Kazuyuki Kuroda

List of Publications by Year
in descending order

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239	10,874	31949	36008
papers	citations	53 h-index	97 g-index

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

#	Article	IF	Citations
1	The Preparation of Alkyltrimethylammoniumâ€“Kanemite Complexes and Their Conversion to Microporous Materials. Bulletin of the Chemical Society of Japan, 1990, 63, 988-992.	2.0	1,721
2	Photofunctions of Intercalation Compounds. Chemical Reviews, 1995, 95, 399-438.	23.0	999
3	Preparation of Inorganicâ€“Organic Nanocomposites through Intercalation of Organoammonium Ions into Layered Silicates. Bulletin of the Chemical Society of Japan, 1997, 70, 2593-2618.	2.0	422
4	Rational Design of Mesoporous Metals and Related Nanomaterials by a Softâ€Template Approach. Chemistry - an Asian Journal, 2008, 3, 664-676.	1.7	252
5	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
6	Colloidal Mesoporous Silica Nanoparticles. Bulletin of the Chemical Society of Japan, 2016, 89, 501-539.	2.0	183
7	Aqueous Colloidal Mesoporous Nanoparticles with Ethenylene-Bridged Silsesquioxane Frameworks. Journal of the American Chemical Society, 2011, 133, 8102-8105.	6.6	170
8	Designed synthesis of nanostructured siloxaneâ€“organic hybrids from amphiphilic silicon-based precursors. Chemical Record, 2006, 6, 53-63.	2.9	165
9	Materials design of layered silicates through covalent modification of interlayer surfaces. Journal of Materials Chemistry, 2011, 21, 14336.	6.7	159
10	Control of Interlayer Microstructures of a Layered Silicate by Surface Modification with Organochlorosilanes. Journal of the American Chemical Society, 1998, 120, 7361-7362.	6.6	155
11	One-Step Exfoliation of Kaolinites and Their Transformation into Nanoscrolls. Langmuir, 2011, 27, 2028-2035.	1.6	151
12	Silica films with a single-crystalline mesoporous structure. Nature Materials, 2004, 3, 651-656.	13.3	145
13	Interlamellar Grafting of Î³-Methacryloxypropylsilyl Groups on Magadiite and Copolymerization with Methyl Methacrylate. Chemistry of Materials, 2000, 12, 1702-1707.	3.2	135
14	Formation of a Continuous Mesoporous Silica Film with Fully Aligned Mesochannels on a Glass Substrate. Chemistry of Materials, 2000, 12, 49-54.	3.2	130
15	Direct Formation of Mesostructured Silica-Based Hybrids from Novel Siloxane Oligomers with Long Alkyl Chains. Angewandte Chemie - International Edition, 2003, 42, 4057-4060.	7.2	122
16	Self-Assembly of Designed Oligomeric Siloxanes with Alkyl Chains into Silica-Based Hybrid Mesostructures. Journal of the American Chemical Society, 2005, 127, 14108-14116.	6.6	116
17	Dialysis process for the removal of surfactants to form colloidal mesoporous silica nanoparticles. Chemical Communications, 2009, , 5094.	2.2	113
18	Modification of the Interlayer Surface of Kaolinite with Methoxy Groups. Langmuir, 2000, 16, 5506-5508.	1.6	104

#	Article	IF	Citations
19	Preparation of Mesoporous Silica Films with Fully Aligned Large Mesochannels Using Nonionic Surfactants. Chemistry of Materials, 2002, 14, 766-772.	3.2	104
20	Orientation of mesochannels in continuous mesoporous silica films by a high magnetic field. Journal of Materials Chemistry, 2005, 15, 1137.	6.7	99
21	Photoinduced Bending of Self-Assembled Azobenzeneâ€“Siloxane Hybrid. Journal of the American Chemical Society, 2015, 137, 15434-15440.	6.6	99
22	Exfoliation and film preparation of a layered titanate, Na2Ti3O7, and intercalation of pseudoisocyanine dyeElectronic supplementary information (ESI) available: XRD patterns of (a) the starting material Na2Ti3O7, (b) H/Ti3O7, (c) MA/Ti3O7 and (d) PA/Ti3O7. See http://www.rsc.org/suppdata/jm/b3/b308800f/. Journal of Materials Chemistry, 2004, 14, 165.	6.7	96
23	Synthesis of Layered Inorganicâ^'Organic Nanocomposite Films from Mono-, Di-, and Trimethoxy(alkyl)silaneâ^'Tetramethoxysilane Systems. Chemistry of Materials, 2001, 13, 3610-3616.	3.2	95
24	29Si-NMR study of hydrolysis and initial polycondensation processes of organoalkoxysilanes. II. Methyltriethoxysilane. Journal of Non-Crystalline Solids, 1994, 167, 21-28.	1.5	94
25	Synthesis of Silylated Derivatives of a Layered Polysilicate Kanemite with Mono-, Di-, and Trichloro(alkyl)silanes. Chemistry of Materials, 2001, 13, 3603-3609.	3.2	90
26	Utilization of Alkoxysilyl Groups for the Creation of Structurally Controlled Siloxane-Based Nanomaterials. Chemistry of Materials, 2014, 26, 211-220.	3.2	90
27	Organic derivatives of layered polysilicates. Reactivity of Solids, 1988, 5, 167-175.	0.3	87
28	A kaolinite-NMF-methanol intercalation compound as a versatile intermediate for further intercalation reaction of kaolinite. Journal of Materials Research, 1998, 13, 930-934.	1.2	86
29	Synthesis of Interlamellar Silylated Derivatives of Magadiite and the Adsorption Behavior for Aliphatic Alcohols. Chemistry of Materials, 2003, 15, 3134-3141.	3.2	86
30	Organic Modification of FSM-Type Mesoporous Silicas Derived from Kanemite by Silylation. Langmuir, 1999, 15, 2794-2798.	1.6	84
31	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
32	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
33	Molecular Manipulation of Two- and Three-Dimensional Silica Nanostructures by Alkoxysilylation of a Layered Silicate Octosilicate and Subsequent Hydrolysis of Alkoxy Groups. Journal of the American Chemical Society, 2005, 127, 7183-7191.	6.6	74
34	Highly ordered mesostructured Ni particles prepared from lyotropic liquid crystals by electroless deposition: the effect of reducing agents on the ordering of mesostructure. Journal of Materials Chemistry, 2005, 15, 1987.	6.7	73
35	Preparation and Electrical Properties of Quaternary Ammonium Montmorillonite-Polystyrene Complexes. Clays and Clay Minerals, 1981, 29, 294-298.	0.6	69
36	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

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37	Solid-State Intercalation of Naphthalene and Anthracene into Alkylammonium-Montmorillonites. Clays and Clay Minerals, 1992, 40, 485-490.	0.6	68
38	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
39	Esterification of the Silanol Groups in the Mesoporous Silica Derived from Kanemite. Journal of Porous Materials, 1998, 5, 127-132.	1.3	66
40	Selfâ€Assembly of Alkylâ€Substituted Cubic Siloxane Cages into Ordered Hybrid Materials. Chemistry - A European Journal, 2008, 14, 8500-8506.	1.7	66
41	Fabrication of magnetic mesostructured nickelâ€“cobalt alloys from lyotropic liquid crystalline media by electroless deposition. Journal of Materials Chemistry, 2004, 14, 2935-2940.	6.7	65
42	Adsorption of Alcohols from Aqueous Solutions into a Layered Silicate Modified with Octyltrichlorosilane. Chemistry of Materials, 2005, 17, 3717-3722.	3.2	64
43	Ordered Mesoporous Silica Derived from Layered Silicates. Advanced Functional Materials, 2009, 19, 511-527.	7.8	63
44	Formation of Methoxy-Modified Interlayer Surface via the Reaction between Methanol and Layered Perovskite HLaNb2O7.cntdot.xH2O. Inorganic Chemistry, 1995, 34, 5065-5069.	1.9	61
45	Magnetically induced orientation of mesochannels in 2D-hexagonal mesoporous silica films. Journal of Materials Chemistry, 2006, 16, 3693.	6.7	61
46	Synthesis of a kaoliniteâ€“poly(Î²-alanine) intercalation compound. Journal of Materials Chemistry, 2001, 11, 3291-3295.	6.7	60
47	Interlamellar Esterification of H-Magadiite with Aliphatic Alcohols. Chemistry of Materials, 2001, 13, 3747-3753.	3.2	60
48	Formation of a New Crystalline Silicate Structure by Grafting Dialkoxysilyl Groups on Layered Octosilicate. Journal of the American Chemical Society, 2002, 124, 12082-12083.	6.6	60
49	Organic modification of the interlayer surface of kaolinite with propanediols by transesterificationElectronic supplementary information (ESI) available: Fig. S1: XRD patterns of (A) methoxy-modified kaolinite, (B) Kaoâ€“1,3PDint, (C) Kaoâ€“1,3PDint washed by ethanol, (D) Kaoâ€“1,3PDgraft and (E) Kaoâ€“1,3PDgraft washed by ethanol. See http://www.rsc.org/suppdata/jm/b2/b211844k/. Journal of Materials Chemistry, 2002, 12, 1061-1063.	6.7	60
50	New Conversion Reaction of an Aurivillius Phase into the Protonated Form of the Layered Perovskite by the Selective Leaching of the Bismuth Oxide Sheet. Journal of the American Chemical Society, 1999, 121, 11601-11602.	6.6	59
51	Preparation of Size-Controlled Monodisperse Colloidal Mesoporous Silica Nanoparticles and Fabrication of Colloidal Crystals. Chemistry of Materials, 2014, 26, 2927-2933.	3.2	58
52	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
53	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
54	Orientational Control of Hexagonally Packed Silica Mesochannels in Lithographically Designed Confined Nanospaces. Angewandte Chemie - International Edition, 2007, 46, 5364-5368.	7.2	52

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55	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
56	Synthesis of ?-Sialon from a Montmorillonite-Polyacrylonitrile Intercalation Compound by Carbothermal Reduction. Journal of the American Ceramic Society, 1984, 67, c247-c248.	1.9	49
57	Exfoliation of Layered Silicates through Immobilization of Imidazolium Groups. Chemistry of Materials, 2011, 23, 266-273.	3.2	49
58	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
59	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
60	Anion Exchangeable Layered Silicates Modified with Ionic Liquids on the Interlayer Surface. Chemistry of Materials, 2010, 22, 3340-3348.	3.2	45
61	Incorporation of Tris(2,2â€˜-bipyridine)ruthenium(II) in a Synthetic Swelling Mica with Poly(vinylpyrrolidone). Langmuir, 2000, 16, 4202-4206.	1.6	43
62	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
63	Silica-based mesoporous molecular sieves derived from a layered polysilicate kanemite?A review. Journal of Porous Materials, 1996, 3, 107-114.	1.3	41
64	Preparation of Montmorillonite-p-Aminoazobenzene Intercalation Compounds and Their Photochemical Behavior. Materials Research Society Symposia Proceedings, 1991, 233, 89.	0.1	40
65	Thermotropic Behavior of the Silicaâ^'Alkyltrimethylammonium Chloride Mesostructured Materials. Chemistry of Materials, 1998, 10, 1382-1385.	3.2	39
66	Aluminium-containing mesoporous silica films as nano-vessels for organic photochemical reactions. Chemical Communications, 2000, , 2441-2442.	2.2	39
67	Design of silicate nanostructures by interlayer alkoxysilylation of layered silicates (magadiite and) Tj ETQq1 1 0.784314 rgBT /Overloc	1.4	38
68	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
69	A hybrid mesoporous material with uniform distribution of carboxy groups assembled from a cubic siloxane-based precursor. Chemical Communications, 2008, , 6152.	2.2	36
70	Regular assembly of cage siloxanes by hydrogen bonding of dimethylsilanol groups. Chemical Communications, 2015, 51, 11034-11037.	2.2	35
71	PREPARATION AND CHARACTERIZATION OF Eu-MAGADIITE INTERCALATION COMPOUNDS. Clays and Clay Minerals, 2002, 50, 799-806.	0.6	34
72	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

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73	Structure and properties of multilayered siloxaneâ€“organic hybrid films prepared using long-chain organotrialkoxysilanes containing Cï€€ double bonds. Journal of Materials Chemistry, 2007, 17, 658-663.	6.7	34
74	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
75	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
76	Intercalation of 8-hydroxyquinoline into a1-smectites by solid-solid reactions. Clays and Clay Minerals, 2002, 50, 428-434.	0.6	33
77	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
78	Kaolinite-Pyridine Intercalation Compound derived from Hydrated Kaolinite. Clays and Clay Minerals, 1989, 37, 143-150.	0.6	32
79	Immobilization of chlorophyll derivatives into mesoporous silica and energy transfer between the chromophores in mesopores. Chemical Communications, 2001, , 2002-2003.	2.2	32
80	Clay-Organic Nano-Composite. Journal of the Ceramic Society of Japan, 1992, 100, 413-416.	1.3	30
81	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
82	Synthesis of Thermally Stable and 2-D Hexagonal Super-Microporous Silica from Hydrated Î±-Sodium Disilicate. Chemistry of Materials, 2005, 17, 6416-6421.	3.2	29
83	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
84	Direct Observation of Mesoporous Silica by High Resolution Scanning Electron Microscopy. Advanced Materials, 1999, 11, 857-860.	11.1	28
85	Energy Transfer between Chlorophyll Derivatives in Silica Mesostructured Films and Photocurrent Generation. Langmuir, 2005, 21, 3992-3997.	1.6	27
86	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
87	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
88	The carbothermal reduction process of a montmorillonite-polyacrylonitrile intercalation compound. Journal of Materials Science, 1988, 23, 3572-3577.	1.7	25
89	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
90	Exfoliation of Layered Octosilicate by Simple Cation Exchange with Didecyldimethylammonium Ions. Chemistry Letters, 2013, 42, 80-82.	0.7	25

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91	Intercalation of cationic phthalocyanines into layered titanates and control of the microstructuresElectronic supplementary information (ESI) available: CHN analytical data and amounts of PA and Pc intercalated in Ti3O7 (Table S1), and XRD patterns of products derived from H2Ti3O7 (Fig. S1). See http://www.rsc.org/suppdata/jm/b2/b210237b/. Journal of Materials Chemistry, 2002, 12, 3463-3468.	6.7	24
92	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
93	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
94	Precise size control of layered double hydroxide nanoparticles through reconstruction using tripodal ligands. Dalton Transactions, 2018, 47, 12884-12892.	1.6	24
95	Solid-state ion exchange reactions between homoionic-montmorillonites and organoammonium salts. Journal of Porous Materials, 1995, 1, 85-89.	1.3	23
96	Development of microfabrication process of mesoporous Pt via â€œSolvent-Evaporation-Mediated Direct Physical Castingâ€• Selective deposition into sloped microchannels. Science and Technology of Advanced Materials, 2006, 7, 438-445.	2.8	23
97	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
98	Pyrolysis of Poly(isopropyliminoalane) to Aluminum Nitride. Journal of the American Ceramic Society, 2000, 83, 2436-2440.	1.9	21
99	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
100	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
101	Inorganicâ€“Organic Hybrid Photomechanical Crystals Consisting of Diarylethenes and Cage Siloxanes. Chemistry of Materials, 2019, 31, 9372-9378.	3.2	21
102	Conversion of a Precursor Derived from Cageâ€Type and Cyclic Molecular Building Blocks into Alâ€Siâ€Nâ€C Ceramic Composites. Journal of the American Ceramic Society, 2002, 85, 59-64.	1.9	20
103	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
104	Polymorph Control of Calcium Carbonate on the Surface of Mesoporous Silica. Crystal Growth and Design, 2012, 12, 887-893.	1.4	20
105	Synthesis of Al-containing mesoporous silica (KSW-2) with semi-squared channels by incorporation of Al into the framework of kanemiteElectronic supplementary information (ESI) available: powder XRD patterns and 29Si MAS NMR spectra of kanemite and Al-kanemite, N2 adsorption isotherm of Al-KSW-2, TEM images of Al-KSW-2. See http://www.rsc.org/suppdata/jm/b2/b211073c/. Journal of Materials Chemistry, 2003, 13, 883-887.	6.7	19
106	Surfactant-free synthesis of lamellar and wormhole-like silica mesostructures by using 1-alkynyltrimethoxysilanes. Journal of Materials Chemistry, 2006, 16, 986.	6.7	18
107	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
108	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

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109	Alkoxy- and Silanol-Functionalized Cage-Type Oligosiloxanes as Molecular Building Blocks to Construct Nanoporous Materials. Molecules, 2020, 25, 524.	1.7	18
110	Preparation of Aluminum Nitride from Poly (isopropyliminoalane). Journal of the Ceramic Society of Japan, 1992, 100, 101-103.	1.3	17
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	Characterization of Aluminum Nitride from a Precursor Poly (isopropyliminoalane). Journal of the Ceramic Society of Japan, 1996, 104, 143-145.	1.3	16
113	Exploration of a Standing Mesochannel System with Antimatter/Matter Atomic Probes. Advanced Materials, 2008, 20, 4728-4733.	11.1	16
114	Oligomeric Alkoxysilanes with Cagelike Hybrids as Cores: Designed Precursors of Nanohybrid Materials. Chemistry - an Asian Journal, 2008, 3, 600-606.	1.7	16
115	Facile patterning of assembled silica nanoparticles with a closely packed arrangement through guided growth. Journal of Materials Chemistry, 2009, 19, 1964.	6.7	16
116	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
117	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
118	Characterization of Silanol Groups in Protonated Magadiite by 1H and 2H Solid-State Nuclear Magnetic Resonance. Clays and Clay Minerals, 2000, 48, 632-637.	0.6	15
119	Direct alkoxysilylation of alkoxysilanes for the synthesis of explicit alkoxysiloxane oligomers. Journal of Organometallic Chemistry, 2012, 716, 26-31.	0.8	15
120	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
121	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
122	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
123	Immobilization of Photosynthetic Pigments into Silica-Surfactant Nanocomposite Films. Journal of Sol-Gel Science and Technology, 2000, 19, 543-547.	1.1	14
124	Selective formation of siloxane-based hybrid cages with methylene groups in the frameworks. Chemical Communications, 2004, , 2672.	2.2	14
125	Layered assembly of alkoxy-substituted bis(trichlorosilanes) containing various organic bridges via hydrolysis of Siâ€“Cl groups. Journal of Materials Chemistry, 2005, 15, 5151.	6.7	14
126	Phenylene-bridged mesoporous organosilica films with uniaxially aligned mesochannels. Journal of Materials Chemistry, 2008, 18, 1239.	6.7	14

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127	Lattice Matching in the Epitaxial Formation of Mesostructured Silica Films. Langmuir, 2013, 29, 761-765.	1.6	14
128	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
129	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
130	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
131	Spontaneous Crack Healing in Nanostructured Silica-Based Thin Films. ACS Nano, 2017, 11, 10289-10294.	7.3	14
132	Mesoporous Silica Nanoparticles with Dispersibility in Organic Solvents and Their Versatile Surface Modification. Langmuir, 2020, 36, 5571-5578.	1.6	14
133	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
134	Synthesis of a multifunctional alkoxysiloxane oligomer. New Journal of Chemistry, 2014, 38, 5362-5368.	1.4	13
135	Role of Cubic Siloxane Cages in Mesostructure Formation and Photoisomerization of Azobenzeneâ€“Siloxane Hybrid. Chemistry Letters, 2017, 46, 1237-1239.	0.7	13
136	Preparation of periodic mesoporous organosilica with large mesopores using silica colloidal crystals as templates. Nanoscale, 2020, 12, 21155-21164.	2.8	13
137	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
138	Synthesis of the Trimethylsilylation Derivative of Halloysite. Clays and Clay Minerals, 1979, 27, 53-56.	0.6	12
139	Solid State Intercalation of 4,4â€²-Bipyridine into the Interlayer Space of Montmorillonites. Molecular Crystals and Liquid Crystals, 2000, 341, 351-356.	0.3	12
140	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
141	Preparation of highly controlled nanostructured Au within mesopores using reductive deposition in non-polar environments. RSC Advances, 2014, 4, 27201-27206.	1.7	12
142	Polymerization of Hydrolysis Products of Methyltriethoxysilane in Aqueous Solutions. Journal of the Ceramic Society of Japan, 1990, 98, 647-652.	1.3	11
143	Preparation and pyrolysis of a blended precursor possessing Ti?N and Al?N bonds. Applied Organometallic Chemistry, 2001, 15, 710-716.	1.7	11
144	Intercalation of Poly(oxyethylene) Alkyl Ether into a Layered Silicate Kanemite. Langmuir, 2007, 23, 10765-10771.	1.6	11

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