1	7
82	Energy and Electron Transfer from Fluorescent Mesostructured Organosilica Framework to Guest Dyes. Langmuir, 2012, 28, 3987-3994.	3.5	30
83	Ab Initio Molecular Orbital Study on the Excited States of [2.2]-, [3.3]-, and Siloxane-Bridged Paracyclophanes. Journal of Physical Chemistry A, 2012, 116, 10194-10202.	2.5	15
84	Isothermally Reversible Fluorescence Switching of a Mechanochromic Perylene Bisimide Dye. Advanced Materials, 2012, 24, 3350-3355.	21.0	147
85	Enhanced Fluorescence Detection of Metal Ions Using Lightâ€Harvesting Mesoporous Organosilica. Chemistry - A European Journal, 2012, 18, 1992-1998.	3.3	50
86	Mesoporous Organosilica Hybrids Consisting of Silicaâ€Wrapped Ï€â€“Ï€ Stacking Columns. Angewandte Chemie - International Edition, 2012, 51, 1156-1160.	13.8	35
87	Synthesis of a spirobifluorene-bridged allylsilane precursor for periodic mesoporous organosilica. Chemical Communications, 2011, 47, 5025.	4.1	14
88	Fluorescence studies on phenylene moieties embedded in a framework of periodic mesoporous organosilica. Physical Chemistry Chemical Physics, 2011, 13, 7961.	2.8	17
89	Hierarchically structured biphenylene-bridged periodic mesoporous organosilica. Journal of Materials Chemistry, 2011, 21, 17338.	6.7	22
90	Enhanced solâ€“gel polymerization of organoallylsilanes by solvent effect. Journal of Materials Chemistry, 2011, 21, 14020.	6.7	9

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91	Preparation and Properties of Multiwall Carbon Nanotubes/Polystyrene-Block-Polybutadiene-Block-Polystyrene Composites. Industrial & Engineering Chemistry Research, 2011, 50, 8016-8022.	3.7	22
92	Basic Sites on Periodic Mesoporous Organosilicas Investigated by XPS and in Situ FTIR of Adsorbed Pyrrole. Langmuir, 2011, 27, 1181-1185.	3.5	9
93	Ab Initio Studies of Aromatic Excimers Using Multiconfiguration Quasi-Degenerate Perturbation Theory. Journal of Physical Chemistry A, 2011, 115, 7687-7699.	2.5	73
94	Novel synthesis of bifunctional catalysts with different microenvironments. Chemical Communications, 2011, 47, 10422.	4.1	36
95	Synthesis of single crystalline anthracene-silica hybrid and its structural and optical properties. Solid State Sciences, 2011, 13, 729-735.	3.2	9
96	Syntheses, properties and applications of periodic mesoporous organosilicas prepared from bridged organosilane precursors. Chemical Society Reviews, 2011, 40, 789-800.	38.1	497
97	Highly Conductive Organosilica Hybrid Films Prepared from a Liquidâ€Crystal Perylene Bisimide Precursor. Advanced Functional Materials, 2011, 21, 3291-3296.	14.9	50
98	Periodic Mesoporous Organosilica Derivatives Bearing a High Density of Metal Complexes on Pore Surfaces. Angewandte Chemie - International Edition, 2011, 50, 11667-11671.	13.8	79
99	Synthesis of highly ordered mesoporous silica thin films for nano-fabrication of platinum nanodot arrays. Journal of Porous Materials, 2010, 17, 529-534.	2.6	4
100	Transparent and visible-light harvesting acridone-bridged mesostructured organosilica film. Journal of Materials Chemistry, 2010, 20, 4399.	6.7	51
101	Crystal-like periodic mesoporous organosilica bearing pyridine units within the framework. Chemical Communications, 2010, 46, 8163.	4.1	55
102	Enhanced Photocatalysis of Rhenium(I) Complex by Light-Harvesting Periodic Mesoporous Organosilica. Inorganic Chemistry, 2010, 49, 4554-4559.	4.0	130
103	Tetraphenylpyrene-Bridged Periodic Mesostructured Organosilica Films with Efficient Visible-Light Emission. Chemistry of Materials, 2010, 22, 2548-2554.	6.7	74
104	Theoretical Studies on Siâ^'C Bond Cleavage in Organosilane Precursors during Polycondensation to Organosilica Hybrids. Journal of Physical Chemistry A, 2010, 114, 6047-6054.	2.5	23
105	Mesostructured organosilica with a 9-mesityl-10-methylacridinium bridging unit: photoinduced charge separation in the organosilica framework. Chemical Communications, 2010, 46, 9235.	4.1	29
106	Dynamics in the excited electronic state of periodic mesoporous biphenylylene-silica studied by time-resolved diffuse reflectance and fluorescence spectroscopy. Physical Chemistry Chemical Physics, 2010, 12, 11688.	2.8	25
107	Efficient Visibleâ€Light Emission from Dyeâ€Doped Mesostructured Organosilica. Advanced Materials, 2009, 21, 4798-4801.	21.0	67
108	Fluorescence Emission from 2,6â€Naphthyleneâ€Bridged Mesoporous Organosilicas with an Amorphous or Crystalâ€Like Framework. Chemistry - A European Journal, 2009, 15, 219-226.	3.3	80

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109	A Periodic Mesoporous Organosilicaâ€Based Donorâ€“Acceptor System for Photocatalytic Hydrogen Evolution. Chemistry - A European Journal, 2009, 15, 13041-13046.	3.3	53
110	Light Harvesting by a Periodic Mesoporous Organosilica Chromophore. Angewandte Chemie - International Edition, 2009, 48, 4042-4046.	13.8	216
111	Enhanced benzene selectivity of mesoporous silica SPV sensors by incorporating phenylene groups in the silica framework. Sensors and Actuators B: Chemical, 2009, 138, 417-421.	7.8	30
112	Synthesis and optical properties of 2,6-anthracene-bridged periodic mesostructured organosilicas. Microporous and Mesoporous Materials, 2009, 117, 535-540.	4.4	26
113	Fabrication of single-wall carbon nanotubes within the channels of a mesoporous material by catalyst-supported chemical vapor deposition. Carbon, 2009, 47, 722-730.	10.3	21
114	Hole-Transporting Periodic Mesostructured Organosilica. Journal of the American Chemical Society, 2009, 131, 14225-14227.	13.7	87
115	Microscopic Structure and Mobility of Guest Molecules in Mesoporous Hybrid Organosilica: Evaluation with Single-Molecule Tracking. Journal of Physical Chemistry C, 2009, 113, 11884-11891.	3.1	29
116	Luminescent periodic mesoporous organosilicas. Journal of Materials Chemistry, 2009, 19, 4451.	6.7	85
117	Electron-Rich Sites at the Surface of Periodic Mesoporous Organosilicas: A UVâ^'Visible Characterization of Adsorbed Iodine. Journal of Physical Chemistry C, 2009, 113, 20396-20400.	3.1	16
118	Organic-Inorganic Hybrid Mesoporous Silica. Advances in Materials Research, 2009, , 141-169.	0.2	3
119	Visible-light-harvesting periodic mesoporous organosilica. Chemical Communications, 2009, , 6032.	4.1	83
120	Study on Applications of Related Substance of Fullerenes Preparation and Properties of Related Substance of Fullerenes/SBS composites. Nippon Gomu Kyokaishi, 2009, 82, 400-404.	0.0	1
121	Change in Molecular Orientation with Condensation of 4,4â€²-Bis(trihydroxysilyl)biphenyl Crystals. Bulletin of the Chemical Society of Japan, 2009, 82, 1035-1038.	3.2	4
122	Highly Fluorescent Mesostructured Films that consist of Oligo(phenylenevinylene)â€“Silica Hybrid Frameworks. Advanced Functional Materials, 2008, 18, 3699-3705.	14.9	62
123	Synthesis of single-wall carbon nanotubes grown from size-controlled Rh/Pd nanoparticles by catalyst-supported chemical vapor deposition. Chemical Physics Letters, 2008, 458, 346-350.	2.6	15
124	STRUCTURAL CONTROL OF NANOPARTICLES. , 2008, , 49-112.		1
125	CONTROL OF NANOSTRUCTURE OF MATERIALS. , 2008, , 177-265.		0
126	Chemical modification of crystal-like mesoporous phenylene-silica with amino group. Chemical Communications, 2008, , 841-843.	4.1	77

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127	IR and Computational Characterization of CO Adsorption on a Model Surface, the Phenylene Periodic Mesoporous Organosilca with Crystalline Walls. Journal of Physical Chemistry C, 2008, 112, 19560-19567.	3.1	18
128	Self-Organization of Organosilica Solids with Molecular-Scale and Mesoscale Periodicities. Chemistry of Materials, 2008, 20, 891-908.	6.7	355
129	Direct synthesis of porous organosilicas containing chiral organic groups within their framework and a new analytical method for enantiomeric purity of organosilicas. Chemical Communications, 2008, , 202-204.	4.1	48
130	Comment on â€œSpin-Coated Periodic Mesoporous Organosilica Thin Films with Molecular-Scale Order within the Organosilica Wallâ€• Chemistry of Materials, 2008, 20, 4531-4531.	6.7	1
131	Synthesis of Mesoporous Aromatic Silica Thin Films and Their Optical Properties. Chemistry of Materials, 2008, 20, 4495-4498.	6.7	76
132	I2 as a probe for aromatic rings in phenylene-bridged periodic mesoporous organosilica. Studies in Surface Science and Catalysis, 2008, , 985-988.	1.5	3
133	Synthesis of Organic-inorganic Hybrids from Benzene-bridged Polysiloxane. Kobunshi Ronbunshu, 2008, 65, 416-420.	0.2	1
134	Superfluidity ofHe4in nanosize channels. Physical Review B, 2007, 76, .	3.2	36
135	Superfluidity of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi>He</mml:mi><mml:mprescripts /><mml:none /><mml:mn>4</mml:mn></mml:mmultiscripts></mml:math>in One and Three Dimensions Realized in Nanopores. Physical Review Letters, 2007, 99, 255301.	7.8	53
136	Benzene sensors based on surface photo voltage of mesoporous organo-silica hybrid thin films. Studies in Surface Science and Catalysis, 2007, 165, 893-896.	1.5	2
137	Catalytic Asymmetric Synthesis and Optical Resolution of Planar Chiral Rotaxane. Chemistry Letters, 2007, 36, 162-163.	1.3	58
138	Preparation of Free-standing Films from 3-Mercaptopropylpolysilsesquioxane. Kobunshi Ronbunshu, 2007, 64, 705-707.	0.2	6
139	Structural Characteristic of Outermost Surface of Cubic Mesoporous Silica Film. Chemistry Letters, 2007, 36, 862-863.	1.3	3
140	Hydroxyl Species in Large-Pore Phenylene-Bridged Periodic Mesoporous Organosilica. Langmuir, 2007, 23, 13164-13168.	3.5	17
141	Cubic phenylene bridged mesoporous hybrids from allylorganosilane precursors and their applications in Friedelâ€“Crafts acylation reaction. Microporous and Mesoporous Materials, 2007, 101, 231-239.	4.4	20
142	Functionalized mesoporous dendritic silica hybrids as base catalysts with volatile organic compound elimination ability. Journal of Materials Chemistry, 2006, 16, 4714.	6.7	32
143	Self-assembly of cubic phenylene bridged mesoporous hybrids from allylorganosilane precursors. Journal of Materials Chemistry, 2006, 16, 3305.	6.7	25
144	Nanonecklaces of Platinum and Gold with High Aspect Ratios Synthesized in Mesoporous Organosilica Templates by Wet Hydrogen Reduction. Chemistry of Materials, 2006, 18, 337-343.	6.7	57

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145	Oxidative Photo-Decarboxylation in the Presence of Mesoporous Silicas. Chemical and Pharmaceutical Bulletin, 2006, 54, 1571-1575.	1.3	17
146	Denitration Catalyst Properties of Dense Packed Meso-porous Silica Compact without Inter-particles Macro-pore Prepared by Ultra High Pressure Isostatic Pressing. Journal of the Society of Powder Technology, Japan, 2006, 43, 726-730.	0.1	0
147	Mesoporous phenyleneâ€“silica hybrid materials with 3D-cage pore structures. Microporous and Mesoporous Materials, 2006, 89, 103-108.	4.4	28
148	Preparation of hierarchical porous silica and its optical property. Microporous and Mesoporous Materials, 2006, 96, 205-209.	4.4	19
149	A useful procedure for diiodination of carbazoles and subsequent efficient transformation to novel 3,6-bis(triethoxysilyl)carbazoles giving mesoporous materials. Tetrahedron Letters, 2006, 47, 6957-6960.	1.4	50
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