

# Makoto Ogawa

## List of Publications by Year in descending order

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347  
papers

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docs citations

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times ranked

6928  
citing authors

#	ARTICLE	IF	CITATIONS
1	Conversion of Polypropylene to Light Olefins by HMFI Catalysts below Pyrolytic Temperature: Catalytic, Spectroscopic, and Theoretical Studies. <i>Journal of Physical Chemistry C</i> , 2025, 129, 1678-1691.	3.2	0
2	Template Syntheses of Anatase Nanoparticles Using a Nanoporous Polyimide Membrane: Implications for Deposition of Platinum for Photocatalytic H <sub>2</sub> Evolution. <i>ACS Applied Nano Materials</i> , 2025, 8, 3402-3412.	5.4	0
3	Precisely Designed Synthesis of Hollow Zn <sub>2</sub> SiO <sub>4</sub> Particles from ZnO/SiO <sub>2</sub> Core/Shell Particles with Varied Silica Thicknesses. <i>Crystal Growth and Design</i> , 2025, 25, 1386-1393.	3.5	0
4	Swelling-Induced Chromotropism of Bionanocomposite Hydrogel Beads. <i>Langmuir</i> , 2024, 40, 1016-1023.	3.8	2
5	NiFe Layered Double Hydroxides with Controlled Composition and Morphology for the Efficient Removal of Cr(VI) from Water. <i>Langmuir</i> , 2024, 40, 1408-1417.	3.8	5
6	Nanoarchitectonics of a Smectite with 4,4'-Diammonium- $\beta$ -truxillic Acid and Its Methyl Ester for the Removal of <i>o</i> -Phenylphenol and Biphenyl from Water. <i>Inorganic Chemistry</i> , 2024, 63, 2787-2792.	4.6	2
7	Incorporation of iron(III) into nanoporous silica spheres. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2024, 686, 133305.	5.2	1
8	Responsive Polymer-Layered Silicate Hybrids for Anticorrosion. <i>ACS Applied Polymer Materials</i> , 2024, 6, 2129-2138.	4.7	2
9	Hybridization of layered double hydroxides with functional particles. <i>Dalton Transactions</i> , 2024, 53, 6144-6156.	3.2	3
10	Forceless spontaneous delamination of high-aspect ratio fluorohectorite into monolayer nanosheets in chloroform. <i>Chemical Communications</i> , 2024, 60, 6383-6386.	4.2	1
11	Designed Nanoarchitectures of a BiOBr/BiOI Nanosheet Heterojunction Anchored on Dendritic Fibrous Nanosilica as Visible-Light Responsive Photocatalysts. <i>Inorganic Chemistry</i> , 2024, 63, 11870-11883.	4.6	2
12	Self-shuttle-mediated electron transfer to boost photocatalytic hydrogen production of Co-Zn bimetallic MOF. <i>Journal of Materials Chemistry A</i> , 2024, 12, 26743-26748.	9.3	1
13	Continuous Flow Hydroxylation of Benzene to Phenol in a Photocatalytic Millistructured Flat-Plate Reactor. <i>ACS Sustainable Chemistry and Engineering</i> , 2024, 12, 13998-14008.	7.0	2
14	Antifreezing and Thermal Hardening of a Gelatin-Smectite Nanocomposite Hydrogel. <i>Chemistry of Materials</i> , 2024, 36, 10276-10284.	6.9	0
15	Designed functions of oxide/hydroxide nanosheets <i>via</i> elemental replacement/doping. <i>Chemical Society Reviews</i> , 2024, 53, 10523-10574.	38.2	1
16	MXene-copper oxide/sulfonated polyether ether ketone as a hybrid composite proton exchange membrane in electrochemical water electrolysis. <i>Catalysis Today</i> , 2023, 407, 96-106.	4.7	19
17	Soap-Free Emulsion Composed of Polymer Solutions and an Aqueous Clay Suspension. <i>Langmuir</i> , 2023, 39, 756-762.	3.8	1
18	Synthesis of NiFe layered double hydroxides with varied layer charge densities: the templating effect of dioctyl sulfosuccinate. <i>Dalton Transactions</i> , 2023, 52, 4692-4699.	3.2	3

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19	Controlled Phase Transformation and Crystal Growth of Titanium Dioxide from Anatase/Silica Core/Shell Particles. <i>Inorganic Chemistry</i> , 2023, 62, 12166-12174.	4.6	2
20	Precise Design of Titanium Dioxide Nanoparticles Using Nanostructured Solids as Template. <i>Topics in Catalysis</i> , 2023, , .	2.6	1
21	Electrochemical and electrical characteristics of ball milled Cs <sub>2</sub> Ti <sub>6</sub> O <sub>13</sub> modified by the surface-to-bulk migration of hydroxyl groups. <i>Dalton Transactions</i> , 2023, 52, 11815-11825.	3.2	5
22	Novel Floating Adsorbent for Water Treatment: Organically Modified Layered Alkali Silicate by Facile Mechanochemical Reaction. <i>ACS Applied Materials &amp; Interfaces</i> , 2023, 15, 41130-41140.	8.1	2
23	Photoinduced Hydrophilicity and Antimicrobial Activity by Photocatalysis. , 2023, , 77-88.		0
24	Post-synthetic particle size reduction of a layered cesium titanate (Cs <sub>2</sub> Ti <sub>5</sub> O <sub>11</sub> ) for the improvement of photocatalytic H <sub>2</sub> production. <i>Journal of Physics and Chemistry of Solids</i> , 2022, 163, 110541.	4.7	3
25	Simple Fabrication of a Continuous-Flow Photocatalytic Reactor Using Dopamine-Assisted Immobilization onto a Fluoropolymer Tubing. <i>Industrial &amp; Engineering Chemistry Research</i> , 2022, 61, 1322-1331.	4.0	10
26	Remarkable stability of dye in polymer-clay nanocomposite film. <i>Applied Clay Science</i> , 2022, 218, 106405.	5.5	10
27	Mechanochromic luminescence of a bionanocomposite hydrogel. <i>Chemical Communications</i> , 2022, 58, 3278-3281.	4.2	10
28	Preparation of Titanium-Containing Layered Alkali Silicates. <i>Crystal Growth and Design</i> , 2022, 22, 1638-1644.	3.5	5
29	Organophilic Clay with Useful Whiteness. <i>Langmuir</i> , 2022, 38, 2979-2985.	3.8	6
30	Interactions of layered clay minerals with water-soluble polymers; structural design and functions. <i>Applied Clay Science</i> , 2022, 222, 106487.	5.5	22
31	A six-fold difference in structure results in a six-order difference in conductivity: silica shell nanoarchitectonics on carbon black particles. <i>Nanoscale</i> , 2022, 14, 7480-7483.	5.1	5
32	Lepidocrocite-Type Layered Titanate Nanoparticles as Photocatalysts for H <sub>2</sub> Production. <i>ACS Applied Nano Materials</i> , 2022, 5, 9053-9062.	5.4	14
33	Facile solvothermal synthesis of plate-like submicron NaNbO <sub>3</sub> particles. <i>CrystEngComm</i> , 2022, 24, 5405-5409.	2.5	1
34	Simple and cost-effective mass production of nitrate type MgAl layered double hydroxide: Titration from concentrated solution. <i>Applied Clay Science</i> , 2022, 228, 106615.	5.5	14
35	A novel geo-photocatalyst, an iron-containing layered clay mineral, for photocatalytic H <sub>2</sub> evolution from water. <i>Chemical Communications</i> , 2022, 58, 12661-12664.	4.2	5
36	Photoinduced movement: how photoirradiation induced the movements of matter. <i>Science and Technology of Advanced Materials</i> , 2022, 23, 796-844.	6.4	6

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37	Well-Defined Single and Bundled Rutile Nanorods in Mesoporous Silica for Efficient Hydrogen Evolution Photocatalysis. <i>ACS Applied Nano Materials</i> , 2022, 5, 18004-18013.	5.4	1
38	Efficient $n$ Heterojunction Photocatalyst Composed of Bismuth Oxyiodide and Layered Titanate. <i>Inorganic Chemistry</i> , 2022, 61, 20268-20276.	4.6	5
39	Acceleration of the photocatalytic degradation of organics by in-situ removal of the products of degradation. <i>Applied Catalysis B: Environmental</i> , 2021, 284, 119705.	20.3	55
40	Self-healing polymer-clay hybrids by facile complexation of a waterborne polymer with a clay. <i>Materials Advances</i> , 2021, 2, 3770-3776.	4.8	6
41	Formation of BiOX (X = Cl and Br) in a mesoporous silica by the infiltration of Bi salts and the subsequent reaction with HX vapor. <i>Chemical Communications</i> , 2021, 57, 8139-8142.	4.2	3
42	Directional growth of octacalcium phosphate using micro-flow reactor mixing and subsequent aging. <i>RSC Advances</i> , 2021, 11, 15969-15976.	4.5	4
43	Adsorption of Triclosan onto Organically Modified-Magadiite and Bentonite. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2021, 31, 1902-1911.	4.3	13
44	Heterostructural transformation of mesoporous silica-titania hybrids. <i>Scientific Reports</i> , 2021, 11, .	3.7	25
45	Nanoarchitectonics through Organic Modification of Oxide Based Layered Materials; Concepts, Methods and Functions. <i>Bulletin of the Chemical Society of Japan</i> , 2021, 94, 678-693.	3.9	46
46	Suppressing the Photocatalytic Activity of Titania by Precisely Controlled Silica Coating. <i>Inorganic Chemistry</i> , 2021, 60, 6201-6208.	4.6	10
47	Efficient Negative Photochromism by the Photoinduced Migration of Photochromic Merocyanine/Spiropyran in the Solid State. <i>Langmuir</i> , 2021, 37, 3702-3708.	3.8	16
48	Preparation of MgGa Layered Double Hydroxides and Possible Compositional Variation. <i>Nanomaterials</i> , 2021, 11, 1206.	4.2	8
49	Highly Luminescent Inorganic-Organic Hybrids with Molecularly Dispersed Perylene. <i>Inorganic Chemistry</i> , 2021, 60, 9563-9570.	4.6	10
50	Simple and efficient method for functionalizing photocatalytic ceramic membranes and assessment of its applicability for wastewater treatment in up-scalable membrane reactors. <i>Separation and Purification Technology</i> , 2021, 262, 118307.	8.8	20
51	Well-Defined Hexagonal Platy Particles of Brucite, Brucite/Silica Core Shell, and Hollow Silica Particle. <i>Bulletin of the Chemical Society of Japan</i> , 2021, 94, 2396-2401.	3.9	1
52	Important Roles of Water Clusters Confined in a Nanospace as Revealed by a Synchrotron X-ray Diffraction Study. <i>Langmuir</i> , 2021, 37, 10469-10480.	3.8	7
53	Layered alkali titanates (A <sub>2</sub> Ti <sub>n</sub> O <sub>2n+1</sub> ): possible uses for energy/environment issues. <i>Frontiers in Energy</i> , 2021, 15, 631-655.	5.0	17
54	Efficient Concentration of PB From Water by Reactions With Layered Alkali Silicates, Magadiite and Octosilicate. <i>Clays and Clay Minerals</i> , 2021, 69, 416-424.	2.0	5

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55	Hydrophobic composite foams based on nanocellulose-sepiolite for oil sorption applications. <i>Journal of Hazardous Materials</i> , 2021, 417, 126068.	12.4	38
56	MXene potassium titanate nanowire/sulfonated polyether ether ketone (SPEEK) hybrid composite proton exchange membrane for photocatalytic water splitting. <i>RSC Advances</i> , 2021, 11, 9327-9335.	4.5	9
57	Mechanochemical syntheses of all-inorganic iodide perovskites from layered cesium titanate and bismuth (and antimony) iodide. <i>Chemical Communications</i> , 2021, 57, 10003-10006.	4.2	3
58	Composition-Dependent Thermal Stability and Water-Induced Self-Healing Behavior of Smectite/Waterborne Polymer Hybrid Film. <i>Langmuir</i> , 2021, 37, 12887-12896.	3.8	7
59	Synergistic Effects of Polybenzimidazole and Aramide on Enhancing Flame Retardancy and Solubility. <i>Macromolecular Materials and Engineering</i> , 2021, 306, .	4.2	2
60	Acceleration of photochromism and negative photochromism by the interactions with mesoporous silicas. <i>Photochemical and Photobiological Sciences</i> , 2020, 18, 1742-1749.	2.9	11
61	Fabrication and photocatalytic behavior of titanium oxide-gold nanoparticles composite ultrathin films prepared using surface sol-gel process. <i>Journal of Sol-Gel Science and Technology</i> , 2020, 93, 563-569.	2.7	5
62	Characteristics of flexible supramolecular assembly of dioleyldimethylammonium ion confined in a two dimensional nanospace studied by the host-guest reactions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 605, 125352.	5.2	5
63	Template Synthesis of Well-Defined Rutile Nanoparticles by Solid-State Reaction at Room Temperature. <i>Inorganic Chemistry</i> , 2020, 59, 7934-7938.	4.6	8
64	Photofunctions of Dye-Clay Hybrids: Recent Developments. <i>Structure and Bonding</i> , 2020, , 251-320.	0.0	8
65	Crystallization of well-defined anatase nanoparticles in SBA-15 for the photocatalytic decomposition of acetic acid. <i>RSC Advances</i> , 2020, 10, 32350-32356.	4.5	5
66	Preparation of a Chitin/Clay Hybrid Film by a Mechanochemical Method. <i>ACS Applied Polymer Materials</i> , 2020, 2, 4733-4738.	4.7	4
67	Designing nanoarchitecture for environmental remediation based on the clay minerals as building block. <i>Journal of Hazardous Materials</i> , 2020, 399, 122888.	12.4	47
68	An experimental and steered molecular dynamics simulation approach to histidine assisted liquid-phase exfoliation of graphite into few-layer graphene. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 9910-9914.	2.8	4
69	Simultaneous Controlled Seeded-Growth and Doping of ZnO Nanorods with Aluminum and Cerium: Feasibility Assessment and Effect on Photocatalytic Activity. <i>Crystal Growth and Design</i> , 2020, 20, 5508-5525.	3.5	24
70	Organically Modified Bentonite as an Efficient and Reusable Adsorbent for Triclosan Removal from Water. <i>Langmuir</i> , 2020, 36, 9025-9034.	3.8	25
71	Ion Exchange of Layered Alkali Titanates (Na <sub>2</sub> Ti <sub>3</sub> O <sub>7</sub> ·xH <sub>2</sub> O) with Alkali Halides by the Solid-State Reactions at Room Temperature. <i>Inorganic Chemistry</i> , 2020, 59, 4024-4029.	4.6	25
72	Simultaneous Delamination and Rutile Formation on the Surface of Ti <sub>3</sub> C <sub>2</sub> T <sub>x</sub> MXene for Copper Adsorption. <i>Chemistry - an Asian Journal</i> , 2020, 15, 1044-1051.	3.1	72

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73	Preparation of Layered Double Hydroxides toward Precisely Designed Hierarchical Organization. ChemEngineering, 2019, 3, 68.	3.0	52
74	Improved Rheological Properties of Organophilic-Clay Suspensions by a Simple Pretreatment with a Wet Type Jet Mill. Bulletin of the Chemical Society of Japan, 2019, 92, 1329-1334.	3.9	8
75	Polymorphism of Mixed Metal Cr/Fe Terephthalate Metal-Organic Frameworks Utilizing a Microwave Synthetic Method. Crystal Growth and Design, 2019, 19, 5581-5591.	3.5	27
76	Preferential immobilization of size-controlled anatase nanoparticles in mesopores. Chemical Communications, 2019, 55, 8442-8445.	4.2	11
77	Electron Microscopy Study of TiO <sub>2</sub> Nanoparticle in Mesoporous Silica. Microscopy and Microanalysis, 2019, 25, 2214-2215.	0.5	1
78	Novel Flexible Supramolecular Assembly of Dioleilydimethylammonium Ion in a Two-Dimensional Nanospace Studied by Neutron Scattering. Langmuir, 2019, 35, 13977-13982.	3.8	14
79	Pore shape-reflecting morphosynthesis of lithium niobium oxide <i>via</i> mixed chloride flux growth in the presence of mesoporous silica. Nanoscale Advances, 2019, 1, 1726-1730.	4.5	1
80	The Improved Stability of Molecular Guests by the Confinement into Nanospaces. Chemistry Letters, 2019, 48, 398-409.	1.1	27
81	Synergy effects of the complexation of a titania and a smectite on the film formation and its photocatalyst performance. Applied Clay Science, 2019, 169, 129-134.	5.5	18
82	Photoactive nanoarchitectures based on clays incorporating TiO <sub>2</sub> and ZnO nanoparticles. Beilstein Journal of Nanotechnology, 2019, 10, 1140-1156.	2.5	57
83	Complexation of TiO <sub>2</sub> With Clays and Clay Minerals for Hierarchically Designed Functional Hybrids. , 2019, , 125-150.		6
84	Preparation of sodium-type bentonite with useful swelling property by a mechanochemical reaction from a weathered bentonite. Applied Clay Science, 2019, 175, 124-129.	5.5	14
85	Photochromic Reactions in Nanospace: Host-Guest Interactions and Opportunity. , 2019, , 163-177.		1
86	Hydrophilic Internal Pore and Hydrophobic Particle Surface of Organically Modified Mesoporous Silica Particle to Host Photochromic Molecules. Chemistry Letters, 2019, 48, 170-172.	1.1	11
87	Efficient production of MgAl layered double hydroxide nanoparticle. Journal of the Ceramic Society of Japan, 2019, 127, 11-17.	1.1	19
88	Layered Titanates (Na <sub>2</sub> Ti <sub>3</sub> O <sub>7</sub> and Cs <sub>2</sub> Ti <sub>5</sub> O <sub>11</sub> ) as Very High Capacity Adsorbents of Cadmium(II). Bulletin of the Chemical Society of Japan, 2019, 92, 1-6.	3.9	12
89	Immobilization of titanium dioxide in mesoporous silicas: Structural design and characterization. Journal of Solid State Chemistry, 2019, 270, 162-172.	3.2	23
90	Photochromism of a Spiropyran in the Presence of a Synthetic Hectorite. Chemistry Letters, 2018, 47, 189-191.	1.1	11

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91	Mechanochemical methods for the preparation of intercalation compounds, from intercalation to the formation of layered double hydroxides. Dalton Transactions, 2018, 47, 2896-2916.	3.2	62
92	Inorganic modification of layered silicates toward functional inorganic-inorganic hybrids. Applied Clay Science, 2018, 153, 187-197.	5.5	43
93	Precise Synthesis of Well-Defined Inorganic-Organic Hybrid Particles. Chemical Record, 2018, 18, 950-968.	6.9	14
94	Distribution Control-Oriented Intercalation of a Cationic Metal Complex into Layered Silicates Modified with Organosulfonic-Acid Moieties. Langmuir, 2018, 34, 4762-4773.	3.8	7
95	Negative Photochromism Based on Molecular Diffusion between Hydrophilic and Hydrophobic Particles in the Solid State. Inorganic Chemistry, 2018, 57, 3671-3674.	4.6	42
96	Control of the optical properties of cadmium selenide nanoparticles using magadiite. Dalton Transactions, 2018, 47, 807-813.	3.2	5
97	Control of Polymorphism of Metal-Organic Frameworks Using Mixed-Metal Approach. Crystal Growth and Design, 2018, 18, 16-21.	3.5	36
98	Removal of Water-Soluble Polymers from an Aqueous Solution by Adsorption onto an Acidic Clay. Clays and Clay Minerals, 2018, 66, 96-103.	2.0	3
99	Layered Silicates as a Possible Drug Carrier. The Enzymes, 2018, , 117-136.	0.0	12
100	Unsaturated Mn(II)-Centered [Mn(BDC)] <sub>n</sub> Metal-Organic Framework with Strong Water Binding Ability and Its Potential for Dehydration of an Ethanol/Water Mixture. Inorganic Chemistry, 2018, 57, 13075-13078.	4.6	8
101	Adsorption-Induced Dye Stability of Cationic Dyes on Clay Nanosheets. Langmuir, 2018, 34, 14069-14075.	3.8	28
102	Highly Efficient Indium(III) Collection from Water by a Reaction with a Layered Titanate (Na <sub>2</sub> Ti <sub>3</sub> O <sub>7</sub> ). European Journal of Inorganic Chemistry, 2018, 2018, 3835-3839.	1.9	9
103	The possible doping of Al <sup>3+</sup> and F <sup>-</sup> modification onto CdS in montmorillonite. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2017, 522, 133-139.	5.2	12
104	Photoinduced structural changes of cationic azo dyes confined in a two dimensional nanospace by two different mechanisms. RSC Advances, 2017, 7, 8077-8081.	4.5	15
105	Inorganic-Organic Interactions. Nanostructure Science and Technology, 2017, , 163-186.	0.0	7
106	Adsorbents Derived from Layered Solids. Nanostructure Science and Technology, 2017, , 263-301.	0.0	1
107	Mechanochemical synthesis of finite particle of layered double hydroxide-acetate intercalation compound: Swelling, thin film and ion exchange. Journal of Solid State Chemistry, 2017, 253, 147-153.	3.2	16
108	Synthesis and Optical Properties of MnS <sub>2</sub> -ZnS and MnS <sub>2</sub> -CdS Nanoparticles in Montmorillonite. Journal of Nanoscience and Nanotechnology, 2017, 17, 1420-1427.	0.6	6

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109	Bio-geo hybrid pigment; clay-anthocyanin complex which changes color depending on the atmosphere. <i>Dyes and Pigments</i> , 2017, 139, 561-565.	3.9	40
110	Deposition of a titania layer on spherical porous silica particles and their nanostructure-induced vapor sensing properties. <i>Nanoscale</i> , 2017, 9, 16791-16799.	5.1	10
111	Photochromism of a Spiropyran in the Presence of a Dendritic Fibrous Nanosilica; Simultaneous Photochemical Reaction and Adsorption. <i>Journal of Physical Chemistry A</i> , 2017, 121, 8080-8085.	2.7	18
112	Efficient Concentration of Indium(III) from Aqueous Solution Using Layered Silicates. <i>Langmuir</i> , 2017, 33, 9558-9564.	3.8	25
113	Mechanochemical Encapsulation of an Aromatic Hydrocarbon into Mesoporous Silica as a Simple Slow Release Formulation. <i>ChemistrySelect</i> , 2017, 2, 6758-6761.	1.7	2
114	Structure and Dynamics of Nonionic Surfactant Aggregates in Layered Materials. <i>Langmuir</i> , 2017, 33, 9759-9771.	3.8	26
115	Size-Controlled Synthesis of Anatase in a Mesoporous Silica, SBA-15. <i>Langmuir</i> , 2017, 33, 13598-13603.	3.8	20
116	Mesoporous Silica Layer: Preparation and Opportunity. <i>Chemical Record</i> , 2017, 17, 217-232.	6.9	35
117	Hydrothermal synthesis of zinc selenide in smectites. <i>Applied Clay Science</i> , 2017, 135, 45-51.	5.5	11
118	Facile syntheses of nanoporous organosilica spherical particles. <i>Journal of Porous Materials</i> , 2017, 25, 425-431.	2.8	4
119	Title is missing!. , 2017, .		2
120	Meet Our Associate Editor:. <i>Recent Patents on Nanotechnology</i> , 2016, 10, 1-1.	1.8	0
121	Efficient Photodegradation of Organics in Acidic Solution by ZnO@Smectite Hybrids. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 3157-3162.	1.9	16
122	Green Synthesis of Organophilic Clays; Solid-State Reaction of Acidic Clay with Organoamine. <i>Industrial &amp; Engineering Chemistry Research</i> , 2016, 55, 6325-6330.	4.0	14
123	Unprecedentedly enhanced solar photocatalytic activity of a layered titanate simply integrated with TiO <sub>2</sub> nanoparticles. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 30920-30925.	2.8	33
124	The effect of alcohol type on the thickness of silica layer of Co <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> core-shell particle. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016, 511, 39-46.	5.2	15
125	Modified Method for Bentonite Purification and Characterization; a Case Study Using Bentonite from Tsunagi Mine, Niigata, Japan. <i>Clays and Clay Minerals</i> , 2016, 64, 275-282.	2.0	15
126	Mesoporous silica coated silica@titania spherical particles: from impregnation to core@shell formation. <i>Dalton Transactions</i> , 2016, 45, 18742-18749.	3.2	9

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127	Efficient photocatalytic oxidation of benzene to phenol by metal complex-clay/TiO <sub>2</sub> hybrid photocatalyst. RSC Advances, 2016, 6, 23794-23797.	4.5	35
128	Molecular photo-charge-separators enabling single-pigment-driven multi-electron transfer and storage leading to H <sub>2</sub> evolution from water. Inorganic Chemistry Frontiers, 2016, 3, 671-680.	6.3	22
129	Formation of Cadmium Sulfide and Zinc Sulfide Mixture in the Interlayer Space of Montmorillonite. European Journal of Inorganic Chemistry, 2015, 2015, 1631-1637.	1.9	9
130	Host-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.	6.4	38
131	Photoinduced adsorption of spiropyran into mesoporous silicas as photomerocyanine. RSC Advances, 2015, 5, 101789-101793.	4.5	20
132	Cadmium Telluride-Titanium Dioxide Nanocomposite for Photodegradation of Organic Substance. Journal of Nanoscience and Nanotechnology, 2015, 15, 10041-10045.	0.6	0
133	Formation of zinc oxide particles in cetyltrimethylammonium-smectites. Applied Clay Science, 2015, 105-106, 236-242.	5.5	22
134	Photochromic Intercalation Compounds. Structure and Bonding, 2015, , 177-211.	0.0	20
135	Visible-Light-Responsive Photocatalytic Flow Reactor Composed of Titania Film Photosensitized by Metal Complex-Clay Hybrid. ACS Applied Materials & Interfaces, 2015, 7, 12631-12634.	8.1	31
136	Concentration of 2-phenylphenol by organoclays from aqueous sucrose solution. Applied Clay Science, 2015, 109-110, 64-67.	5.5	11
137	Preparation of metal sulfide mixtures in montmorillonite by solid-solid reactions. Applied Clay Science, 2015, 115, 248-253.	5.5	8
138	Preparation of copper oxide in smectites. Applied Clay Science, 2015, 104, 238-244.	5.5	20
139	Possible Roles of the Spatial Distribution of Organic Guest Species in Mesoporous Silicas to Control the Properties of the Hybrids. European Journal of Inorganic Chemistry, 2015, 2015, 1126-1136.	1.9	21
140	Functionalization of Layered Titanates. Journal of Nanoscience and Nanotechnology, 2014, 14, 2135-2147.	0.6	50
141	Lithium ion conductive behavior of TiO <sub>2</sub> nanotube/ionic liquid matrices. Nanoscale Research Letters, 2014, 9, 539.	4.1	3
142	Clay-bionanocomposites with sacran megamolecules for the selective uptake of neodymium. Journal of Materials Chemistry A, 2014, 2, 1391-1399.	9.3	35
143	Temperature-dependent photocatalytic hydrogen evolution activity from water on a dye-sensitized layered titanate. Physical Chemistry Chemical Physics, 2014, 16, 3520.	2.8	13
144	Direct Correlation between Nanostructure and Particle Morphology during Intercalation. Crystal Growth and Design, 2014, 14, 1516-1519.	3.5	24

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145	The effect of cetyltrimethylammonium ion and type of smectites on the luminescence efficiency of bis(8-hydroxyquinoline)zinc(II) complex. <i>Applied Clay Science</i> , 2014, 101, 223-228.	5.5	13
146	A controlled spatial distribution of functional units in the two dimensional nanospace of layered silicates and titanates. <i>Dalton Transactions</i> , 2014, 43, 10340-10354.	3.2	93
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153	Adsorption of cationic dyes within spherical particles of poly(N-isopropylacrylamide) hydrogel containing smectite. <i>Applied Clay Science</i> , 2013, 83-84, 469-473.	5.5	23
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158	Chemical Etching Route to Prepare Nanometer-size Spherical Titania-Octadecylamine Hybrid Particles. <i>Chemistry Letters</i> , 2012, 41, 479-481.	1.1	4
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