Makoto Ogawa

List of Publications by Year
in descending order

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319 papers	11,991 citations	31976 53 h-index	43889 91 g-index
332 all docs	332 docs citations	332 times ranked	7039 citing authors

#	Article	IF	Citations
1	Photofunctions of Intercalation Compounds. Chemical Reviews, 1995, 95, 399-438.	47.7	999
2	Preparation of Inorganicâ€“Organic Nanocomposites through Intercalation of Organoammonium Ions into Layered Silicates. Bulletin of the Chemical Society of Japan, 1997, 70, 2593-2618.	3.2	422
3	Formation of Novel Oriented Transparent Films of Layered Silica-Surfactant Nanocomposites. Journal of the American Chemical Society, 1994, 116, 7941-7942.	13.7	414
4	Homogeneous Precipitation of Uniform Hydrotalcite Particles. Langmuir, 2002, 18, 4240-4242.	3.5	302
5	A simple solâ€“gel route for the preparation of silicaâ€“surfactant mesostructured materials. Chemical Communications, 1996, , 1149-1150.	4.1	269
6	Efficient Visible-Light-Induced Photocatalytic Activity on Gold-Nanoparticle-Supported Layered Titanate. Journal of the American Chemical Society, 2010, 132, 16762-16764.	13.7	229
7	Hybrid and biohybrid silicate based materials: molecular vs. block-assembling bottomâ€“up processes. Chemical Society Reviews, 2011, 40, 801-828.	38.1	199
8	Chapter 7.3 Clay Mineral Organic Interactions. Developments in Clay Science, 2006, 1, 309-377.	0.5	159
9	Control of Interlayer Microstructures of a Layered Silicate by Surface Modification with Organochlorosilanes. Journal of the American Chemical Society, 1998, 120, 7361-7362.	13.7	155
10	Organicâ€“Inorganic Hybrids Based on Ultrathin Oxide Layers: Designed Nanostructures for Molecular Recognition. Chemistry - an Asian Journal, 2012, 7, 1980-1992.	3.3	138
11	Controlled microstructures of amphiphilic cationic azobenzene-montmorillonite intercalation compounds. Journal of Materials Chemistry, 1998, 8, 463-467.	6.7	136
12	Interlamellar Grafting of Î³-Methacryloxypropylsilyl Groups on Magadiite and Copolymerization with Methyl Methacrylate. Chemistry of Materials, 2000, 12, 1702-1707.	6.7	135
13	Hydrothermal Synthesis of Layered Double Hydroxideâ^'Deoxycholate Intercalation Compounds. Chemistry of Materials, 2000, 12, 3253-3255.	6.7	134
14	Characterization of self-standing Ti-containing porous silica thin films and their reactivity for the photocatalytic reduction of CO2 with H2O. Catalysis Today, 2002, 74, 241-248.	4.4	123
15	Synthesis of transparent Ti-containing mesoporous silica thin film materials and their unique photocatalytic activity for the reduction of CO2 with H2O. Applied Catalysis A: General, 2003, 254, 251-259.	4.3	107
16	Adsorption and Aggregation of a Cationic Cyanine Dye on Smectites. The Journal of Physical Chemistry, 1996, 100, 16218-16221.	2.9	105
17	Adsorption and aggregation of a cationic cyanine dye on layered clay minerals. Applied Clay Science, 2000, 16, 161-170.	5.2	103
18	Preparation of transparent thin films of lamellar, hexagonal and cubic silica-surfactant mesostructured materials by rapid solvent evaporation methods. Microporous and Mesoporous Materials, 2000, 38, 35-41.	4.4	102

#	Article	IF	Citations
19	Molecular Recognitive Photocatalysis Driven by the Selective Adsorption on Layered Titanates. Journal of the American Chemical Society, 2010, 132, 3601-3604.	13.7	100
20	Photoprocesses in mesoporous silicas prepared by a supramolecular templating approach. Journal of Photochemistry and Photobiology C: Photochemistry Reviews, 2002, 3, 129-146.	11.6	97
21	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
22	A controlled spatial distribution of functional units in the two dimensional nanospace of layered silicates and titanates. Dalton Transactions, 2014, 43, 10340-10354.	3.3	93
23	Luminescence of Tris(2,2â€˜-bipyridine)ruthenium(II) Cations ([Ru(bpy)3]2+) Adsorbed in Mesoporous Silica. Journal of Physical Chemistry B, 2000, 104, 8554-8556.	2.6	87
24	Photocatalytic Reduction of CO2 with H2O on Ti-Containing Porous Silica Thin Film Photocatalysts. Catalysis Letters, 2002, 80, 111-114.	2.6	87
25	Preparation and characterization of silylated-magadiites. Applied Clay Science, 1999, 15, 253-264.	5.2	86
26	Synthesis of Interlamellar Silylated Derivatives of Magadiite and the Adsorption Behavior for Aliphatic Alcohols. Chemistry of Materials, 2003, 15, 3134-3141.	6.7	86
27	Intercalation of 2,2'-bipyridine and complex formation in the interlayer space of montmorillonite by solid-solid reactions. Inorganic Chemistry, 1991, 30, 584-585.	4.0	85
28	Photophysical probe study of alkylammonium-montmorillonites. Langmuir, 1993, 9, 1529-1533.	3.5	83
29	Photocontrol of the Basal Spacing of Azobenzeneâ€“Magadiite Intercalation Compound. Advanced Materials, 2001, 13, 1107-1109.	21.0	83
30	Preparation of Layered Silicaâ^'Dialkyldimethylammonium Bromide Nanocomposites. Langmuir, 1997, 13, 1853-1855.	3.5	80
31	Perfluoroalkylsilylation of the Interlayer Silanol Groups of a Layered Silicate, Magadiite. Chemistry of Materials, 1998, 10, 3787-3789.	6.7	76
32	Effective and Selective Adsorption of Zn²⁺ from Seawater on a Layered Silicate. Angewandte Chemie - International Edition, 2011, 50, 654-656.	13.8	71
33	Solid-State Intercalation of Naphthalene and Anthracene into Alkylammonium-Montmorillonites. Clays and Clay Minerals, 1992, 40, 485-490.	1.3	68
34	Transparent Self-Standing Films of Titanium-Containing Nanoporous Silica. Chemistry of Materials, 2001, 13, 2900-2904.	6.7	68
35	Interlayer Modification of a Layered Titanate with Two Kinds of Organic Functional Units for Moleculeâ€Specific Adsorption. Angewandte Chemie - International Edition, 2007, 46, 8449-8451.	13.8	68
36	Preparation of Coâ€“Al layered double hydroxides by the hydrothermal urea method for controlled particle size. Applied Clay Science, 2009, 42, 601-604.	5.2	68

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37	Designed Nanostructures of Clay for Controlled Adsorption of Organic Compounds. Journal of Nanoscience and Nanotechnology, 2014, 14, 2121-2134.	0.9	68
38	Preparation of Self-Standing Transparent Films of Silica-Surfactant Mesostructured Materials and the Conversion to Porous Silica Films. Advanced Materials, 1998, 10, 1077-1080.	21.0	66
39	Adsorption of Alcohols from Aqueous Solutions into a Layered Silicate Modified with Octyltrichlorosilane. Chemistry of Materials, 2005, 17, 3717-3722.	6.7	64
40	Visible Light Induced Electron Transfer and Long-Lived Charge Separated State in Cyanine Dye/Layered Titanate Intercalation Compounds. Journal of Physical Chemistry B, 2004, 108, 4268-4274.	2.6	63
41	Intercalation of a cationic azobenzene into montmorillonite. Applied Clay Science, 2003, 22, 179-185.	5.2	62
42	Solid-state intercalation of 8-Hydroxyquinoline into Li(I)-, Zn(II)- and Mn(II)-montmorillonites. Applied Clay Science, 2007, 35, 31-38.	5.2	62
43	Formation of Organoammonium-Montmorillonites by Solid-Solid Reactions. Chemistry Letters, 1990, 19, 71-74.	1.3	60
44	Incorporation of Pyrene into an Oriented Transparent Film of Layered Silica-Hexadecyltrimethylammonium Bromide Nanocomposite. Langmuir, 1995, 11, 4639-4641.	3.5	60
45	Intercalation of Pyrene into Alkylammonium-Exchanged Swelling Layered Silicates: The Effects of the Arrangements of the Interlayer Alkylammonium Ions on the States of Adsorbates. Langmuir, 1995, 11, 4598-4600.	3.5	60
46	Mechanochemical methods for the preparation of intercalation compounds, from intercalation to the formation of layered double hydroxides. Dalton Transactions, 2018, 47, 2896-2916.	3.3	60
47	Simultaneous Delamination and Rutile Formation on the Surface of Ti₃C₂T_x MXene for Copper Adsorption. Chemistry - an Asian Journal, 2020, 15, 1044-1051.	3.3	59
48	Novel controlled luminescence of tris(2,2'-bipyridine)ruthenium(II) intercalated in a fluortetrasilicic mica with poly(vinylpyrrolidone). The Journal of Physical Chemistry, 1993, 97, 3819-3823.	2.9	58
49	Preparation of Au Nanoparticles in the Interlayer Space of a Layered Alkali Silicate Modified with Alkylthiol Groups. Chemistry of Materials, 2007, 19, 964-966.	6.7	58
50	Intercalation of Alkylammonium Cations into a Layered Titanate in the Presence of Macrocyclic Compounds. Chemistry of Materials, 1999, 11, 30-32.	6.7	57
51	Platinum(II)â€Based Hydrogenâ€Evolving Catalysts Linked to Multipendant Viologen Acceptors: Experimental and DFT Indications for Bimolecular Pathways. Chemistry - A European Journal, 2011, 17, 1148-1162.	3.3	56
52	Intercalation of p-Nitroaniline into Tetramethylammonium Saponite Film under Electric Field and Its Optical Second Harmonic Generation. Chemistry of Materials, 1994, 6, 715-717.	6.7	55
53	Solid-state intercalation of 4,4â€²-bipyridine and 1,2-di(4-pyridine)ethylene into the interlayer spaces of Co(II)-, Ni(II)- and Cu(II)-montmorillonites. Applied Clay Science, 2001, 19, 69-76.	5.2	55
54	Sunlight-induced efficient and selective photocatalytic benzene oxidation on TiO2-supported gold nanoparticles under CO2 atmosphere. Chemical Communications, 2011, 47, 11531.	4.1	55

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55	Oriented microporous film of tetramethylammonium pillared saponite. Journal of Materials Chemistry, 1994, 4, 519.	6.7	54
56	Preparation of a Cationic Azobenzene Derivativeâ˜Montmorillonite Intercalation Compound and the Photochemical Behavior. Chemistry of Materials, 1996, 8, 1347-1349.	6.7	54
57	Chapter 6. Organized molecular assemblies on the surfaces of inorganic solids-photofunctional inorganic-organic supramolecular systems. Annual Reports on the Progress of Chemistry Section C, 1998, 94, 209.	4.4	54
58	In situ formation of bis(8-hydroxyquinoline) zinc(II) complex in the interlayer spaces of smectites by solidâ€“solid reactions. Journal of Physics and Chemistry of Solids, 2008, 69, 941-948.	4.0	51
59	Preparation of Montmorillonite-Organic Intercalation Compounds by Solid-Solid Reactions. Chemistry Letters, 1989, 18, 1659-1662.	1.3	50
60	Photoactive nanoarchitectures based on clays incorporating TiO₂and ZnO nanoparticles. Beilstein Journal of Nanotechnology, 2019, 10, 1140-1156.	2.8	50
61	Photoisomerization of azobenzene in the interlayer space of magadiite. Journal of Materials Chemistry, 2002, 12, 3304-3307.	6.7	49
62	Growth of Nanoporous Silica Spherical Particles by the StÃ¶ber Method Combined with Supramolecular Templating Approach. Bulletin of the Chemical Society of Japan, 2005, 78, 1154-1159.	3.2	49
63	Molecular Recognition of 4-Nonylphenol on a Layered Silicate Modified with Organic Functionalities. Langmuir, 2011, 27, 2522-2527.	3.5	49
64	Photochromism of azobenzene in the hydrophobic interlayer spaces of dialkyldimethylammonium-fluor-tetrasilicic mica films. Clay Minerals, 1999, 34, 213-220.	0.6	48
65	Photoinduced One-Electron Reduction of MV2+in Titania Nanosheets Using Porphyrin in Mesoporous Silica Thin Films. Langmuir, 2005, 21, 2644-2646.	3.5	48
66	Tris(2,2â€²-bipyridine)ruthenium(II)-clays as adsorbents for phenol and chlorinated phenols from aqueous solution. Applied Clay Science, 2005, 29, 45-53.	5.2	48
67	Functionalization of Layered Titanates. Journal of Nanoscience and Nanotechnology, 2014, 14, 2135-2147.	0.9	48
68	Solid-state intercalation of acrylamide into smectites and Na-taeniolite. Applied Clay Science, 1992, 7, 291-302.	5.2	47
69	Photochemical hole burning of 1,4-dihydroxyanthraquinone intercalated in a pillared layered clay mineral. The Journal of Physical Chemistry, 1992, 96, 8116-8119.	2.9	45
70	Formation of ZnS and CdS in the interlayer spaces of montmorillonite. Applied Clay Science, 2010, 50, 19-24.	5.2	45
71	Preparation of surfactant templated nanoporous silica spherical particles by the StÃ¶ber method. Effect of solvent composition on the particle size. Journal of Materials Science, 2007, 42, 5299-5306.	3.7	44
72	Nanoarchitectonics through Organic Modification of Oxide Based Layered Materials; Concepts, Methods and Functions. Bulletin of the Chemical Society of Japan, 2021, 94, 678-693.	3.2	44

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73	Incorporation of Tris(2,2â€˜-bipyridine)ruthenium(II) in a Synthetic Swelling Mica with Poly(vinylpyrrolidone). Langmuir, 2000, 16, 4202-4206.	3.5	43
74	Photocontrol of the adsorption behavior of phenol for an azobenzene-montmorillonite intercalation compound. Chemical Communications, 2004, , 320-321.	4.1	43
75	Effective concentration of dichromate anions using layered double hydroxides from acidic solutions. Applied Clay Science, 2013, 75-76, 109-113.	5.2	43
76	Designing nanoarchitecture for environmental remediation based on the clay minerals as building block. Journal of Hazardous Materials, 2020, 399, 122888.	12.4	42
77	Photoregulation of the intercalation behavior of phenol for azobenzeneâ€“clay intercalation compounds. Journal of Materials Chemistry, 2005, 15, 987-992.	6.7	41
78	Preparation of zinc oxideâ€“montmorillonite hybrids. Materials Letters, 2011, 65, 657-660.	2.6	41
79	Preparation of Layered Double Hydroxides toward Precisely Designed Hierarchical Organization. ChemEngineering, 2019, 3, 68.	2.4	41
80	Preparation of Montmorillonite-p-Aminoazobenzene Intercalation Compounds and Their Photochemical Behavior. Materials Research Society Symposia Proceedings, 1991, 233, 89.	0.1	40
81	Variation of Electron-Donating Ability of Smectites as Probed by Photoreduction of Methyl Viologen. Langmuir, 2003, 19, 3578-3582.	3.5	40
82	Photoinduced electron transfer in tris(2,2â€²-bipyridine)ruthenium(ii)-viologen dyads with peptide backbones leading to long-lived charge separation and hydrogen evolution. Dalton Transactions, 2010, 39, 4421.	3.3	40
83	Acceleration of the photocatalytic degradation of organics by in-situ removal of the products of degradation. Applied Catalysis B: Environmental, 2021, 284, 119705.	20.2	40
84	Thermotropic Behavior of the Silicaâˆ’Alkyltrimethylammonium Chloride Mesostructured Materials. Chemistry of Materials, 1998, 10, 1382-1385.	6.7	39
85	Aluminium-containing mesoporous silica films as nano-vessels for organic photochemical reactions. Chemical Communications, 2000, , 2441-2442.	4.1	39
86	Uni-Directional Orientation of Cyanine Dye Aggregates on a K4Nb6O17 Single Crystal: Toward Novel Supramolecular Assemblies with Three-Dimensional Anisotropy. Journal of the American Chemical Society, 2001, 123, 6949-6950.	13.7	39
87	The intercalation of Î²-carotene into the organophilic interlayer space of dialkyldimethylammonium-montmorillonites. Applied Clay Science, 2002, 22, 137-144.	5.2	39
88	Formation of MnS- and NiS-montmorillonites by solid-solid reactions. Applied Clay Science, 2009, 43, 238-242.	5.2	39
89	Arrangements of Interlayer Quaternary Ammonium Ions in a Layered Silicate, Octosilicate. Crystal Growth and Design, 2010, 10, 2068-2072.	3.0	39
90	Inorganic modification of layered silicates toward functional inorganic-inorganic hybrids. Applied Clay Science, 2018, 153, 187-197.	5.2	39

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91	Negative Photochromism Based on Molecular Diffusion between Hydrophilic and Hydrophobic Particles in the Solid State. Inorganic Chemistry, 2018, 57, 3671-3674.	4.0	39
92	Intercalation of a cationic cyanine dye into the layer silicate magadiite. Applied Clay Science, 2001, 19, 39-46.	5.2	38
93	Preparation and some properties of organically modified layered alkali titanates with alkylmethoxysilanes. Journal of Colloid and Interface Science, 2006, 296, 141-149.	9.4	38
94	Molecular selective photocatalysis by TiO2/nanoporous silica core/shell particulates. Journal of Colloid and Interface Science, 2011, 358, 245-251.	9.4	38
95	Preparation of Transparent Silica-Surfactant Nanocomposite Films with Controlled Microstructures. Bulletin of the Chemical Society of Japan, 1997, 70, 2833-2837.	3.2	37
96	Preparation of Aluminum-Containing Mesoporous Silica Films. Langmuir, 2002, 18, 744-749.	3.5	37
97	1,1â€²-Dimethyl-4,4â€²-bipyridinium-smectites as a novel adsorbent of phenols from water through charge-transfer interactions. Chemical Communications, 2003, , 1378-1379.	4.1	37
98	Nanospace Engineering of Methylviologen Modified Hectorite-Like Layered Silicates with Varied Layer Charge Density for the Adsorbents Design. Journal of Physical Chemistry C, 2010, 114, 539-545.	3.1	37
99	Surface modification of Mesoporous Silica to Control the States of Tris(2,2â€²-bipyridine)ruthenium(II) Cations. Chemistry Letters, 2002, 31, 632-633.	1.3	36
100	Surface modification of a layered alkali titanate with organosilanes. Chemical Communications, 2003, , 1262.	4.1	36
101	Microfluidic syntheses of well-defined sub-micron nanoporous titania spherical particles. Chemical Communications, 2009, , 6851.	4.1	36
102	Controlled spatial separation of Eu ions in layered silicates with different layer thickness. Chemical Communications, 2010, 46, 2241.	4.1	36
103	Stabilization of photosensitizing dyes by complexation with clay. Chemical Communications, 2011, 47, 8602.	4.1	36
104	Intercalation of Tris(2,2â€˜-bipyridine)ruthenium(II) into a Layered Silicate, Magadiite, with the Aid of a Crown Ether. Journal of Physical Chemistry B, 1999, 103, 5005-5009.	2.6	35
105	Adsorption of Eu³⁺ to smectites and fluoro-tetrasilicic mica. Clays and Clay Minerals, 2007, 55, 348-353.	1.3	35
106	Possible pore size effects on the state of tris(8-quinolinato)aluminum(iii) (Alq3) adsorbed in mesoporous silicas and their temperature dependence. Physical Chemistry Chemical Physics, 2008, 10, 6849.	2.8	35
107	Hostâ€“guest chemistry of mesoporous silicas: precise design of location, density and orientation of molecular guests in mesopores. Science and Technology of Advanced Materials, 2015, 16, 054201.	6.1	35
108	Efficient photocatalytic oxidation of benzene to phenol by metal complex-clay/TiO₂ hybrid photocatalyst. RSC Advances, 2016, 6, 23794-23797.	3.6	35

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109	Bio-geo hybrid pigment; clay-anthocyanin complex which changes color depending on the atmosphere. Dyes and Pigments, 2017, 139, 561-565.	3.7	35
110	PREPARATION AND CHARACTERIZATION OF Eu-MAGADIITE INTERCALATION COMPOUNDS. Clays and Clay Minerals, 2002, 50, 799-806.	1.3	34
111	Luminescence of Tris(8-quinolinato)aluminum(III) (Alq3) Adsorbed into Mesoporous Silica. Chemistry Letters, 2006, 35, 108-109.	1.3	34
112	Swelling in Water of a Layered Alkali Silicate, Octosilicate, Modified with a Sulfonic Acid Group. Langmuir, 2009, 25, 5276-5281.	3.5	34
113	Preparation of Blow-Molded Macroscopic Bubbles of Mesoporous Silica by a Supramolecular Templating Approach. Langmuir, 1999, 15, 2227-2229.	3.5	33
114	Intercalation of 8-hydroxyquinoline into a1-smectites by solid-solid reactions. Clays and Clay Minerals, 2002, 50, 428-434.	1.3	33
115	Hybridization of epoxy resin with a layered titanate and UV light durability and controlled refractive index of the resulting nanocomposite. Polymer Chemistry, 2010, 1, 849.	3.9	33
116	Clay-bionanocomposites with sacran megamolecules for the selective uptake of neodymium. Journal of Materials Chemistry A, 2014, 2, 1391-1399.	10.3	33
117	Control of Polymorphism of Metalâ€“Organic Frameworks Using Mixed-Metal Approach. Crystal Growth and Design, 2018, 18, 16-21.	3.0	33
118	Intercalation of an amphiphilic azobenzene derivative into the interlayer space of a layered silicate, magadiite. Clay Minerals, 2001, 36, 263-266.	0.6	32
119	Luminescence of Tris(2,2â€˜-bipyridine)ruthenium(II) Cations ([Ru(bpy)3]2+) Adsorbed in Mesoporous Silicas Modified with Sulfonated Phenethyl Group. Journal of Physical Chemistry B, 2007, 111, 8836-8841.	2.6	32
120	Solid-state intercalation and in situ formation of cadmium sulfide in the interlayer space of montmorillonite. Journal of Physics and Chemistry of Solids, 2008, 69, 1107-1111.	4.0	32
121	Unprecedentedly enhanced solar photocatalytic activity of a layered titanate simply integrated with TiO₂ nanoparticles. Physical Chemistry Chemical Physics, 2016, 18, 30920-30925.	2.8	32
122	Incorporation of tris(2,2â€²-bipyridine)ruthenium(II) cations ([Ru(bpy)3]2+) into a mesoporous silica. Microporous and Mesoporous Materials, 2001, 48, 159-164.	4.4	31
123	Unidirectional Orientation of Methylene Blue Intercalated in K4Nb6O17 Single Crystal. Journal of Physical Chemistry B, 2003, 107, 4043-4047.	2.6	31
124	Deposition of Thin Nanoporous Silica Layers on Solid Surfaces. Chemistry of Materials, 2006, 18, 1715-1718.	6.7	31
125	Preparation of large platy particles of Co-Al layered double hydroxides. Clays and Clay Minerals, 2006, 54, 382-389.	1.3	31
126	Hydrophobic composite foams based on nanocellulose-sepiolite for oil sorption applications. Journal of Hazardous Materials, 2021, 417, 126068.	12.4	31

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127	Very slow formation of copper sulfide and cobalt sulfide nanoparticles in montmorillonite. Applied Clay Science, 2011, 51, 182-186.	5.2	30
128	Mesoporous Silica Layer: Preparation and Opportunity. Chemical Record, 2017, 17, 217-232.	5.8	30
129	Adsorption of a cationic porphyrin onto mesoporous silicas. Research on Chemical Intermediates, 2003, 29, 721-731.	2.7	29
130	Molecular recognitive photocatalytic decomposition on mesoporous silica coated TiO2 particle. Materials Letters, 2011, 65, 24-26.	2.6	29
131	Visible-Light-Responsive Photocatalytic Flow Reactor Composed of Titania Film Photosensitized by Metal Complex-Clay Hybrid. ACS Applied Materials & Interfaces, 2015, 7, 12631-12634.	8.0	29
132	Effective Luminescence Quenching of Tris(2,2-bipyridine)ruthenium(II) by Methylviologen on Clay by the Aid of Poly(vinylpyrrolidone). Langmuir, 2004, 20, 7004-7009.	3.5	28
133	Preparation of hectorite-like swelling silicate with controlled layer charge density. Journal of the Ceramic Society of Japan, 2008, 116, 1309-1313.	1.1	28
134	Controlled Photocatalytic Ability of Titanium Dioxide Particle by Coating with Nanoporous Silica. Chemistry Letters, 2008, 37, 76-77.	1.3	28
135	Selective Solid-State Intercalation ofcis-transIsomers into Montmorillonite. Chemistry Letters, 1992, 21, 365-368.	1.3	27
136	Swelling Behaviors of an Organosilylated Lithium Potassium Titanate in Organic Solvents. Chemistry Letters, 2005, 34, 360-361.	1.3	27
137	Larger Scale Syntheses of Surfactant-Templated Nanoporous Silica Spherical Particles by the Stoeber Method. Journal of the Ceramic Society of Japan, 2007, 115, 315-318.	1.3	27
138	Prenylated Phloroglucinol Derivatives from <i>Hypericum perforatum</i> var. <i>angustifolium</i>. Chemical and Pharmaceutical Bulletin, 2008, 56, 1164-1167.	1.3	27
139	The effect of the molecular structure of a cationic azo dye on the photoinduced intercalation of phenol in a montmorillonite. Applied Clay Science, 2008, 40, 187-192.	5.2	26
140	A green synthesis of a layered titanate, potassium lithium titanate; lower temperature solid-state reaction and improved materials performance. Journal of Solid State Chemistry, 2013, 206, 9-13.	2.9	26
141	Mesoporous Silica Spherical Particles. Journal of Nanoscience and Nanotechnology, 2013, 13, 2483-2494.	0.9	26
142	The Improved Stability of Molecular Guests by the Confinement into Nanospaces. Chemistry Letters, 2019, 48, 398-409.	1.3	26
143	Synthesis and properties of titanium dioxide/polydimethylsiloxane hybrid particles. Journal of Materials Science, 2004, 39, 4131-4137.	3.7	25
144	The Removal of 2-Phenylphenol from Aqueous Solution by Adsorption onto Organoclays. Bulletin of the Chemical Society of Japan, 2010, 83, 712-715.	3.2	25

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145	Attachment of the Sulfonic Acid Group in the Interlayer Space of a Layered Alkali Silicate, Octosilicate. Langmuir, 2012, 28, 7505-7511.	3.5	25
146	Structure and Dynamics of Nonionic Surfactant Aggregates in Layered Materials. Langmuir, 2017, 33, 9759-9771.	3.5	25
147	Adsorption of Phenols onto 1,1â€²-Dimethyl-4,4â€²-bipyridinium-smectites. Chemistry Letters, 2002, 31, 812-813.	1.3	24
148	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
149	Easily Oxidizable Polysulfide Anion Occluded in the Interlayer Space of Mg/Al Layered Double Hydroxide. Chemistry Letters, 2004, 33, 1030-1031.	1.3	24
150	Efficient Way to Attach Organosilyl Groups in the Interlayer Space of Layered Solids. Bulletin of the Chemical Society of Japan, 2007, 80, 1624-1629.	3.2	24
151	Direct Correlation between Nanostructure and Particle Morphology during Intercalation. Crystal Growth and Design, 2014, 14, 1516-1519.	3.0	24
152	Adsorption-Induced Dye Stability of Cationic Dyes on Clay Nanosheets. Langmuir, 2018, 34, 14069-14075.	3.5	24
153	Solid-state ion exchange reactions between homoionic-montmorillonites and organoammonium salts. Journal of Porous Materials, 1995, 1, 85-89.	2.6	23
154	Two dimensional size controlled confinement of poly(vinyl pyrrolidone) in the interlayer space of swelling clay mineral. Polymer Chemistry, 2012, 3, 1069.	3.9	23
155	Polymorphism of Mixed Metal Cr/Fe Terephthalate Metalâ€“Organic Frameworks Utilizing a Microwave Synthetic Method. Crystal Growth and Design, 2019, 19, 5581-5591.	3.0	23
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