

Shinji Inagaki

List of Publications by Year in descending order

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246
papers

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citations

16411

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all docs

265
docs citations

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times ranked

10780
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanoporous Substrates with Molecular-Level Perfluoroalkyl/Alkylamide Surface for Laser Desorption/Ionization Mass Spectrometry of Small Proteins. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 3716-3725.	4.0	5
2	Luminescent Nanorattles Based on Bipyridine Periodic Mesoporous Organosilicas for Simultaneous Thermometry and Catalysis. <i>Chemistry of Materials</i> , 2022, 34, 3770-3780.	3.2	6
3	Molecular recognition of catechols on the crystal-like surface of periodic mesoporous organosilica containing pyridinylethynylpyridine. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 3669-3678.	3.0	2
4	Hydrogen Production from Methanol-Water Mixture over Immobilized Iridium Complex Catalysts in Vapor-Phase Flow Reaction. <i>ChemSusChem</i> , 2021, 14, 1074-1081.	3.6	21
5	Immobilized Zn(OAc) ₂ on bipyridine-based periodic mesoporous organosilica for N-formylation of amines with CO ₂ and hydrosilanes. <i>New Journal of Chemistry</i> , 2021, 45, 9501-9505.	1.4	9
6	Bipyridine-silica nanotubes with high bipyridine contents in the framework. <i>Microporous and Mesoporous Materials</i> , 2021, 313, 110854.	2.2	2
7	Hydrogen Production from Methanol-Water Mixture over Immobilized Iridium Complex Catalysts in Vapor-Phase Flow Reaction. <i>ChemSusChem</i> , 2021, 14, 994-994.	3.6	3
8	Re(bpy)(CO) ₃ Cl Immobilized on Bipyridine Organosilica Nanotubes for Photocatalytic CO ₂ Reduction. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 1624-1631.	1.0	7
9	Metal scavenging and catalysis by periodic mesoporous organosilicas with 2,2'-bipyridine metal chelating ligands. <i>Applied Organometallic Chemistry</i> , 2021, 35, e6341.	1.7	3
10	Light-harvesting photocatalysis for H ₂ evolution by methylacridone-bridged periodic mesoporous organosilica. <i>Applied Catalysis B: Environmental</i> , 2021, 287, 119965.	10.8	12
11	Theoretical analysis of means of preventing Si-C bond cleavage during polycondensation of organosilanes to organosilicas. <i>New Journal of Chemistry</i> , 2021, 45, 6120-6128.	1.4	1
12	Heterogeneous water oxidation photocatalysis based on periodic mesoporous organosilica immobilizing a tris(2,2'-bipyridine)ruthenium sensitizer. <i>RSC Advances</i> , 2020, 10, 13960-13967.	1.7	12
13	Lanthanide-Grafted Bipyridine Periodic Mesoporous Organosilicas (BPy-PMOs) for Physiological Range and Wide Temperature Range Luminescence Thermometry. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 13540-13550.	4.0	44
14	Direct nanoimprinting of nanoporous organosilica films consisting of covalently crosslinked photofunctional frameworks. <i>Nanoscale</i> , 2020, 12, 21146-21154.	2.8	10
15	Iridium Complex Immobilized on Custom-Designed Periodic Mesoporous Organosilica as Reusable Catalyst for the Dehydrogenative Oxidation of Alcohols. <i>ACS Applied Nano Materials</i> , 2020, 3, 2527-2535.	2.4	14
16	<i>Ab initio</i> study on the excited states of pyrene and its derivatives using multi-reference perturbation theory methods. <i>RSC Advances</i> , 2020, 10, 12988-12998.	1.7	11
17	Microreactor Coated with Mesoporous Organosilica Thin Film as a Support for Metal Complex Catalysts. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 4083-4087.	1.0	3
18	Catalytic Disproportionation of Formic Acid to Methanol by an Iridium Complex Immobilized on Bipyridine-Periodic Mesoporous Organosilica. <i>ChemCatChem</i> , 2019, 11, 4797-4802.	1.8	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. <i>Scientific Reports</i> , 2019, 9, 15151.	1.6	22
20	Excited-State Dynamics of 2,2'-Bipyridine Moieties Embedded in the Framework of Periodic Mesoporous Organosilica. <i>Journal of Physical Chemistry C</i> , 2019, 123, 28443-28449.	1.5	3
21	Effects of pore surfaces on the electronic states of metal complexes formed on bipyridine periodic mesoporous organosilica. <i>New Journal of Chemistry</i> , 2019, 43, 2471-2478.	1.4	6
22	Cooperative Catalysis of an Alcohol Dehydrogenase and Rhodium-Modified Periodic Mesoporous Organosilica. <i>Angewandte Chemie</i> , 2019, 131, 9248-9252.	1.6	13
23	Cooperative Catalysis of an Alcohol Dehydrogenase and Rhodium-Modified Periodic Mesoporous Organosilica. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 9150-9154.	7.2	51
24	Periodic mesoporous organosilicas possessing molecularly mixed pyridine and benzene moieties in the frameworks. <i>Microporous and Mesoporous Materials</i> , 2019, 284, 10-15.	2.2	12
25	Heterogeneous hydrosilylation reaction catalysed by platinum complexes immobilized on bipyridine-periodic mesoporous organosilicas. <i>Dalton Transactions</i> , 2019, 48, 5534-5540.	1.6	22
26	Well-controlled radical-based epoxidation catalyzed by copper complex immobilized on bipyridine-periodic mesoporous organosilica. <i>Applied Catalysis A: General</i> , 2019, 575, 87-92.	2.2	8
27	Synthesis and Applications of Periodic Mesoporous Organosilicas. , 2019, , 1-25.		6
28	Mesoporous organosilica films for laser desorption/ionization mass spectrometry. <i>Microporous and Mesoporous Materials</i> , 2018, 268, 125-130.	2.2	13
29	Immobilization of a Molybdenum Complex on Bipyridine-Based Periodic Mesoporous Organosilica and Its Catalytic Activity for Epoxidation of Olefins. <i>ACS Catalysis</i> , 2018, 8, 4160-4169.	5.5	73
30	Enhanced Photoluminescence of Mesostructured Organosilica Films with a High Density of Fluorescent Chromophores. <i>Macromolecular Chemistry and Physics</i> , 2018, 219, 1700596.	1.1	6
31	Transfer hydrogenation of nitrogen heterocycles using a recyclable rhodium catalyst immobilized on bipyridine-periodic mesoporous organosilica. <i>Catalysis Science and Technology</i> , 2018, 8, 534-539.	2.1	29
32	Re(bpy)(CO) ₃ Cl Immobilized on Bipyridine-Periodic Mesoporous Organosilica for Photocatalytic CO ₂ Reduction. <i>Chemistry - A European Journal</i> , 2018, 24, 3846-3853.	1.7	46
33	Immobilization of luminescent Platinum(II) complexes on periodic mesoporous organosilica and their water reduction photocatalysis. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018, 358, 334-344.	2.0	19
34	Synthesis and Optical Applications of Periodic Mesoporous Organosilicas. <i>The Enzymes</i> , 2018, 44, 11-34.	0.7	0
35	A Heterogeneous Hydrogen Evolution Catalyst Based on a Mesoporous Organosilica with a Diiron Catalytic Center Modelling [FeFe]-Hydrogenase. <i>ChemCatChem</i> , 2018, 10, 4894-4899.	1.8	10
36	Template-Free Synthesis of Electroconductive Triphenylamine-Silica Nanotubes Exhibiting a Mixed-Valence State. <i>Advanced Functional Materials</i> , 2018, 28, 1803116.	7.8	4

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37	Charge Separation in a Multifunctionalized Framework of Hydrogen-Bonded Periodic Mesoporous Organosilica. <i>Chemistry - an Asian Journal</i> , 2018, 13, 2117-2125.	1.7	5
38	Photocatalytic CO ₂ Reduction by Periodic Mesoporous Organosilica (PMO) Containing Two Different Ruthenium Complexes as Photosensitizing and Catalytic Sites. <i>Chemistry - A European Journal</i> , 2017, 23, 10301-10309.	1.7	38
39	An Effective Synthetic Process for Pt-ZnO Composite and PtZn Alloy Using Spherical Coordination Polymer Particles as Precursors. <i>Chemistry Letters</i> , 2017, 46, 1112-1115.	0.7	2
40	Facile formation of gold nanoparticles on periodic mesoporous bipyridine-silica. <i>Catalysis Today</i> , 2017, 298, 258-262.	2.2	20
41	Transition from a 2D Degenerate Bose Liquid to 3D Superfluid in ⁴ He Films Formed in Nanopores. <i>Journal of the Physical Society of Japan</i> , 2017, 86, 103601.	0.7	0
42	Enhanced durability of an iridium-bipyridine complex embedded into organosilica nanotubes for water oxidation. <i>Dalton Transactions</i> , 2017, 46, 9369-9374.	1.6	16
43	Excited-State Dynamics of Phenylene Moieties in a Framework of the Organosilica Nanotube. <i>Journal of Physical Chemistry C</i> , 2017, 121, 14962-14967.	1.5	0
44	A Versatile Solid Photosensitizer: Periodic Mesoporous Organosilicas with Ruthenium Tris(bipyridine) Complexes Embedded in the Pore Walls. <i>Advanced Functional Materials</i> , 2016, 26, 5068-5077.	7.8	40
45	Heterogeneous Catalysis for Water Oxidation by an Iridium Complex Immobilized on Bipyridine-Periodic Mesoporous Organosilica. <i>Angewandte Chemie</i> , 2016, 128, 8075-8079.	1.6	36
46	Heterogeneous Catalysis for Water Oxidation by an Iridium Complex Immobilized on Bipyridine-Periodic Mesoporous Organosilica. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 7943-7947.	7.2	82
47	Heterogene molekulare Systeme für eine photokatalytische CO ₂ -Reduktion mit Wasseroxidation. <i>Angewandte Chemie</i> , 2016, 128, 15146-15174.	1.6	46
48	Heterogeneous Molecular Systems for Photocatalytic CO ₂ Reduction with Water Oxidation. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 14924-14950.	7.2	360
49	A photoluminescent covalent triazine framework: CO ₂ adsorption, light-driven hydrogen evolution and sensing of nitroaromatics. <i>Journal of Materials Chemistry A</i> , 2016, 4, 13450-13457.	5.2	122
50	Photocatalytic H ₂ Evolution by Pt-Loaded 9,9'-Spirobifluorene-Based Conjugated Microporous Polymers under Visible-Light Irradiation. <i>Bulletin of the Chemical Society of Japan</i> , 2016, 89, 887-891.	2.0	14
51	Synthesis of 9,9'-spirobifluorene-based conjugated microporous polymers by FeCl ₃ -mediated polymerization. <i>Polymer Chemistry</i> , 2016, 7, 1290-1296.	1.9	44
52	Periodic Mesoporous Organosilica with Molecular-Scale Ordering Self-Assembled by Hydrogen Bonds. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 11999-12003.	7.2	34
53	Iridium-bipyridine periodic mesoporous organosilica catalyzed direct C-H borylation using a pinacolborane. <i>Dalton Transactions</i> , 2015, 44, 13007-13016.	1.6	67
54	Ruthenium-Immobilized Periodic Mesoporous Organosilica: Synthesis, Characterization, and Catalytic Application for Selective Oxidation of Alkanes. <i>Chemistry - A European Journal</i> , 2015, 21, 15564-15569.	1.7	44

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55	Properties and Interfacial Structure Analysis of MWCNT/ESBS Composites. <i>Industrial & Engineering Chemistry Research</i> , 2015, 54, 8690-8698.	1.8	3
56	A Visible-Light Harvesting System for CO ₂ Reduction Using a Ru(II)-Re(I) Photocatalyst Adsorbed in Mesoporous Organosilica. <i>ChemSusChem</i> , 2015, 8, 439-442.	3.6	80
57	Mesoporous organosilica nanotubes containing a chelating ligand in their walls. <i>APL Materials</i> , 2014, 2, 113308.	2.2	24
58	A Solid Chelating Ligand: Periodic Mesoporous Organosilica Containing 2,2'-Bipyridine within the Pore Walls. <i>Journal of the American Chemical Society</i> , 2014, 136, 4003-4011.	6.6	166
59	Efficient light harvesting via sequential two-step energy accumulation using a Ru-Re multinuclear complex incorporated into periodic mesoporous organosilica. <i>Chemical Science</i> , 2014, 5, 639-648.	3.7	48
60	Ionic conductivity of mesoporous electrolytes with a high density of pyridinium groups within their framework. <i>Journal of Materials Chemistry A</i> , 2014, 2, 9960.	5.2	13
61	Formation of hexagonal and cubic fluorescent periodic mesoporous organosilicas in the channels of anodic alumina membranes. <i>Journal of Materials Chemistry C</i> , 2014, 2, 50-55.	2.7	15
62	Synthesis of visible-light-absorptive and hole-transporting periodic mesoporous organosilica thin films for organic solar cells. <i>Journal of Materials Chemistry A</i> , 2014, 2, 11857-11865.	5.2	31
63	Cooperative Conformational Change and Excitation Migration of Biphenyl-PMO Amorphous Film, As Revealed by Femtosecond Time-Resolved Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2014, 118, 9419-9428.	1.5	8
64	Hybridization between Periodic Mesoporous Organosilica and a Ru(II) Polypyridyl Complex with Phosphonic Acid Anchor Groups. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 1992-1998.	4.0	21
65	Light-Harvesting Photocatalysis for Water Oxidation Using Mesoporous Organosilica. <i>Chemistry - A European Journal</i> , 2014, 20, 9130-9136.	1.7	13
66	A triazine functionalized porous organic polymer: excellent CO ₂ storage material and support for designing Pd nanocatalyst for C-C cross-coupling reactions. <i>Journal of Materials Chemistry A</i> , 2014, 2, 11642.	5.2	138
67	Enantioseparation using ortho- or meta-substituted phenylcarbamates of amylose as chiral stationary phases for high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 2013, 1286, 41-46.	1.8	26
68	Dynamics of Excitation Energy Transfer from Biphenylene Excimers in Pore Walls of Periodic Mesoporous Organosilica to Coumarin 1 in the Mesochannels. <i>Journal of Physical Chemistry C</i> , 2013, 117, 14865-14871.	1.5	9
69	Exciton migration dynamics between phenylene moieties in the framework of periodic mesoporous organosilica powder. <i>RSC Advances</i> , 2013, 3, 14774.	1.7	3
70	Enhancement of Proton Transport by High Densification of Sulfonic Acid Groups in Highly Ordered Mesoporous Silica. <i>Chemistry of Materials</i> , 2013, 25, 1584-1591.	3.2	49
71	A new synthetic approach for functional triisopropoxyorganosilanes using molecular building blocks. <i>Tetrahedron</i> , 2013, 69, 5312-5318.	1.0	10
72	Phases of superfluid helium in smooth cylindrical pores. <i>Physical Review B</i> , 2013, 88, .	1.1	16

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73	Dynamics of the Fast Component of Nano-Confined Water Under Electric Field. <i>Journal of the Physical Society of Japan</i> , 2013, 82, SA007.	0.7	1
74	Poly[[dodecaqua(1/4 4-benzene-1,4-dicarboxylato)(1/4 2-4,4'-bipyridine-2N:N')dicerium(III)] bis(benzene-1,4-dicarboxylate)]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 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. <i>Pure and Applied Chemistry</i> , 2012, 85, 289-305.	0.9	26
76	A Novel Sol-Gel Approach to Highly Condensed Silicas at Low Temperature. <i>Chemistry Letters</i> , 2012, 41, 280-281.	0.7	1
77	Facile Synthesis of Functional Alkoxysilane Precursor with Short Linkers toward Organosilica Hybrids with a High Density of Chromophores. <i>Chemistry Letters</i> , 2012, 41, 316-318.	0.7	2
78	Synthesis, Crystal Structures, and Properties of a Series of Coordination Polymers Employing R4-Terephthalate (R = H, F, Cl, Br) and 4,4'-Bipyridine as Bridging Ligands. <i>Bulletin of the Chemical Society of Japan</i> , 2012, 85, 1102-1111.	2.0	4
79	Structure and Dynamics of Water Confined in Mesoporous Silica and Periodic Mesoporous Organosilica. <i>Bunseki Kagaku</i> , 2012, 61, 989-998.	0.1	1
80	Enhanced translational diffusion of confined water under electric field. <i>Physical Review E</i> , 2012, 86, 021506.	0.8	23
81	Facile preparation of oriented nanoporous silica films from solvent-free liquid-crystalline mixtures. <i>Chemical Communications</i> , 2012, 48, 10772.	2.2	7
82	Energy and Electron Transfer from Fluorescent Mesostructured Organosilica Framework to Guest Dyes. <i>Langmuir</i> , 2012, 28, 3987-3994.	1.6	30
83	Ab Initio Molecular Orbital Study on the Excited States of [2.2]-, [3.3]-, and Siloxane-Bridged Paracyclophanes. <i>Journal of Physical Chemistry A</i> , 2012, 116, 10194-10202.	1.1	15
84	Isothermally Reversible Fluorescence Switching of a Mechanochromic Perylene Bisimide Dye. <i>Advanced Materials</i> , 2012, 24, 3350-3355.	11.1	147
85	Enhanced Fluorescence Detection of Metal Ions Using Light-Harvesting Mesoporous Organosilica. <i>Chemistry - A European Journal</i> , 2012, 18, 1992-1998.	1.7	50
86	Mesoporous Organosilica Hybrids Consisting of Silica-Wrapped π - π Stacking Columns. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 1156-1160.	7.2	35
87	Synthesis of a spirobifluorene-bridged allylsilane precursor for periodic mesoporous organosilica. <i>Chemical Communications</i> , 2011, 47, 5025.	2.2	14
88	Fluorescence studies on phenylene moieties embedded in a framework of periodic mesoporous organosilica. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 7961.	1.3	17
89	Hierarchically structured biphenylene-bridged periodic mesoporous organosilica. <i>Journal of Materials Chemistry</i> , 2011, 21, 17338.	6.7	22
90	Enhanced sol-gel polymerization of organoallylsilanes by solvent effect. <i>Journal of Materials Chemistry</i> , 2011, 21, 14020.	6.7	9

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91	Preparation and Properties of Multiwall Carbon Nanotubes/Polystyrene-Block-Polybutadiene-Block-Polystyrene Composites. <i>Industrial & Engineering Chemistry Research</i> , 2011, 50, 8016-8022.	1.8	22
92	Basic Sites on Periodic Mesoporous Organosilicas Investigated by XPS and <i>in Situ</i> FTIR of Adsorbed Pyrrole. <i>Langmuir</i> , 2011, 27, 1181-1185.	1.6	9
93	Ab Initio Studies of Aromatic Excimers Using Multiconfiguration Quasi-Degenerate Perturbation Theory. <i>Journal of Physical Chemistry A</i> , 2011, 115, 7687-7699.	1.1	73
94	Novel synthesis of bifunctional catalysts with different microenvironments. <i>Chemical Communications</i> , 2011, 47, 10422.	2.2	36
95	Synthesis of single crystalline anthracene-silica hybrid and its structural and optical properties. <i>Solid State Sciences</i> , 2011, 13, 729-735.	1.5	9
96	Syntheses, properties and applications of periodic mesoporous organosilicas prepared from bridged organosilane precursors. <i>Chemical Society Reviews</i> , 2011, 40, 789-800.	18.7	497
97	Highly Conductive Organosilica Hybrid Films Prepared from a Liquid-Crystal Perylene Bisimide Precursor. <i>Advanced Functional Materials</i> , 2011, 21, 3291-3296.	7.8	50
98	Periodic Mesoporous Organosilica Derivatives Bearing a High Density of Metal Complexes on Pore Surfaces. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 11667-11671.	7.2	79
99	Synthesis of highly ordered mesoporous silica thin films for nano-fabrication of platinum nanodot arrays. <i>Journal of Porous Materials</i> , 2010, 17, 529-534.	1.3	4
100	Transparent and visible-light harvesting acridone-bridged mesostructured organosilica film. <i>Journal of Materials Chemistry</i> , 2010, 20, 4399.	6.7	51
101	Crystal-like periodic mesoporous organosilica bearing pyridine units within the framework. <i>Chemical Communications</i> , 2010, 46, 8163.	2.2	55
102	Enhanced Photocatalysis of Rhenium(I) Complex by Light-Harvesting Periodic Mesoporous Organosilica. <i>Inorganic Chemistry</i> , 2010, 49, 4554-4559.	1.9	130
103	Tetraphenylpyrene-Bridged Periodic Mesostructured Organosilica Films with Efficient Visible-Light Emission. <i>Chemistry of Materials</i> , 2010, 22, 2548-2554.	3.2	74
104	Theoretical Studies on Si-C Bond Cleavage in Organosilane Precursors during Polycondensation to Organosilica Hybrids. <i>Journal of Physical Chemistry A</i> , 2010, 114, 6047-6054.	1.1	23
105	Mesostructured organosilica with a 9-mesityl-10-methylacridinium bridging unit: photoinduced charge separation in the organosilica framework. <i>Chemical Communications</i> , 2010, 46, 9235.	2.2	29
106	Dynamics in the excited electronic state of periodic mesoporous biphenylene-silica studied by time-resolved diffuse reflectance and fluorescence spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 11688.	1.3	25
107	Efficient Visible-Light Emission from Dye-Doped Mesostructured Organosilica. <i>Advanced Materials</i> , 2009, 21, 4798-4801.	11.1	67
108	Fluorescence Emission from 2,6-Naphthylene-Bridged Mesoporous Organosilicas with an Amorphous or Crystal-Like Framework. <i>Chemistry - A European Journal</i> , 2009, 15, 219-226.	1.7	80

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109	A Periodic Mesoporous Organosilica-Based Donor-Acceptor System for Photocatalytic Hydrogen Evolution. <i>Chemistry - A European Journal</i> , 2009, 15, 13041-13046.	1.7	53
110	Light Harvesting by a Periodic Mesoporous Organosilica Chromophore. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 4042-4046.	7.2	216
111	Enhanced benzene selectivity of mesoporous silica SPV sensors by incorporating phenylene groups in the silica framework. <i>Sensors and Actuators B: Chemical</i> , 2009, 138, 417-421.	4.0	30
112	Synthesis and optical properties of 2,6-anthracene-bridged periodic mesostructured organosilicas. <i>Microporous and Mesoporous Materials</i> , 2009, 117, 535-540.	2.2	26
113	Fabrication of single-wall carbon nanotubes within the channels of a mesoporous material by catalyst-supported chemical vapor deposition. <i>Carbon</i> , 2009, 47, 722-730.	5.4	21
114	Hole-Transporting Periodic Mesostructured Organosilica. <i>Journal of the American Chemical Society</i> , 2009, 131, 14225-14227.	6.6	87
115	Microscopic Structure and Mobility of Guest Molecules in Mesoporous Hybrid Organosilica: Evaluation with Single-Molecule Tracking. <i>Journal of Physical Chemistry C</i> , 2009, 113, 11884-11891.	1.5	29
116	Luminescent periodic mesoporous organosilicas. <i>Journal of Materials Chemistry</i> , 2009, 19, 4451.	6.7	85
117	Electron-Rich Sites at the Surface of Periodic Mesoporous Organosilicas: A UV-Visible Characterization of Adsorbed Iodine. <i>Journal of Physical Chemistry C</i> , 2009, 113, 20396-20400.	1.5	16
118	Organic-Inorganic Hybrid Mesoporous Silica. <i>Advances in Materials Research</i> , 2009, , 141-169.	0.2	3
119	Visible-light-harvesting periodic mesoporous organosilica. <i>Chemical Communications</i> , 2009, , 6032.	2.2	83
120	Study on Applications of Related Substance of Fullerenes Preparation and Properties of Related Substance of Fullerenes/SBS composites. <i>Nippon Gomu Kyokaishi</i> , 2009, 82, 400-404.	0.0	1
121	Change in Molecular Orientation with Condensation of 4,4-Bis(trihydroxysilyl)biphenyl Crystals. <i>Bulletin of the Chemical Society of Japan</i> , 2009, 82, 1035-1038.	2.0	4
122	Highly Fluorescent Mesostructured Films that consist of Oligo(phenylenevinylene)-Silica Hybrid Frameworks. <i>Advanced Functional Materials</i> , 2008, 18, 3699-3705.	7.8	62
123	Synthesis of single-wall carbon nanotubes grown from size-controlled Rh/Pd nanoparticles by catalyst-supported chemical vapor deposition. <i>Chemical Physics Letters</i> , 2008, 458, 346-350.	1.2	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. <i>Chemical Communications</i> , 2008, , 841-843.	2.2	77

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127	IR and Computational Characterization of CO Adsorption on a Model Surface, the Phenylene Periodic Mesoporous Organosilica with Crystalline Walls. <i>Journal of Physical Chemistry C</i> , 2008, 112, 19560-19567.	1.5	18
128	Self-Organization of Organosilica Solids with Molecular-Scale and Mesoscale Periodicities. <i>Chemistry of Materials</i> , 2008, 20, 891-908.	3.2	355
129	Direct synthesis of porous organosilicas containing chiral organic groups within their framework and a new analytical method for enantiomeric purity of organosilicas. <i>Chemical Communications</i> , 2008, , 202-204.	2.2	48
130	Comment on "Spin-Coated Periodic Mesoporous Organosilica Thin Films with Molecular-Scale Order within the Organosilica Wall". <i>Chemistry of Materials</i> , 2008, 20, 4531-4531.	3.2	1
131	Synthesis of Mesoporous Aromatic Silica Thin Films and Their Optical Properties. <i>Chemistry of Materials</i> , 2008, 20, 4495-4498.	3.2	76
132	I ₂ as a probe for aromatic rings in phenylene-bridged periodic mesoporous organosilica. <i>Studies in Surface Science and Catalysis</i> , 2008, , 985-988.	1.5	3
133	Synthesis of Organic-inorganic Hybrids from Benzene-bridged Polysiloxane. <i>Kobunshi Ronbunshu</i> , 2008, 65, 416-420.	0.2	1
134	Superfluidity of He ₄ in nanosize channels. <i>Physical Review B</i> , 2007, 76, .	1.1	36
135	Superfluidity of ^4He in One and Three Dimensions Realized in Nanopores. <i>Physical Review Letters</i> , 2007, 99, 255301.	2.9	53
136	Benzene sensors based on surface photo voltage of mesoporous organo-silica hybrid thin films. <i>Studies in Surface Science and Catalysis</i> , 2007, 165, 893-896.	1.5	2
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