

Yasuo Ebina

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

140 papers	11,065 citations	61 h-index	104 g-index
148 ext. papers	11,857 ext. citations	8.9 avg, IF	6 L-index

#	Paper	IF	Citations
140	Propagating wave in a fluid by coherent motion of 2D colloids. <i>Nature Communications</i> , 2021 , 12, 6771	17.4	2
139	General Synthesis of Layered Rare-Earth Hydroxides (RE = Sm, Eu, Gd, Tb, Dy, Ho, Er, Y) and Direct Exfoliation into Monolayer Nanosheets with High Color Purity. <i>Journal of Physical Chemistry Letters</i> , 2021 , 12, 10135-10143	6.4	3
138	Exfoliated Ferrierite-Related Unilamellar Nanosheets in Solution and Their Use for Preparation of Mixed Zeolite Hierarchical Structures. <i>Journal of the American Chemical Society</i> , 2021 , 143, 11052-11062	16.4	5
137	Rational Assembly of Two-Dimensional Perovskite Nanosheets as Building Blocks for New Ferroelectrics. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 1783-1790	9.5	5
136	Three-in-one cathode host based on Nb ₃ O ₈ /graphene superlattice heterostructures for high-performance LiB batteries. <i>Journal of Materials Chemistry A</i> , 2021 , 9, 9952-9960	13	6
135	Construction of Multilayer Films and Superlattice- and Mosaic-like Heterostructures of 2D Metal Oxide Nanosheets via a Facile Spin-Coating Process. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 43258-43265	9.5	2
134	Liquid dispersions of zeolite monolayers with high catalytic activity prepared by soft-chemical exfoliation. <i>Science Advances</i> , 2020 , 6, eaay8163	14.3	18
133	A mechanically adaptive hydrogel with a reconfigurable network consisting entirely of inorganic nanosheets and water. <i>Nature Communications</i> , 2020 , 11, 6026	17.4	9
132	Single Droplet Assembly for Two-Dimensional Nanosheet Tiling. <i>ACS Nano</i> , 2020 , 14, 15216-15226	16.7	12
131	Scalable Design of Two-Dimensional Oxide Nanosheets for Construction of Ultrathin Multilayer Nanocapacitor. <i>Small</i> , 2020 , 16, e2003485	11	6
130	Photocharge Trapping in Two-Sheet Reduced Graphene Oxide//TiO ₂ Heterostructures and Their Photoreduction and Photomemory Applications. <i>ACS Applied Nano Materials</i> , 2019 , 2, 6378-6386	5.6	3
129	Tunable Chemical Coupling in Two-Dimensional van der Waals Electrostatic Heterostructures. <i>ACS Nano</i> , 2019 , 13, 11214-11223	16.7	7
128	Internal structure and mechanical property of an anisotropic hydrogel with electrostatic repulsion between nanosheets. <i>Polymer</i> , 2019 , 177, 43-48	3.9	5
127	Massive hydration-driven swelling of layered perovskite niobate crystals in aqueous solutions of organo-ammonium bases. <i>Dalton Transactions</i> , 2018 , 47, 3022-3028	4.3	5
126	Extra-Large Mechanical Anisotropy of a Hydrogel with Maximized Electrostatic Repulsion between Cofacially Aligned 2D Electrolytes. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 12508-12513	16.4	20
125	Extra-Large Mechanical Anisotropy of a Hydrogel with Maximized Electrostatic Repulsion between Cofacially Aligned 2D Electrolytes. <i>Angewandte Chemie</i> , 2018 , 130, 12688-12693	3.6	5
124	Spontaneous Direct Band Gap, High Hole Mobility, and Huge Exciton Energy in Atomic-Thin TiO ₂ Nanosheet. <i>Chemistry of Materials</i> , 2018 , 30, 6449-6457	9.6	31

123	Reversible Switching of the Magnetic Orientation of Titanate Nanosheets by Photochemical Reduction and Autoxidation. <i>Journal of the American Chemical Society</i> , 2018 , 140, 16396-16401	16.4	9
122	Monolayer Attachment of Metallic MoS ₂ on Restacked Titania Nanosheets for Efficient Photocatalytic Hydrogen Generation. <i>ACS Applied Energy Materials</i> , 2018 , 1, 6912-6918	6.1	12
121	An Anisotropic Hydrogel Actuator Enabling Earthworm-Like Directed Peristaltic Crawling. <i>Angewandte Chemie</i> , 2018 , 130, 15998-16002	3.6	27
120	An Anisotropic Hydrogel Actuator Enabling Earthworm-Like Directed Peristaltic Crawling. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 15772-15776	16.4	96
119	Layer-by-layer engineering of two-dimensional perovskite nanosheets for tailored microwave dielectrics. <i>Applied Physics Express</i> , 2017 , 10, 091501	2.4	10
118	Atomic Layer Engineering of High- ϵ Ferroelectricity in 2D Perovskites. <i>Journal of the American Chemical Society</i> , 2017 , 139, 10868-10874	16.4	35
117	Neat monolayer tiling of molecularly thin two-dimensional materials in 1 min. <i>Science Advances</i> , 2017 , 3, e1700414	14.3	41
116	High-temperature dielectric responses in all-nanosheet capacitors. <i>Japanese Journal of Applied Physics</i> , 2017 , 56, 06GH09	1.4	5
115	Photonic water dynamically responsive to external stimuli. <i>Nature Communications</i> , 2016 , 7, 12559	17.4	61
114	Hunting for Monolayer Oxide Nanosheets and Their Architectures. <i>Scientific Reports</i> , 2016 , 6, 19402	4.9	18
113	Coexistence of Magnetic Order and Ferroelectricity at 2D Nanosheet Interfaces. <i>Journal of the American Chemical Society</i> , 2016 , 138, 7621-5	16.4	41
112	EELS study of Fe- or Co-doped titania nanosheets. <i>Microscopy (Oxford, England)</i> , 2015 , 64, 77-85	1.3	3
111	Thermoresponsive actuation enabled by permittivity switching in an electrostatically anisotropic hydrogel. <i>Nature Materials</i> , 2015 , 14, 1002-7	27	402
110	Accordion-like swelling of layered perovskite crystals via massive permeation of aqueous solutions into 2D oxide galleries. <i>Chemical Communications</i> , 2015 , 51, 17068-71	5.8	33
109	Efficient photoinduced charge accumulation in reduced graphene oxide coupled with titania nanosheets to show highly enhanced and persistent conductance. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 11436-43	9.5	19
108	Artificial design for new ferroelectrics using nanosheet-architectonics concept. <i>Nanotechnology</i> , 2015 , 26, 244001	3.4	10
107	An anisotropic hydrogel with electrostatic repulsion between cofacially aligned nanosheets. <i>Nature</i> , 2015 , 517, 68-72	50.4	340
106	Tuning the surface charge of 2D oxide nanosheets and the bulk-scale production of superlattice-like composites. <i>Journal of the American Chemical Society</i> , 2015 , 137, 2844-7	16.4	56

105	Gigantic swelling of inorganic layered materials: a bridge to molecularly thin two-dimensional nanosheets. <i>Journal of the American Chemical Society</i> , 2014 , 136, 5491-500	16.4	109
104	All-nanosheet ultrathin capacitors assembled layer-by-layer via solution-based processes. <i>ACS Nano</i> , 2014 , 8, 2658-66	16.7	71
103	Controlled doping of semiconducting titania nanosheets for tailored spinelectronic materials. <i>Nanoscale</i> , 2014 , 6, 14227-36	7.7	32
102	Versatile van der Waals epitaxy-like growth of crystal films using two-dimensional nanosheets as a seed layer: orientation tuning of SrTiO ₃ films along three important axes on glass substrates. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 441-449	7.1	49
101	Bulk Functional Materials Design Using Oxide Nanosheets as Building Blocks: A New Upconversion Material Fabricated by Flocculation of Ca ₂ Nb ₃ O ₁₀ Nanosheets with Rare-Earth Ions. <i>Journal of Physical Chemistry C</i> , 2014 , 118, 1729-1738	3.8	16
100	High thermal robustness of molecularly thin perovskite nanosheets and implications for superior dielectric properties. <i>ACS Nano</i> , 2014 , 8, 5449-61	16.7	40
99	2D perovskite nanosheets with thermally-stable high- Γ -response: a new platform for high-temperature capacitors. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 19510-4	9.5	37
98	Soft-chemical exfoliation of RbSrNb ₂ O ₆ F into homogeneously unilamellar oxyfluoride nanosheets. <i>Inorganic Chemistry</i> , 2013 , 52, 415-22	5.1	10
97	New family of lanthanide-based inorganic-organic hybrid frameworks: Ln ₂ (OH) ₄ [O ₃ S(CH ₂) _n SO ₃] ₂ ·2H ₂ O (Ln = La, Ce, Pr, Nd, Sm; n = 3, 4) and their derivatives. <i>Inorganic Chemistry</i> , 2013 , 52, 1755-61	5.1	11
96	Photolatently modulable hydrogels using unilamellar titania nanosheets as photocatalytic crosslinkers. <i>Nature Communications</i> , 2013 , 4, 2029	17.4	69
95	Fabrication of ruthenium metal nanosheets via topotactic metallization of exfoliated ruthenate nanosheets. <i>Inorganic Chemistry</i> , 2013 , 52, 2280-2	5.1	29
94	Atomic structure of titania nanosheet with vacancies. <i>Scientific Reports</i> , 2013 , 3, 2801	4.9	45
93	Unusually stable ~100-fold reversible and instantaneous swelling of inorganic layered materials. <i>Nature Communications</i> , 2013 , 4, 1632	17.4	109
92	Photochromogenic nanosheet crystallites of tungstate with a 2D bronze structure. <i>Inorganic Chemistry</i> , 2012 , 51, 1540-3	5.1	28
91	Synthesis and In Situ X-ray Diffraction Characterization of Two-Dimensional Perovskite-Type Oxide Colloids with a Controlled Molecular Thickness. <i>Chemistry of Materials</i> , 2012 , 24, 4201-4208	9.6	63
90	Electronic Band Structure of Exfoliated Titanium- and/or Niobium-Based Oxide Nanosheets Probed by Electrochemical and Photoelectrochemical Measurements. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 12426-12433	3.8	69
89	Synthesis and Atomic Characterization of a Ti ₂ O ₃ Nanosheet. <i>Journal of Physical Chemistry Letters</i> , 2011 , 2, 1820-1823	6.4	23
88	Controlled Polarizability of One-Nanometer-Thick Oxide Nanosheets for Tailored, High- ϵ Nanodielectrics. <i>Advanced Functional Materials</i> , 2011 , 21, 3482-3487	15.6	65

87	Synthesis and characterization of water-swellaable LDH (layered double hydroxide) hybrids containing sulfonate-type intercalant. <i>Journal of Materials Chemistry</i> , 2011 , 21, 8085		79
86	Titanoniobate and niobate nanosheet photocatalysts: superior photoinduced hydrophilicity and enhanced thermal stability of unilamellar Nb ₃ O ₈ nanosheet. <i>Energy and Environmental Science</i> , 2011 , 4, 535-542	35.4	61
85	X-ray Diffraction Study on Restacked Flocculates from Binary Colloidal Nanosheet Systems Ti _{0.91} O ₂ ·MnO ₂ , Ca ₂ Nb ₃ O ₁₀ ·Ti _{0.91} O ₂ , and Ca ₂ Nb ₃ O ₁₀ ·MnO ₂ . <i>Journal of Physical Chemistry C</i> , 2011 , 115, 8555-8566	3.8	10
84	Solution-Based Fabrication of Perovskite Multilayers and Superlattices Using Nanosheet Process. <i>Japanese Journal of Applied Physics</i> , 2011 , 50, 09NA10	1.4	5
83	A bona fide two-dimensional percolation model: an insight into the optimum photoactivator concentration in La Eu TaO nanosheets. <i>Science and Technology of Advanced Materials</i> , 2011 , 12, 044601	7.1	4
82	Solution-Based Fabrication of Perovskite Multilayers and Superlattices Using Nanosheet Process. <i>Japanese Journal of Applied Physics</i> , 2011 , 50, 09NA10	1.4	9
81	A-Site-Modified Perovskite Nanosheets and Their Integration into High- ϵ Dielectric Thin Films with a Clean Interface. <i>Japanese Journal of Applied Physics</i> , 2010 , 49, 09MA01	1.4	10
80	Impact of perovskite layer stacking on dielectric responses in KCa ₂ Nan ₁ NbnO _{3n+1} (n=3-8) DionJacobson homologous series. <i>Applied Physics Letters</i> , 2010 , 96, 182903	3.4	20
79	Ln ₂ (OH) ₄ SO ₄ ·nH ₂ O (Ln = Pr to Tb; n ~ 2): A New Family of Layered Rare-Earth Hydroxides Rigidly Pillared by Sulfate Ions. <i>Chemistry of Materials</i> , 2010 , 22, 6001-6007	9.6	91
78	Topochemical Synthesis, Anion Exchange, and Exfoliation of Co ₂ Ni Layered Double Hydroxides: A Route to Positively Charged Co ₂ Ni Hydroxide Nanosheets with Tunable Composition. <i>Chemistry of Materials</i> , 2010 , 22, 371-378	9.6	280
77	Robust high- ϵ response in molecularly thin perovskite nanosheets. <i>ACS Nano</i> , 2010 , 4, 5225-32	16.7	125
76	Engineered interfaces of artificial perovskite oxide superlattices via nanosheet deposition process. <i>ACS Nano</i> , 2010 , 4, 6673-80	16.7	128
75	Fabrication of Anatase Thin Film with Perfect c-Axis Orientation on Glass Substrate Promoted by a Two-Dimensional Perovskite Nanosheet Seed Layer. <i>Crystal Growth and Design</i> , 2010 , 10, 3787-3793	3.5	25
74	Layer-by-Layer Assembly of TaO ₃ Nanosheet/Polycation Composite Nanostructures: Multilayer Film, Hollow Sphere, and Its Photocatalytic Activity for Hydrogen Evolution. <i>Chemistry of Materials</i> , 2010 , 22, 2582-2587	9.6	71
73	Solution-Based Fabrication of Perovskite Nanosheet Films and Their Dielectric Properties. <i>Japanese Journal of Applied Physics</i> , 2009 , 48, 09KA15	1.4	12
72	Solution-Based Fabrication of High-k Dielectrics Using Oxide Nanosheets. <i>ECS Transactions</i> , 2009 , 25, 349-352	1	
71	Simulation of the powder diffraction pattern of randomly restacked Ca ₂ Nb ₃ O ₁₀ nanosheets. <i>Journal of Applied Crystallography</i> , 2009 , 42, 1062-1067	3.8	5
70	Structural study of photoinduced hydrophilicity of titania nanosheet film. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2009 , 161, 12-15	3.1	10

69	Enhancement of Host Excitation-Mediated Photoluminescence and Preferential Quenching of Direct Photoactivator Excitation-Mediated Photoluminescence by Exfoliation of Layered $\text{KLa}_0.90\text{Sm}_0.05\text{Nb}_2\text{O}_7$ into $\text{La}_0.90\text{Sm}_0.05\text{Nb}_2\text{O}_7$ Nanosheets. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 8735-8742	3.8	26
68	Synthesis of Mn-Substituted Titania Nanosheets and Ferromagnetic Thin Films with Controlled Doping. <i>Chemistry of Materials</i> , 2009 , 21, 4366-4373	9.6	54
67	Construction of highly ordered lamellar nanostructures through Langmuir-Blodgett deposition of molecularly thin titania nanosheets tens of micrometers wide and their excellent dielectric properties. <i>ACS Nano</i> , 2009 , 3, 1097-106	16.7	156
66	Highly Swollen Layered Nickel Oxide with a Trilayer Hydrate Structure. <i>Chemistry of Materials</i> , 2008 , 20, 479-485	9.6	37
65	Hetero-nanostructured Films of Titanium and Manganese Oxide Nanosheets: Photoinduced Charge Transfer and Electrochemical Properties. <i>Journal of Physical Chemistry C</i> , 2008 , 112, 5197-5202	3.8	61
64	Exfoliated nanosheet crystallite of cesium tungstate with 2D pyrochlore structure: synthesis, characterization, and photochromic properties. <i>ACS Nano</i> , 2008 , 2, 1689-95	16.7	122
63	($\text{K}_{1.5}\text{Eu}_{0.5}$) Ta_3O_{10} : A Far-Red Luminescent Nanosheet Phosphor with the Double Perovskite Structure. <i>Journal of Physical Chemistry C</i> , 2008 , 112, 17115-17120	3.8	41
62	Gigantic magneto-optical effects induced by (Fe Ti)-cosubstitution in titania nanosheets. <i>Applied Physics Letters</i> , 2008 , 92, 253110	3.4	42
61	Water-swellable MgAl-LDH (layered double hydroxide) hybrids: synthesis, characterization, and film preparation. <i>Langmuir</i> , 2008 , 24, 5591-8	4	116
60	$\text{Eu}_{0.56}\text{Ta}_2\text{O}_7$: A New Nanosheet Phosphor with the High Intrananosheet Site Photoactivator Concentration. <i>Journal of Physical Chemistry C</i> , 2008 , 112, 1312-1315	3.8	48
59	Ferromagnetic Properties in Co-Substituted Titania Nanosheets. <i>Key Engineering Materials</i> , 2008 , 388, 119-122	0.4	
58	LangmuirBlodgett Fabrication of Nanosheet-Based Dielectric Films without an Interfacial Dead Layer. <i>Japanese Journal of Applied Physics</i> , 2008 , 47, 7556-7560	1.4	23
57	One-Nanometer-Thick Seed Layer of Unilamellar Nanosheets Promotes Oriented Growth of Oxide Crystal Films. <i>Advanced Materials</i> , 2008 , 20, 231-235	24	89
56	Electrochemical and photoelectrochemical study on exfoliated Nb_3O_8 nanosheet. <i>Journal of Physics and Chemistry of Solids</i> , 2008 , 69, 1288-1291	3.9	35
55	Photocatalytic properties of titania nanostructured films fabricated from Titania nanosheets. <i>Physical Chemistry Chemical Physics</i> , 2007 , 9, 2413-20	3.6	88
54	Preparation and Characterization of the Eu^{3+} Doped Perovskite Nanosheet Phosphor: $\text{La}_{0.90}\text{Eu}_{0.05}\text{Nb}_2\text{O}_7$. <i>Chemistry of Materials</i> , 2007 , 19, 6575-6580	9.6	113
53	Solution-Based Fabrication of High- κ Dielectric Nanofilms Using Titania Nanosheets as a Building Block. <i>Japanese Journal of Applied Physics</i> , 2007 , 46, 6979-6983	1.4	9
52	Unusual crystallization behaviors of anatase nanocrystallites from a molecularly thin titania nanosheet and its stacked forms: increase in nucleation temperature and oriented growth. <i>Journal of the American Chemical Society</i> , 2007 , 129, 202-9	16.4	110

51	Synthesis and Delamination of Layered Manganese Oxide Nanobelts. <i>Chemistry of Materials</i> , 2007 , 19, 6504-6512	9.6	131
50	Colloidal unilamellar layers of tantalum oxide with open channels. <i>Inorganic Chemistry</i> , 2007 , 46, 4787-9	5.1	89
49	Magneto-Optical Effects in Superlattice Assemblies of Ferromagnetic Nanosheets. <i>Key Engineering Materials</i> , 2007 , 350, 15-18	0.4	2
48	Fabrication and Electrochemical Characterization of Molecularly Alternating Self-Assembled Films and Capsules of Titania Nanosheets and Gold Nanoparticles. <i>Current Nanoscience</i> , 2007 , 3, 155-160	1.4	7
47	Layer-by-layer assembly and spontaneous flocculation of oppositely charged oxide and hydroxide nanosheets into inorganic sandwich layered materials. <i>Journal of the American Chemical Society</i> , 2007 , 129, 8000-7	16.4	264
46	General synthesis and delamination of highly crystalline transition-metal-bearing layered double hydroxides. <i>Langmuir</i> , 2007 , 23, 861-7	4	215
45	Photoelectrochemical properties of alternating multilayer films composed of titania nanosheets and Zn porphyrin. <i>Langmuir</i> , 2007 , 23, 6730-6	4	80
44	High-Dielectric Nanofilms Fabricated from Titania Nanosheets. <i>Advanced Materials</i> , 2006 , 18, 1023-1027	24	184
43	Gigantic Magneto-Optical Effects in Multilayer Assemblies of Two-Dimensional Titania Nanosheets. <i>Advanced Materials</i> , 2006 , 18, 295-299	24	129
42	Multilayer Hybrid Films of Titania Semiconductor Nanosheet and Silver Metal Fabricated via Layer-by-Layer Self-Assembly and Subsequent UV Irradiation. <i>Chemistry of Materials</i> , 2006 , 18, 1235-1239	9.6	79
41	Photoinduced hydrophilic conversion properties of titania nanosheets. <i>Journal of Physical Chemistry B</i> , 2006 , 110, 6198-203	3.4	58
40	Layer-by-Layer Assembled TiO ₂ Nanoparticle/PEDOT-PSS Composite Films for Switching of Electric Conductivity in Response to Ultraviolet and Visible Light. <i>Chemistry of Materials</i> , 2006 , 18, 3596-3598	9.6	68
39	Thermally stable luminescent composites fabricated by confining rare earth complexes in the two-dimensional gallery of titania nanosheets and their photophysical properties. <i>Journal of Physical Chemistry B</i> , 2006 , 110, 9863-8	3.4	42
38	Hollow nanoshell of layered double hydroxide. <i>Chemical Communications</i> , 2006 , 3125-7	5.8	152
37	Synthesis, anion exchange, and delamination of Co-Al layered double hydroxide: assembly of the exfoliated nanosheet/polyanion composite films and magneto-optical studies. <i>Journal of the American Chemical Society</i> , 2006 , 128, 4872-80	16.4	1025
36	Structure analysis of exfoliated unilamellar crystallites of manganese oxide nanosheets. <i>Journal of Physical Chemistry B</i> , 2006 , 110, 17070-5	3.4	43
35	Tetrahedral Co(II) coordination in alpha-type cobalt hydroxide: Rietveld refinement and X-ray absorption spectroscopy. <i>Inorganic Chemistry</i> , 2006 , 45, 3964-9	5.1	162
34	Fabrication of densely packed titania nanosheet films on solid surface by use of Langmuir-Blodgett deposition method without amphiphilic additives. <i>Langmuir</i> , 2005 , 21, 6590-5	4	132

33	Inorganic Multilayer Films of Manganese Oxide Nanosheets and Aluminum Polyoxocations: Fabrication, Structure, and Electrochemical Behavior. <i>Chemistry of Materials</i> , 2005 , 17, 1352-1357	9.6	89
32	Photocatalyst of lamellar aggregates of RuO _x -loaded perovskite nanosheets for overall water splitting. <i>Journal of Physical Chemistry B</i> , 2005 , 109, 17212-6	3.4	131
31	Positively Charged Nanosheets Derived via Total Delamination of Layered Double Hydroxides. <i>Chemistry of Materials</i> , 2005 , 17, 4386-4391	9.6	444
30	Photocurrent generation from semiconducting manganese oxide nanosheets in response to visible light. <i>Journal of Physical Chemistry B</i> , 2005 , 109, 9651-5	3.4	166
29	Fabrication of Multilayer Ultrathin Films through Layer-By-Layer Assembly of Delaminated MnO ₂ Nanosheets and Polyelectrolytes 2005 , 135-142		
28	Synthesis and soft-chemical reactivity of layered potassium cobalt oxide. <i>Solid State Ionics</i> , 2005 , 176, 2367-2370	3.3	17
27	Electrochromic Films Composed of MnO ₂ Nanosheets with Controlled Optical Density and High Coloration Efficiency. <i>Journal of the Electrochemical Society</i> , 2005 , 152, E384	3.9	66
26	Highly Organized Self-Assembled Monolayer and Multilayer Films of Titania Nanosheets. <i>Advanced Materials</i> , 2004 , 16, 872-875	24	82
25	A New Mesoporous Manganese Oxide Pillared with Double Layers of Alumina. <i>Advanced Materials</i> , 2004 , 16, 1412-1416	24	54
24	Electronic band structure of titania semiconductor nanosheets revealed by electrochemical and photoelectrochemical studies. <i>Journal of the American Chemical Society</i> , 2004 , 126, 5851-8	16.4	468
23	Photoluminescence properties of lamellar aggregates of titania nanosheets accommodating rare earth ions. <i>Applied Physics Letters</i> , 2004 , 85, 4187-4189	3.4	61
22	Nanoarchitecture of Semiconductor Titania Nanosheets Revealed by Polarization-Dependent Total Reflection Fluorescence X-ray Absorption Fine Structure. <i>Journal of Physical Chemistry B</i> , 2004 , 108, 13088-13092	3.4	69
21	Ultrathin Films and Hollow Shells with Pillared Architectures Fabricated via Layer-by-Layer Self-Assembly of Titania Nanosheets and Aluminum Keggin Ions. <i>Journal of Physical Chemistry B</i> , 2004 , 108, 4283-4288	3.4	78
20	Ultrathin hollow nanoshells of manganese oxide. <i>Chemical Communications</i> , 2004 , 1074-5	5.8	80
19	Fabrication and Characterization of Multilayer Ultrathin Films of Exfoliated MnO ₂ Nanosheets and Polycations. <i>Chemistry of Materials</i> , 2003 , 15, 2873-2878	9.6	159
18	Oversized Titania Nanosheet Crystallites Derived from Flux-Grown Layered Titanate Single Crystals. <i>Chemistry of Materials</i> , 2003 , 15, 3564-3568	9.6	198
17	Structural Characterization of (TBA, H)Ca ₂ Nb ₃ O ₁₀ Nanosheets Formed by Delamination of a Precursor-Layered Perovskite. <i>Journal of Physical Chemistry B</i> , 2003 , 107, 9638-9645	3.4	35
16	Stacking-fault pyramids formed in perovskite-type niobate nanosheet aggregates under electron irradiation. <i>Philosophical Magazine Letters</i> , 2003 , 83, 367-373	1	1

15	In-Situ Transmission Electron Microscopic Study of Perovskite-type Niobate Nanosheets under Electron-Irradiation and Heating. <i>Journal of Physical Chemistry B</i> , 2003 , 107, 6698-6703	3.4	10
14	Inorganic Multilayer Assembly of Titania Semiconductor Nanosheets and Ru Complexes. <i>Langmuir</i> , 2003 , 19, 9534-9537	4	15
13	Self-Assembled Multilayers of Titania Nanoparticles and Nanosheets with Polyelectrolytes. <i>Chemistry of Materials</i> , 2003 , 15, 807-812	9.6	93
12	Preparation and characterizations of Fe- or Ni-substituted titania nanosheets as photocatalysts. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2002 , 148, 273-276	4.7	65
11	Study on exfoliation of layered perovskite-type niobates. <i>Solid State Ionics</i> , 2002 , 151, 177-182	3.3	144
10	Restacked Perovskite Nanosheets and Their Pt-Loaded Materials as Photocatalysts. <i>Chemistry of Materials</i> , 2002 , 14, 4390-4395	9.6	225
9	Fabrication of Controllable Ultrathin Hollow Shells by Layer-by-Layer Assembly of Exfoliated Titania Nanosheets on Polymer Templates. <i>Chemistry of Materials</i> , 2002 , 14, 4827-4832	9.6	175
8	Titania Nanostructured Films Derived from a Titania Nanosheet/Polycation Multilayer Assembly via Heat Treatment and UV Irradiation. <i>Chemistry of Materials</i> , 2002 , 14, 3524-3530	9.6	123
7	Layer-by-Layer Assembly of Titania Nanosheet/Polycation Composite Films. <i>Chemistry of Materials</i> , 2001 , 13, 4661-4667	9.6	314
6	Two-Dimensional Diffraction of Molecular Nanosheet Crystallites of Titanium Oxide. <i>Journal of Physical Chemistry B</i> , 2001 , 105, 6116-6121	3.4	192
5	Multilayer ultrathin films of molecular titania nanosheets showing highly efficient UV-light absorption. <i>Chemical Communications</i> , 2000 , 2163-2164	5.8	107
4	Preparation of Silica Pillared Ca ₂ Nb ₃ O ₁₀ and Its Photocatalytic Activity. <i>Chemistry of Materials</i> , 1996 , 8, 2534-2538	9.6	91
3	Preparation of a SiO ₂ -Pillared K _{0.8} Fe _{0.8} Ti _{1.2} O ₄ and IR Study of N ₂ Adsorption. <i>The Journal of Physical Chemistry</i> , 1995 , 99, 16043-16046		28
2	Ion exchangeable layered niobates as a noble series of photocatalysts. <i>Research on Chemical Intermediates</i> , 1994 , 20, 895-908	2.8	16
1	.gamma.-Selective cross-coupling reaction of allyltrifluorosilanes: a new approach to regiochemical control in allylic systems. <i>Journal of the American Chemical Society</i> , 1991 , 113, 7075-7076	16.4	62