

Nobuo Iyi

List of Publications by Year in descending order

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Synthesis, Anion Exchange, and Delamination of Co ²⁺ /Al Layered Double Hydroxide: Assembly of the Exfoliated Nanosheet/Polyanion Composite Films and Magneto-Optical Studies. Journal of the American Chemical Society, 2006, 128, 4872-4880.	13.7	1,147
2	Positively Charged Nanosheets Derived via Total Delamination of Layered Double Hydroxides. Chemistry of Materials, 2005, 17, 4386-4391.	6.7	487
3	Exfoliating layered double hydroxides in formamide: a method to obtain positively charged nanosheets. Journal of Materials Chemistry, 2006, 16, 3809.	6.7	475
4	Synthesis and Exfoliation of Co ²⁺ /Fe ³⁺ Layered Double Hydroxides: An Innovative Topochemical Approach. Journal of the American Chemical Society, 2007, 129, 5257-5263.	13.7	355
5	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. Chemistry of Materials, 2010, 22, 371-378.	6.7	323
6	Deintercalation of Carbonate Ions from a Hydrotalcite-Like Compound: Enhanced Decarbonation Using Acid-Salt Mixed Solution. Chemistry of Materials, 2004, 16, 2926-2932.	6.7	295
7	General Synthesis and Delamination of Highly Crystalline Transition-Metal-Bearing Layered Double Hydroxides. Langmuir, 2007, 23, 861-867.	3.5	238
8	General Synthesis and Structural Evolution of a Layered Family of Ln ₂ (OH) ₂ Cl ₄ ·nH ₂ O (Ln = Nd, Sm, Eu, Gd, Tb, Tm) and Their Overlaid Structures. Chemistry of Materials, 2007, 19, 2170-2174.	4.7	214
9	Topochemical Synthesis of Monometallic (Co ²⁺ → Co ³⁺) Layered Double Hydroxide and Its Exfoliation into Positively Charged Co(OH) ₂ Nanosheets. Angewandte Chemie - International Edition, 2008, 47, 86-89.	13.8	215
10	New Layered Rare-Earth Hydroxides with Anion-Exchange Properties. Chemistry - A European Journal, 2008, 14, 9255-9260.	3.3	173
11	Increased optical damage resistance in Sc ₂ O ₃ -doped LiNbO ₃ . Applied Physics Letters, 1992, 61, 2156-2158.	3.3	161
12	Hollow nanoshell of layered double hydroxide. Chemical Communications, 2006, , 3125.	4.1	158
13	Luminescence Properties of Rhodamine 6G Intercalated in Surfactant/Clay Hybrid Thin Solid Films. Langmuir, 2004, 20, 4715-4719.	3.5	145
14	A Novel Synthetic Route to Layered Double Hydroxides Using Hexamethylenetetramine. Chemistry Letters, 2004, 33, 1122-1123.	1.3	142
15	Factors affecting the crystal size of the MgAl-LDH (layered double hydroxide) prepared by using ammonia-releasing reagents. Applied Clay Science, 2007, 37, 23-31.	5.2	136
16	Orientation of an Organic Anion and Second-Staging Structure in Layered Double-Hydroxide Intercalates. Chemistry of Materials, 2002, 14, 583-589.	6.7	130
17	Water-Swellable MgAl-LDH (Layered Double Hydroxide) Hybrids: Synthesis, Characterization, and Film Preparation. Langmuir, 2008, 24, 5591-5598.	3.5	127
18	Adsorption of dodecyl- and octadecyltrimethylammonium ions on a smectite and synthetic micas. Applied Clay Science, 2001, 19, 5-10.	5.2	119

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19	Synthesis and Properties of Well-Crystallized Layered Rare-Earth Hydroxide Nitrates from Homogeneous Precipitation. <i>Inorganic Chemistry</i> , 2009, 48, 6724-6730.	4.0	110
20	Hexagonal-Structured Polysiloxane Material Prepared by Sol-Gel Reaction of Aminoalkyltrialkoxysilane without Using Surfactants. <i>Chemistry of Materials</i> , 2004, 16, 3417-3423.	6.7	101
21	Aggregated Structures of Rhodamine 6G Intercalated in a Fluor-Taeniolite Thin Film. <i>Langmuir</i> , 2002, 18, 6578-6583.	3.5	99
22	Preparation of highly oriented organo-LDH hybrid films by combining the decarbonation, anion-exchange, and delamination processes. <i>Journal of Materials Chemistry</i> , 2006, 16, 1608-1616.	6.7	95
23	Synthesis and characterization of water-swellaable LDH (layered double hydroxide) hybrids containing sulfonate-type intercalant. <i>Journal of Materials Chemistry</i> , 2011, 21, 8085.	6.7	92
24	Decarbonation of MgAl-LDHs (layered double hydroxides) using acetate-buffer/NaCl mixed solution. <i>Journal of Colloid and Interface Science</i> , 2008, 322, 237-245.	9.4	80
25	Structural refinement and thermal expansion of hexaborides. <i>Journal of Alloys and Compounds</i> , 2004, 366, L6-L8.	5.5	79
26	Orientation and aggregation of cationic laser dyes in a fluoromica: polarized spectrometry studies. <i>Applied Clay Science</i> , 2002, 22, 125-136.	5.2	78
27	Single Crystal Preparation of Ba ₂ YCu ₃ O _x from Nonstoichiometric Melts. <i>Japanese Journal of Applied Physics</i> , 1987, 26, L851-L853.	1.5	77
28	Dynamic Breathing of CO ₂ by Hydrotalcite. <i>Journal of the American Chemical Society</i> , 2013, 135, 18040-18043.	13.7	77
29	Oriented films of layered rare-earth hydroxide crystallites self-assembled at the hexane/water interface. <i>Chemical Communications</i> , 2008, , 4897.	4.1	75
30	Molecular arrangement of rhodamine 6G cations in the films of layered silicates: the effect of the layer charge. <i>Physical Chemistry Chemical Physics</i> , 2003, 5, 4680-4685.	2.8	70
31	Deintercalation of carbonate ions from carbonate-type layered double hydroxides (LDHs) using acid-alcohol mixed solutions. <i>Applied Clay Science</i> , 2011, 54, 132-137.	5.2	69
32	Synthesis of ion-exchangeable layered polysiloxane by sol-gel reaction of aminoalkyltrialkoxysilane: a new preparation method for layered polysiloxane materials. <i>Journal of Materials Chemistry</i> , 2003, 13, 2058-2060.	6.7	68
33	Rapid Exchange between Atmospheric CO ₂ and Carbonate Anion Intercalated within Magnesium Rich Layered Double Hydroxide. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 18352-18359.	8.0	68
34	Synthesis of rodlike polysiloxane with hexagonal phase by sol-gel reaction of organotrialkoxysilane monomer containing two amino groups. <i>Polymer</i> , 2005, 46, 1828-1833.	3.8	67
35	Adsorption and photodegradation properties of anionic dyes by layered double hydroxides. <i>Journal of Physics and Chemistry of Solids</i> , 2011, 72, 1037-1045.	4.0	67
36	Spectral Properties, Formation of Dye Molecular Aggregates, and Reactions in Rhodamine 6G/Layered Silicate Dispersions. <i>Journal of Physical Chemistry B</i> , 2004, 108, 4470-4477.	2.6	66

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37	Molecular Orientation of Rhodamine Dyes on Surfaces of Layered Silicates. <i>Journal of Physical Chemistry B</i> , 2005, 109, 4608-4615.	2.6	66
38	Crystal Structure of the Superconductor Ba _{1.8} Nd _{1.2} Cu ₃ O _{7-y} . <i>Japanese Journal of Applied Physics</i> , 1987, 26, L1616-L1619.	1.5	65
39	High visible-light photocatalytic activity of nitrogen-doped titania prepared from layered titania/isostearate nanocomposite. <i>Catalysis Today</i> , 2007, 120, 226-232.	4.4	64
40	Molecular Aggregation of Rhodamine Dyes in Dispersions of Layered Silicates: Influence of Dye Molecular Structure and Silicate Properties. <i>Journal of Physical Chemistry B</i> , 2006, 110, 2180-2186.	2.6	62
41	The Oxygen-Deficient Perovskite Solid Solution Nd _{1+x} Ba _{2-x} Cu ₃ O _y and Its Superconductivity. <i>Japanese Journal of Applied Physics</i> , 1987, 26, L2076-L2079.	1.5	59
42	Aggregation and Decomposition of a Pseudoisocyanine Dye in Dispersions of Layered Silicates. <i>Journal of Colloid and Interface Science</i> , 2002, 247, 494-503.	9.4	57
43	Spectral Properties of Rhodamine 3B Adsorbed on the Surface of Montmorillonites with Variable Layer Charge. <i>Langmuir</i> , 2007, 23, 1851-1859.	3.5	55
44	Raman Scattering in Single Crystal Ba ₂ YCu ₃ O _y . <i>Japanese Journal of Applied Physics</i> , 1987, 26, L1404-L1406.	1.5	52
45	Naked-Eye Discrimination of Methanol from Ethanol Using Composite Film of Oxoporphyrinogen and Layered Double Hydroxide. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 5927-5930.	8.0	50
46	Deintercalation of carbonate ions and anion exchange of an Al-rich MgAl-LDH (layered double hydroxide) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382	5.2	49
47	Visible spectroscopy of cationic dyes in dispersions with reduced-charge montmorillonites. <i>Clays and Clay Minerals</i> , 2002, 50, 446-454.	1.3	48
48	Effects of Anion Species on Deintercalation of Carbonate Ions from Hydrotalcite-like Compounds. <i>Chemistry Letters</i> , 2005, 34, 932-933.	1.3	46
49	Intercalation of Rhodamine 6G and Oxazine 4 into Oriented Clay Films and Their Alignment. <i>Journal of Materials Research</i> , 2002, 17, 1035-1040.	2.6	44
50	Synthesis of Rhodamine 6G/Cationic Surfactant/Clay Hybrid Materials and Its Luminescent Characterization. <i>Chemistry Letters</i> , 2003, 32, 550-551.	1.3	44
51	Preparation of a Novel Luminous Heterogeneous System: Rhodamine/Coumarin/Phyllosilicate Hybrid and Blue Shift in Fluorescence Emission. <i>Chemistry of Materials</i> , 2008, 20, 2994-3002.	6.7	43
52	Interplay of Charge Density and Relative Humidity on the Structure of Nitrate Layered Double Hydroxides. <i>Journal of Physical Chemistry C</i> , 2010, 114, 18153-18158.	3.1	42
53	Simple Calculation of SiC Polytype Contents from Powder X-Ray Diffraction Peaks. <i>Journal of the Ceramic Society of Japan</i> , 1993, 101, 1313-1314.	1.3	40
54	Crystal Structure of the New Magnetoplumbite-Related Compound in the System SrO \cdot Al ₂ O ₃ \cdot MgO. <i>Journal of Solid State Chemistry</i> , 1996, 122, 46-52.	2.9	37

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55	Effect of layer charge density on orientation and aggregation of a cationic laser dye incorporated in the interlayer space of montmorillonites. <i>Journal of Colloid and Interface Science</i> , 2004, 269, 22-25.	9.4	36
56	Spectral and Structural Characteristics of Oxazine 4/Hexadecyltrimethylammonium Montmorillonite Films. <i>Chemistry of Materials</i> , 2006, 18, 2618-2624.	6.7	36
57	Preparation of a Sulfo-Group-Containing Rod-Like Polysilsesquioxane with a Hexagonally Stacked Structure and Its Proton Conductivity. <i>Chemistry - A European Journal</i> , 2014, 20, 9394-9399.	3.3	36
58	Intercalation Characteristics of Rhodamine 6G in Fluor-Taeniolite: Orientation in the Gallery. <i>Clays and Clay Minerals</i> , 1997, 45, 77-84.	1.3	35
59	Visible orange photoluminescence in a barium titanosilicate BaTiSi ₂ O ₇ . <i>Applied Physics Letters</i> , 2006, 88, 151903.	3.3	35
60	One-pot synthesis of organophilic layered double hydroxides (LDHs) containing aliphatic carboxylates: Extended "homogeneous precipitation" method. <i>Journal of Colloid and Interface Science</i> , 2009, 340, 67-73.	9.4	35
61	Sol-gel synthesis of ladder polysilsesquioxanes forming chiral conformations and hexagonal stacking structures. <i>Journal of Materials Chemistry</i> , 2009, 19, 7106.	6.7	35
62	Accordion-like swelling of layered perovskite crystals via massive permeation of aqueous solutions into 2D oxide galleries. <i>Chemical Communications</i> , 2015, 51, 17068-17071.	4.1	35
63	Aggregation and stability of 1,1'-diethyl-4,4'-cyanine dye on the surface of layered silicates with different charge densities. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2002, 207, 207-214.	4.7	34
64	Mesogenic Unsymmetric dimers containing cholesteryl ester and tolane moieties. <i>Liquid Crystals</i> , 2003, 30, 1079-1087.	2.2	34
65	Sol-gel synthesis of rodlike polysilsesquioxanes forming regular higher-ordered nanostructure. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2007, 222, 656-662.	0.8	34
66	The Al-Rich Part of the System CaO-Al ₂ O ₃ -MgO. <i>Journal of Solid State Chemistry</i> , 1995, 120, 364-371.	2.9	32
67	Polytypes, Grain Growth, and Fracture Toughness of Metal Boride Particulate SiC Composites. <i>Journal of the American Ceramic Society</i> , 1995, 78, 1223-1229.	3.8	32
68	Preparation of carboxylate group-containing rod-like polysilsesquioxane with hexagonally stacked structure by sol-gel reaction of 2-cyanoethyltriethoxysilane. <i>Polymer</i> , 2012, 53, 6021-6026.	3.8	32
69	Electron Diffraction and Microscope Study of Ba-Nd-Cu-O Superconducting Oxides and Related Compounds. <i>Japanese Journal of Applied Physics</i> , 1987, 26, L1693-L1696.	1.5	30
70	Preparation of Integrated Coumarin/Cyanine Systems within an Interlayer of Phyllosilicate and Fluorescence Resonance Energy Transfer. <i>Chemistry of Materials</i> , 2009, 21, 1179-1181.	6.7	30
71	Synthesis of organic-inorganic hybrid hydrogels using rodlike polysiloxane having acrylamido groups as a new cross-linking agent. <i>Journal of Materials Chemistry</i> , 2006, 16, 1746-1750.	6.7	29
72	One-step Conversion of CO ₃ LDH (Layered Double Hydroxide) into Anion-exchangeable LDHs Using an Acetate-buffer/Salt Method. <i>Chemistry Letters</i> , 2010, 39, 591-593.	1.3	29

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73	Preparation of Hybrid Organic/Inorganic Luminescent Thin Solid Films with Highly Concentrated Laser-dye Cations. <i>Chemistry Letters</i> , 2005, 34, 1490-1491.	1.3	28
74	Resonance Energy Transfer between Rhodamine Molecules Adsorbed on Layered Silicate Particles. <i>Journal of Physical Chemistry C</i> , 2010, 114, 1246-1252.	3.1	27
75	Geomaterials: their application to environmental remediation. <i>Science and Technology of Advanced Materials</i> , 2011, 12, 064705.	6.1	26
76	Preparation of Ionic Silsesquioxanes with Regular Structures and Their Hybridization. <i>International Journal of Polymer Science</i> , 2012, 2012, 1-14.	2.7	26
77	Efficient decarbonation of carbonate-type layered double hydroxide (CO ₃ ²⁻ LDH) by ammonium salts in alcohol medium. <i>Applied Clay Science</i> , 2012, 65-66, 121-127.	5.2	24
78	Novel chiral dimesogenic bidentate ligands and their Cu(II) and Pd(II) metal complexes. <i>Liquid Crystals</i> , 2003, 30, 681-690.	2.2	23
79	Preparation of higher-ordered inorganic-organic nanocomposite composed of rodlike cationic polysiloxane and polyacrylate. <i>Journal of Materials Chemistry</i> , 2005, 15, 1572-1575.	6.7	23
80	Anomalous phase transition and ionic conductivity of AgI nanowire grown using porous alumina template. <i>Journal of Applied Physics</i> , 2007, 102, 124308.	2.5	23
81	Photoactive oriented films of layered double hydroxides. <i>Physical Chemistry Chemical Physics</i> , 2008, 10, 4429.	2.8	23
82	Hydrogen-bond-driven "homogeneous intercalation"™ for rapid, reversible, and ultra-precise actuation of layered clay nanosheets. <i>Chemical Communications</i> , 2013, 49, 3631.	4.1	23
83	Spectral properties and structure of the J-aggregates of pseudoisocyanine dye in layered silicate films. <i>Journal of Colloid and Interface Science</i> , 2008, 326, 426-432.	9.4	21
84	Fluorescence resonance energy transfer and arrangements of fluorophores in integrated coumarin/cyanine systems within solid-state two-dimensional nanospace. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2011, 225, 125-134.	3.9	21
85	Isomerization of cationic azobenzene derivatives in dispersions and films of layered silicates. <i>Journal of Colloid and Interface Science</i> , 2003, 262, 282-289.	9.4	20
86	Rosette-like Layered Double Hydroxides: Adsorbent Materials for the Removal of Anionic Pollutants from Water. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 27954-27963.	8.0	20
87	Molecular orientation of methylene blue intercalated in layer-charge-controlled montmorillonites. <i>Journal of Materials Research</i> , 2003, 18, 2639-2643.	2.6	19
88	Effect of KBr on the FTIR Spectra of NO ₃ ⁻ LDHs (Layered Double Hydroxides). <i>Chemistry Letters</i> , 2009, 38, 808-809.	1.3	19
89	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.	3.1	19
90	Luminous Change of Rhodamine 3B Incorporated into Titanate Nanosheet/Decyltrimethylammonium Hybrids under Humid Atmosphere. <i>Bulletin of the Chemical Society of Japan</i> , 2011, 84, 562-568.	3.2	18

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91	Swelling and Gel/Sol Formation of Perchlorate-Type Layered Double Hydroxides in Concentrated Aqueous Solutions of Amino Acid-Related Zwitterionic Compounds. <i>Langmuir</i> , 2013, 29, 2562-2571.	3.5	18
92	Phase-Stability and Photoluminescence of BaTi(Si, Ge) ₃ O ₉ . <i>Journal of the Ceramic Society of Japan</i> , 2006, 114, 313-317.	1.3	16
93	Sol-Gel Synthesis of Water-Soluble Polysilsesquioxanes with Regular Structures. <i>Kobunshi Ronbunshu</i> , 2010, 67, 280-287.	0.2	16
94	Synthesis of rodlike polysiloxane containing polyol moieties derived from glucose with regularly controlled higher-ordered structure. <i>Polymer</i> , 2005, 46, 8905-8907.	3.8	15
95	Multinuclear solid-state NMR spectroscopy of a paramagnetic layered double hydroxide. <i>RSC Advances</i> , 2013, 3, 19857.	3.6	15
96	Sc ₂ O ₃ -doped LiNbO ₃ grown by the float zone method. <i>Journal of Crystal Growth</i> , 1992, 121, 522-526.	1.5	14
97	Induced emission cross section of a possible laser line in Nd:Y ₂ O ₃ ceramics at 1.095 μ m. <i>Journal of Applied Physics</i> , 2007, 101, 043112.	2.5	14
98	Evaluation of sintering stresses of an Al ₂ O ₃ powder with a self-loading apparatus. <i>Ceramics International</i> , 2009, 35, 3185-3194.	4.8	13
99	Influence of magnesia on sintering stress of alumina. <i>Ceramics International</i> , 2010, 36, 1143-1146.	4.8	12
100	Highly fluorescent colloids based on rhodamine 6G, modified layered silicate, and organic solvent. <i>Journal of Colloid and Interface Science</i> , 2012, 388, 15-20.	9.4	12
101	Localized Electrons Around Cu Atoms of Superconductor, Tetragonal YBa ₂ Cu ₃ -xO _{7-y} . <i>Japanese Journal of Applied Physics</i> , 1987, 26, L1365-L1367.	1.5	11
102	Organometallic chiral liquid crystals: bis{4-[(1%-(cholest-5-en-3-yloxy)alkoxy)phenylethynyl]mercury complexes. <i>Liquid Crystals</i> , 2002, 29, 1393-1399.	2.2	11
103	Preparation of Nitrogen-doped Anatase Titania by Treatment of Layered Titania/Isostearate Nanocomposite with Aqueous Ammonia. <i>Chemistry Letters</i> , 2004, 33, 1508-1509.	1.3	10
104	Structure of cationic dyes assemblies intercalated in the films of montmorillonite. <i>Thin Solid Films</i> , 2008, 517, 793-799.	1.8	10
105	Synthesis of Water-soluble Silicon Oxide Material by Sol-gel Reaction in Tetraalkoxysilane-aminoalkyltrialkoxysilane Binary System. <i>Journal of Materials Research</i> , 2005, 20, 2199-2204.	2.6	9
106	Optical properties of molecular aggregates of oxazine dyes in dispersions of clay minerals. <i>Colloid and Polymer Science</i> , 2009, 287, 157-165.	2.1	9
107	Preparation of a Clay Pillared with Rodlike Cationic Polysiloxane. <i>Chemistry Letters</i> , 2004, 33, 1486-1487.	1.3	8
108	Structural changes of layered alkylsiloxanes during the reversible melting/solidification process. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 19146-19157.	2.8	8

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109	Controlled release of H ₂ S and NO gases through CO ₂ -stimulated anion exchange. <i>Nature Communications</i> , 2020, 11, 453.	12.8	8
110	The Aluminum-Rich Part of the System BaO-Al ₂ O ₃ -MgO. <i>Journal of Solid State Chemistry</i> , 1998, 136, 258-262.	2.9	7
111	Fine Control of Nitrogen Content in N-doped Titania Photocatalysts Prepared from Layered Titania/Isostearate Nanocomposites for High Visible-Light Photocatalytic Activity. <i>Topics in Catalysis</i> , 2009, 52, 1584-1591.	2.8	7
112	Massive hydration-driven swelling of layered perovskite niobate crystals in aqueous solutions of organo-ammonium bases. <i>Dalton Transactions</i> , 2018, 47, 3022-3028.	3.3	7
113	Annealing Behavior of Twin Domains in YBa ₂ Cu ₃ O _x Crystals. <i>Japanese Journal of Applied Physics</i> , 1988, 27, L1184-L1186.	1.5	6
114	Growth and characterization of Sc ₂ O ₃ -doped LiNbO ₃ . <i>Journal of Crystal Growth</i> , 1993, 128, 920-923.	1.5	6
115	Blue photoluminescence of germania-stabilized benitoite. <i>Journal of the Ceramic Society of Japan</i> , 2008, 116, 1143-1146.	1.1	6
116	Reversibly meltable layered alkylsiloxanes with melting points controllable by alkyl chain lengths. <i>New Journal of Chemistry</i> , 2013, 37, 1142.	2.8	5
117	Ionic States of Copper Atoms in YBa ₂ Cu _{3-x} O _{7-y} . <i>Japanese Journal of Applied Physics</i> , 1988, 27, L206-L208.	1.5	4
118	Intercalation of protonated polyoxyalkylene monoamines into a synthetic Li-fluorotaeniolite. <i>Applied Clay Science</i> , 2011, 52, 133-139.	5.2	4
119	Preparation of a transparent and flexible self-standing film of layered titania/isostearate nanocomposite. <i>Journal of Materials Research</i> , 2005, 20, 1308-1315.	2.6	3
120	Spectral study on the molecular orientation of a tetracationic porphyrin dye on the surface of layered silicates. <i>Open Physics</i> , 2007, 5, .	1.7	2
121	Spectral properties of tetraanionic porphyrin in formamide colloids of layered double hydroxides. <i>Open Chemistry</i> , 2008, 6, 569-574.	1.9	2
122	Hydrothermal in situ synthesis of high-crystallinity layered double hydroxide on electrospun polyacrylonitrile non-woven membrane: Application as anion capture filter. <i>Applied Clay Science</i> , 2022, 228, 106639.	5.2	2
123	Influence of Temperature on the Structure and Charge Distribution of Lithium Niobate Single Crystals. <i>Japanese Journal of Applied Physics</i> , 2002, 41, 7029-7032.	1.5	1
124	Disposable Nitric Oxide Generator Based on a Structurally Deformed Nitrite-Type Layered Double Hydroxide. <i>Inorganic Chemistry</i> , 2021, 60, 16008-16015.	4.0	1
125	Structural Refinement and Thermal Expansion of Hexaborides.. <i>ChemInform</i> , 2004, 35, no.	0.0	0