Yasuo Ebina

List of Publications by Citations

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	Synthesis, anion exchange, and delamination of Co-Al layered double hydroxide: assembly of the exfoliated nanosheet/polyanion composite films and magneto-optical studies. *Journal of the American Chemical Society*, **2006**, 128, 4872-80	16.4	1025
139	Electronic band structure of titania semiconductor nanosheets revealed by electrochemical and photoelectrochemical studies. *Journal of the American Chemical Society*, **2004**, 126, 5851-8	16.4	468
138	Positively Charged Nanosheets Derived via Total Delamination of Layered Double Hydroxides. *Chemistry of Materials*, **2005**, 17, 4386-4391	9.6	444
137	Thermoresponsive actuation enabled by permittivity switching in an electrostatically anisotropic hydrogel. *Nature Materials*, **2015**, 14, 1002-7	27	402
136	An anisotropic hydrogel with electrostatic repulsion between cofacially aligned nanosheets. *Nature* , **2015**, 517, 68-72	50.4	340
135	Layer-by-Layer Assembly of Titania Nanosheet/Polycation Composite Films. *Chemistry of Materials*, **2001**, 13, 4661-4667	9.6	314
134	Topochemical Synthesis, Anion Exchange, and Exfoliation of Co□Ni Layered Double Hydroxides: A Route to Positively Charged Co□Ni Hydroxide Nanosheets with Tunable Composition. *Chemistry of Materials*, **2010**, 22, 371-378	9.6	280
133	Layer-by-layer assembly and spontaneous flocculation of oppositely charged oxide and hydroxide nanosheets into inorganic sandwich layered materials. *Journal of the American Chemical Society*, **2007**, 129, 8000-7	16.4	264
132	Restacked Perovskite Nanosheets and Their Pt-Loaded Materials as Photocatalysts. *Chemistry of Materials*, **2002**, 14, 4390-4395	9.6	225
131	General synthesis and delamination of highly crystalline transition-metal-bearing layered double hydroxides. *Langmuir*, **2007**, 23, 861-7	4	215
130	Oversized Titania Nanosheet Crystallites Derived from Flux-Grown Layered Titanate Single Crystals. *Chemistry of Materials*, **2003**, 15, 3564-3568	9.6	198
129	Two-Dimensional Diffraction of Molecular Nanosheet Crystallites of Titanium Oxide. *Journal of Physical Chemistry B*, **2001**, 105, 6116-6121	3.4	192
128	High-□Dielectric Nanofilms Fabricated from Titania Nanosheets. *Advanced Materials*, **2006**, 18, 1023-1027	24	184
127	Fabrication of Controllable Ultrathin Hollow Shells by Layer-by-Layer Assembly of Exfoliated Titania Nanosheets on Polymer Templates. *Chemistry of Materials*, **2002**, 14, 4827-4832	9.6	175
126	Photocurrent generation from semiconducting manganese oxide nanosheets in response to visible light. *Journal of Physical Chemistry B*, **2005**, 109, 9651-5	3.4	166
125	Tetrahedral Co(II) coordination in alpha-type cobalt hydroxide: Rietveld refinement and X-ray absorption spectroscopy. *Inorganic Chemistry*, **2006**, 45, 3964-9	5.1	162
124	Fabrication and Characterization of Multilayer Ultrathin Films of Exfoliated MnO2 Nanosheets and Polycations. *Chemistry of Materials*, **2003**, 15, 2873-2878	9.6	159

123	Construction of highly ordered lamellar nanostructures through Langmuir-Blodgett deposition of molecularly thin titania nanosheets tens of micrometers wide and their excellent dielectric properties. *ACS Nano*, **2009**, 3, 1097-106	16.7	156
122	Hollow nanoshell of layered double hydroxide. *Chemical Communications*, **2006**, 3125-7	5.8	152
121	Study on exfoliation of layered perovskite-type niobates. *Solid State Ionics*, **2002**, 151, 177-182	3.3	144
120	Fabrication of densely packed titania nanosheet films on solid surface by use of Langmuir-Blodgett deposition method without amphiphilic additives. *Langmuir*, **2005**, 21, 6590-5	4	132
119	Synthesis and Delamination of Layered Manganese Oxide Nanobelts. *Chemistry of Materials*, **2007**, 19, 6504-6512	9.6	131
118	Photocatalyst of lamellar aggregates of RuOx-loaded perovskite nanosheets for overall water splitting. *Journal of Physical Chemistry B*, **2005**, 109, 17212-6	3.4	131
117	Gigantic Magneto□Optical Effects in Multilayer Assemblies of Two-Dimensional□Titania Nanosheets. *Advanced Materials*, **2006**, 18, 295-299	24	129
116	Engineered interfaces of artificial perovskite oxide superlattices via nanosheet deposition process. *ACS Nano*, **2010**, 4, 6673-80	16.7	128
115	Robust high-□response in molecularly thin perovskite nanosheets. *ACS Nano*, **2010**, 4, 5225-32	16.7	125
114	Titania Nanostructured Films Derived from a Titania Nanosheet/Polycation Multilayer Assembly via Heat Treatment and UV Irradiation. *Chemistry of Materials*, **2002**, 14, 3524-3530	9.6	123
113	Exfoliated nanosheet crystallite of cesium tungstate with 2D pyrochlore structure: synthesis, characterization, and photochromic properties. *ACS Nano*, **2008**, 2, 1689-95	16.7	122
112	Water-swellable MgAl-LDH (layered double hydroxide) hybrids: synthesis, characterization, and film preparation. *Langmuir*, **2008**, 24, 5591-8	4	116
111	Preparation and Characterization of the Eu3+ Doped Perovskite Nanosheet Phosphor: La0.90Eu0.05Nb2O7. *Chemistry of Materials*, **2007**, 19, 6575-6580	9.6	113
110	Unusual crystallization behaviors of anatase nanocrystallites from a molecularly thin titania nanosheet and its stacked forms: increase in nucleation temperature and oriented growth. *Journal of the American Chemical Society*, **2007**, 129, 202-9	16.4	110
109	Gigantic swelling of inorganic layered materials: a bridge to molecularly thin two-dimensional nanosheets. *Journal of the American Chemical Society*, **2014**, 136, 5491-500	16.4	109
108	Unusually stable ~100-fold reversible and instantaneous swelling of inorganic layered materials. *Nature Communications*, **2013**, 4, 1632	17.4	109
107	Multilayer ultrathin films of molecular titania nanosheets showing highly efficient UV-light absorption. *Chemical Communications*, **2000**, 2163-2164	5.8	107
106	An Anisotropic Hydrogel Actuator Enabling Earthworm-Like Directed Peristaltic Crawling. *Angewandte Chemie - International Edition*, **2018**, 57, 15772-15776	16.4	96

105	Self-Assembled Multilayers of Titania Nanoparticles and Nanosheets with Polyelectrolytes. *Chemistry of Materials*, **2003**, 15, 807-812	9.6	93
104	Ln2(OH)4SO4□hH2O (Ln = Pr to Tb; n ~ 2): A New Family of Layered Rare-Earth Hydroxides Rigidly Pillared by Sulfate Ions. *Chemistry of Materials*, **2010**, 22, 6001-6007	9.6	91
103	Preparation of Silica Pillared Ca2Nb3O10 and Its Photocatalytic Activity. *Chemistry of Materials*, **1996**, 8, 2534-2538	9.6	91
102	Colloidal unilamellar layers of tantalum oxide with open channels. *Inorganic Chemistry*, **2007**, 46, 4787-9	5.1	89
101	One-Nanometer-Thick Seed Layer of Unilamellar Nanosheets Promotes Oriented Growth of Oxide Crystal Films. *Advanced Materials*, **2008**, 20, 231-235	24	89
100	Inorganic Multilayer Films of Manganese Oxide Nanosheets and Aluminum Polyoxocations: Fabrication, Structure, and Electrochemical Behavior. *Chemistry of Materials*, **2005**, 17, 1352-1357	9.6	89
99	Photocatalytic properties of titania nanostructured films fabricated from Titania nanosheets. *Physical Chemistry Chemical Physics*, **2007**, 9, 2413-20	3.6	88
98	Highly Organized Self-Assembled Monolayer and Multilayer Films of Titania Nanosheets. *Advanced Materials*, **2004**, 16, 872-875	24	82
97	Photoelectrochemical properties of alternating multilayer films composed of titania nanosheets and Zn porphyrin. *Langmuir*, **2007**, 23, 6730-6	4	80
96	Ultrathin hollow nanoshells of manganese oxide. *Chemical Communications*, **2004**, 1074-5	5.8	80
95	Synthesis and characterization of water-swellable LDH (layered double hydroxide) hybrids containing sulfonate-type intercalant. *Journal of Materials Chemistry*, **2011**, 21, 8085		79
94	Multilayer Hybrid Films of Titania Semiconductor Nanosheet and Silver Metal Fabricated via Layer-by-Layer Self-Assembly and Subsequent UV Irradiation. *Chemistry of Materials*, **2006**, 18, 1235-1239	9.6	79
93	Ultrathin Films and Hollow Shells with Pillared Architectures Fabricated via Layer-by-Layer Self-Assembly of Titania Nanosheets and Aluminum Keggin Ions. *Journal of Physical Chemistry B*, **2004**, 108, 4283-4288	3.4	78
92	All-nanosheet ultrathin capacitors assembled layer-by-layer via solution-based processes. *ACS Nano* , **2014**, 8, 2658-66	16.7	71
91	Layer-by-Layer Assembly of TaO3 Nanosheet/Polycation Composite Nanostructures: Multilayer Film, Hollow Sphere, and Its Photocatalytic Activity for Hydrogen Evolution. *Chemistry of Materials*, **2010**, 22, 2582-2587	9.6	71
90	Electronic Band Structure of Exfoliated Titanium- and/or Niobium-Based Oxide Nanosheets Probed by Electrochemical and Photoelectrochemical Measurements. *Journal of Physical Chemistry C*, **2012**, 116, 12426-12433	3.8	69
89	Photolatently modulable hydrogels using unilamellar titania nanosheets as photocatalytic crosslinkers. *Nature Communications*, **2013**, 4, 2029	17.4	69
88	Layer-by-Layer Assembled TiO2Nanoparticle/PEDOT-PSS Composite Films for Switching of Electric Conductivity in Response to Ultraviolet and Visible Light. *Chemistry of Materials*, **2006**, 18, 3596-3598	9.6	68

87	Electrochromic Films Composed of MnO[sub 2] Nanosheets with Controlled Optical Density and High Coloration Efficiency. *Journal of the Electrochemical Society*, **2005**, 152, E384	3.9	66
86	Controlled Polarizability of One-Nanometer-Thick Oxide Nanosheets for Tailored, High-□ Nanodielectrics. *Advanced Functional Materials*, **2011**, 21, 3482-3487	15.6	65
85	Preparation and characterizations of Fe- or Ni-substituted titania nanosheets as photocatalysts. *Journal of Photochemistry and Photobiology A: Chemistry*, **2002**, 148, 273-276	4.7	65
84	Synthesis and In Situ X-ray Diffraction Characterization of Two-Dimensional Perovskite-Type Oxide Colloids with a Controlled Molecular Thickness. *Chemistry of Materials*, **2012**, 24, 4201-4208	9.6	63
83	.gamma.-Selective cross-coupling reaction of allyltrifluorosilanes: a new approach to regiochemical control in allylic systems. *Journal of the American Chemical Society*, **1991**, 113, 7075-7076	16.4	62
82	Photonic water dynamically responsive to external stimuli. *Nature Communications*, **2016**, 7, 12559	17.4	61
81	Titanoniobate and niobate nanosheet photocatalysts: superior photoinduced hydrophilicity and enhanced thermal stability of unilamellar Nb3O8 nanosheet. *Energy and Environmental Science*, **2011**, 4, 535-542	35.4	61
80	Hetero-nanostructured Films of Titanium and Manganese Oxide Nanosheets: Photoinduced Charge Transfer and Electrochemical Properties. *Journal of Physical Chemistry C*, **2008**, 112, 5197-5202	3.8	61
79	Photoluminescence properties of lamellar aggregates of titania nanosheets accommodating rare earth ions. *Applied Physics Letters*, **2004**, 85, 4187-4189	3.4	61
78	Nanoarchitecture of Semiconductor Titania Nanosheets Revealed by Polarization-Dependent Total Reflection Fluorescence X-ray Absorption Fine Structure. *Journal of Physical Chemistry B*, **2004**, 108, 13088-13092	3.4	60
77	Photoinduced hydrophilic conversion properties of titania nanosheets. *Journal of Physical Chemistry B*, **2006**, 110, 6198-203	3.4	58
76	Tuning the surface charge of 2D oxide nanosheets and the bulk-scale production of superlatticelike composites. *Journal of the American Chemical Society*, **2015**, 137, 2844-7	16.4	56
75	Synthesis of Mn-Substituted Titania Nanosheets and Ferromagnetic Thin Films with Controlled Doping. *Chemistry of Materials*, **2009**, 21, 4366-4373	9.6	54
74	A New Mesoporous Manganese Oxide Pillared with Double Layers of Alumina. *Advanced Materials*, **2004**, 16, 1412-1416	24	54
73	Versatile van der Waals epitaxy-like growth of crystal films using two-dimensional nanosheets as a seed layer: orientation tuning of SrTiO3 films along three important axes on glass substrates. *Journal of Materials Chemistry C*, **2014**, 2, 441-449	7.1	49
72	Eu0.56Ta2O7: A New Nanosheet Phosphor with the High Intrananosheet Site Photoactivator Concentration. *Journal of Physical Chemistry C*, **2008**, 112, 1312-1315	3.8	48
71	Atomic structure of titania nanosheet with vacancies. *Scientific Reports*, **2013**, 3, 2801	4.9	45
70	Structure analysis of exfoliated unilamellar crystallites of manganese oxide nanosheets. *Journal of Physical Chemistry B*, **2006**, 110, 17070-5	3.4	43

69	Gigantic magneto-optical effects induced by (Fe,Co)-cosubstitution in titania nanosheets. *Applied Physics Letters*, **2008**, 92, 253110	3.4	42
68	Thermally stable luminescent composites fabricated by confining rare earth complexes in the two-dimensional gallery of titania nanosheets and their photophysical properties. *Journal of Physical Chemistry B*, **2006**, 110, 9863-8	3.4	42
67	Coexistence of Magnetic Order and Ferroelectricity at 2D Nanosheet Interfaces. *Journal of the American Chemical Society*, **2016**, 138, 7621-5	16.4	41
66	Neat monolayer tiling of molecularly thin two-dimensional materials in 1 min. *Science Advances*, **2017**, 3, e1700414	14.3	41
65	(K1.5Eu0.5)Ta3O10: A Far-Red Luminescent Nanosheet Phosphor with the Double Perovskite Structure. *Journal of Physical Chemistry C*, **2008**, 112, 17115-17120	3.8	41
64	High thermal robustness of molecularly thin perovskite nanosheets and implications for superior dielectric properties. *ACS Nano*, **2014**, 8, 5449-61	16.7	40
63	2D perovskite nanosheets with thermally-stable high-response: a new platform for high-temperature capacitors. *ACS Applied Materials & Interfaces*, **2014**, 6, 19510-4	9.5	37
62	Highly Swollen Layered Nickel Oxide with a Trilayer Hydrate Structure. *Chemistry of Materials*, **2008**, 20, 479-485	9.6	37
61	Atomic Layer Engineering of High-Ferroelectricity in 2D Perovskites. *Journal of the American Chemical Society*, **2017**, 139, 10868-10874	16.4	35
60	Electrochemical and photoelectrochemical study on exfoliated Nb3O8 nanosheet. *Journal of Physics and Chemistry of Solids*, **2008**, 69, 1288-1291	3.9	35
59	Structural Characterization of (TBA, H)Ca2Nb3O10 Nanosheets Formed by Delamination of a Precursor-Layered Perovskite. *Journal of Physical Chemistry B*, **2003**, 107, 9638-9645	3.4	35
58	Accordion-like swelling of layered perovskite crystals via massive permeation of aqueous solutions into 2D oxide galleries. *Chemical Communications*, **2015**, 51, 17068-71	5.8	33
57	Controlled doping of semiconducting titania nanosheets for tailored spinelectronic materials. *Nanoscale*, **2014**, 6, 14227-36	7.7	32
56	Spontaneous Direct Band Gap, High Hole Mobility, and Huge Exciton Energy in Atomic-Thin TiO2 Nanosheet. *Chemistry of Materials*, **2018**, 30, 6449-6457	9.6	31
55	Fabrication of ruthenium metal nanosheets via topotactic metallization of exfoliated ruthenate nanosheets. *Inorganic Chemistry*, **2013**, 52, 2280-2	5.1	29
54	Photochromogenic nanosheet crystallites of tungstate with a 2D bronze structure. *Inorganic Chemistry*, **2012**, 51, 1540-3	5.1	28
53	Preparation of a SiO2-Pillared K0.8Fe0.8Ti1.2O4 and IR Study of N2 Adsorption. *The Journal of Physical Chemistry*, **1995**, 99, 16043-16046		28
52	An Anisotropic Hydrogel Actuator Enabling Earthworm-Like Directed Peristaltic Crawling. *Angewandte Chemie*, **2018**, 130, 15998-16002	3.6	27

51	Enhancement of Host Excitation-Mediated Photoluminescence and Preferential Quenching of Direct Photoactivator Excitation-Mediated Photoluminescence by Exfoliation of Layered KLa0.90Sm0.05Nb2O7 into La0.90Sm0.05Nb2O7 Nanosheets. *Journal of Physical Chemistry C*, **2009**, 113, 8735-8742	3.8	26
50	Fabrication of Anatase Thin Film with Perfect c-Axis Orientation on Glass Substrate Promoted by a Two-Dimensional Perovskite Nanosheet Seed Layer. *Crystal Growth and Design*, **2010**, 10, 3787-3793	3.5	25
49	Synthesis and Atomic Characterization of a Ti2O3 Nanosheet. *Journal of Physical Chemistry Letters*, **2011**, 2, 1820-1823	6.4	23
48	LangmuirBlodgett Fabrication of Nanosheet-Based Dielectric Films without an Interfacial Dead Layer. *Japanese Journal of Applied Physics*, **2008**, 47, 7556-7560	1.4	23
47	Extra-Large Mechanical Anisotropy of a Hydrogel with Maximized Electrostatic Repulsion between Cofacially Aligned 2D Electrolytes. *Angewandte Chemie - International Edition*, **2018**, 57, 12508-12513	16.4	20
46	Impact of perovskite layer stacking on dielectric responses in KCa2Nan3NbnO3n+1 (n=3) Dion Jacobson homologous series. *Applied Physics Letters*, **2010**, 96, 182903	3.4	20
45	Efficient photoinduced charge accumulation in reduced graphene oxide coupled with titania nanosheets to show highly enhanced and persistent conductance. *ACS Applied Materials & Interfaces*, **2015**, 7, 11436-43	9.5	19
44	Liquid dispersions of zeolite monolayers with high catalytic activity prepared by soft-chemical exfoliation. *Science Advances*, **2020**, 6, eaay8163	14.3	18
43	Hunting for Monolayer Oxide Nanosheets and Their Architectures. *Scientific Reports*, **2016**, 6, 19402	4.9	18
42	Synthesis and soft-chemical reactivity of layered potassium cobalt oxide. *Solid State Ionics*, **2005**, 176, 2367-2370	3.3	17
41	Bulk Functional Materials Design Using Oxide Nanosheets as Building Blocks: A New Upconversion Material Fabricated by Flocculation of Ca2Nb3O10 Nanosheets with Rare-Earth Ions. *Journal of Physical Chemistry C*, **2014**, 118, 1729-1738	3.8	16
40	Ion exchangeable layered niobates as a noble series of photocatalysts. *Research on Chemical Intermediates*, **1994**, 20, 895-908	2.8	16
39	Inorganic Multilayer Assembly of Titania Semiconductor Nanosheets and Ru Complexes. *Langmuir*, **2003**, 19, 9534-9537	4	15
38	Solution-Based Fabrication of Perovskite Nanosheet Films and Their Dielectric Properties. *Japanese Journal of Applied Physics*, **2009**, 48, 09KA15	1.4	12
37	Single Droplet Assembly for Two-Dimensional Nanosheet Tiling. *ACS Nano*, **2020**, 14, 15216-15226	16.7	12
36	Monolayer Attachment of Metallic MoS2 on Restacked Titania Nanosheets for Efficient Photocatalytic Hydrogen Generation. *ACS Applied Energy Materials*, **2018**, 1, 6912-6918	6.1	12
35	New family of lanthanide-based inorganic-organic hybrid frameworks: Ln2(OH)4[O3S(CH2)nSO3] 2H2O (Ln = La, Ce, Pr, Nd, Sm; n = 3, 4) and their derivatives. *Inorganic Chemistry*, **2013**, 52, 1755-61	5.1	11
34	Soft-chemical exfoliation of RbSrNb2O6F into homogeneously unilamellar oxyfluoride nanosheets. *Inorganic Chemistry*, **2013**, 52, 415-22	5.1	10

33	Layer-by-layer engineering of two-dimensional perovskite nanosheets for tailored microwave dielectrics. *Applied Physics Express*, **2017**, 10, 091501	2.4	10
32	Artificial design for new ferroelectrics using nanosheet-architectonics concept. *Nanotechnology*, **2015**, 26, 244001	3.4	10
31	A-Site-Modified Perovskite Nanosheets and Their Integration into High-□Dielectric Thin Films with a Clean Interface. *Japanese Journal of Applied Physics*, **2010**, 49, 09MA01	1.4	10
30	X-ray Diffraction Study on Restacked Flocculates from Binary Colloidal Nanosheet Systems Ti0.91O2□MnO2, Ca2Nb3O10□Ti0.91O2, and Ca2Nb3O10□MnO2. *Journal of Physical Chemistry C*, **2011**, 115, 8555-8566	3.8	10
29	Structural study of photoinduced hydrophilicity of titania nanosheet film. *Materials Science and Engineering B: Solid-State Materials for Advanced Technology*, **2009**, 161, 12-15	3.1	10
28	In-Situ Transmission Electron Microscopic Study of Perovskite-type Niobate Nanosheets under Electron-Irradiation and Heating. *Journal of Physical Chemistry B*, **2003**, 107, 6698-6703	3.4	10
27	Solution-Based Fabrication of High-□Dielectric Nanofilms Using Titania Nanosheets as a Building Block. *Japanese Journal of Applied Physics*, **2007**, 46, 6979-6983	1.4	9
26	Solution-Based Fabrication of Perovskite Multilayers and Superlattices Using Nanosheet Process. *Japanese Journal of Applied Physics*, **2011**, 50, 09NA10	1.4	9
25	A mechanically adaptive hydrogel with a reconfigurable network consisting entirely of inorganic nanosheets and water. *Nature Communications*, **2020**, 11, 6026	17.4	9
24	Reversible Switching of the Magnetic Orientation of Titanate Nanosheets by Photochemical Reduction and Autoxidation. *Journal of the American Chemical Society*, **2018**, 140, 16396-16401	16.4	9
23	Tunable Chemical Coupling in Two-Dimensional van der Waals Electrostatic Heterostructures. *ACS Nano*, **2019**, 13, 11214-11223	16.7	7
22	Fabrication and Electrochemical Characterization of Molecularly Alternating Self-Assembled Films and Capsules of Titania Nanosheets and Gold Nanoparticles. *Current Nanoscience*, **2007**, 3, 155-160	1.4	7
21	Scalable Design of Two-Dimensional Oxide Nanosheets for Construction of Ultrathin Multilayer Nanocapacitor. *Small*, **2020**, 16, e2003485	11	6
20	Three-in-one cathode host based on Nb3O8/graphene superlattice heterostructures for high-performance Li–S batteries. *Journal of Materials Chemistry A*, **2021**, 9, 9952-9960	13	6
19	Internal structure and mechanical property of an anisotropic hydrogel with electrostatic repulsion between nanosheets. *Polymer*, **2019**, 177, 43-48	3.9	5
18	Massive hydration-driven swelling of layered perovskite niobate crystals in aqueous solutions of organo-ammonium bases. *Dalton Transactions*, **2018**, 47, 3022-3028	4.3	5
17	Extra-Large Mechanical Anisotropy of a Hydrogel with Maximized Electrostatic Repulsion between Cofacially Aligned 2D Electrolytes. *Angewandte Chemie*, **2018**, 130, 12688-12693	3.6	5
16	High-temperature dielectric responses in all-nanosheet capacitors. *Japanese Journal of Applied Physics*, **2017**, 56, 06GH09	1.4	5

15	Simulation of the powder diffraction pattern of randomly restacked Ca2Nb3O10nanosheets. *Journal of Applied Crystallography*, **2009**, 42, 1062-1067	3.8	5
14	Solution-Based Fabrication of Perovskite Multilayers and Superlattices Using Nanosheet Process. *Japanese Journal of Applied Physics*, **2011**, 50, 09NA10	1.4	5
13	Exfoliated Ferrierite-Related Unilamellar Nanosheets in Solution and Their Use for Preparation of Mixed Zeolite Hierarchical Structures. *Journal of the American Chemical Society*, **2021**, 143, 11052-11062	16.4	5
12	Rational Assembly of Two-Dimensional Perovskite Nanosheets as Building Blocks for New Ferroelectrics. *ACS Applied Materials & Interfaces*, **2021**, 13, 1783-1790	9.5	5
11	A bona fide two-dimensional percolation model: an insight into the optimum photoactivator concentration in La Eu TaO nanosheets. *Science and Technology of Advanced Materials*, **2011**, 12, 044601	7.1	4
10	Photocharge Trapping in Two-Sheet Reduced Graphene Oxide□i0.87O2 Heterostructures and Their Photoreduction and Photomemory Applications. *ACS Applied Nano Materials*, **2019**, 2, 6378-6386	5.6	3
9	EELS study of Fe- or Co-doped titania nanosheets. *Microscopy (Oxford, England)*, **2015**, 64, 77-85	1.3	3
8	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. *Journal of Physical Chemistry Letters*, **2021**, 12, 10135-10143	6.4	3
7	Magneto-Optical Effects in Superlattice Assemblies of Ferromagnetic Nanosheets. *Key Engineering Materials*, **2007**, 350, 15-18	0.4	2
6	Propagating wave in a fluid by coherent motion of 2D colloids. *Nature Communications*, **2021**, 12, 6771	17.4	2
5	Construction of Multilayer Films and Superlattice- and Mosaic-like Heterostructures of 2D Metal Oxide Nanosheets via a Facile Spin-Coating Process. *ACS Applied Materials & Interfaces*, **2021**, 13, 43258-43265	9.5	2
4	Stacking-fault pyramids formed in perovskite-type niobate nanosheet aggregates under electron irradiation. *Philosophical Magazine Letters*, **2003**, 83, 367-373	1	1
3	Solution-Based Fabrication of High-k Dielectrics Using Oxide Nanosheets. *ECS Transactions*, **2009**, 25, 349-352	1	
2	Ferromagnetic Properties in Co-Substituted Titania Nanosheets. *Key Engineering Materials*, **2008**, 388, 119-122	0.4	
1	Fabrication of Multilayer Ultrathin Films through Layer-By-Layer Assembly of Delaminated MnO2 Nanosheets and Polyelectrolytes **2005**, 135-142		