

Jin-Ho Choy

List of Publications by Year in descending order

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453
papers

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15504

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times ranked

16607
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#	ARTICLE	IF	CITATIONS
1	Monolayer Graphitic Carbon Nitride as Metal-Free Catalyst with Enhanced Performance in Photo- and Electro-Catalysis. <i>Nano-Micro Letters</i> , 2022, 14, 55.	27.0	40
2	The emergence of nanoporous materials in lung cancer therapy. <i>Science and Technology of Advanced Materials</i> , 2022, 23, 225-274.	6.1	15
3	Recent progress in layered double hydroxides as a cancer theranostic nanoplatform. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2021, 13, e1679.	6.1	23
4	Inorganic-inorganic nanohybrids for drug delivery, imaging and photo-therapy: recent developments and future scope. <i>Chemical Science</i> , 2021, 12, 5044-5063.	7.4	51
5	Recent Developments on Semiconducting Polymer Nanoparticles as Smart Photo-Therapeutic Agents for Cancer Treatments-A Review. <i>Polymers</i> , 2021, 13, 981.	4.5	21
6	Niclosamide-Clay Intercalate Coated with Nonionic Polymer for Enhanced Bioavailability toward COVID-19 Treatment. <i>Polymers</i> , 2021, 13, 1044.	4.5	21
7	Hydrotalcite-Niclosamide Nanohybrid as Oral Formulation towards SARS-CoV-2 Viral Infections. <i>Pharmaceutics</i> , 2021, 14, 486.	3.8	14
8	Bovine Serum Albumin-Coated Niclosamide-Zein Nanoparticles as Potential Injectable Medicine against COVID-19. <i>Materials</i> , 2021, 14, 3792.	2.9	16
9	Chitosan hybrids for cosmeceutical applications in skin, hair and dental care: an update. <i>Emergent Materials</i> , 2021, 4, 1125-1142.	5.7	10
10	Niclosamide encapsulated in mesoporous silica and geopolymer: A potential oral formulation for COVID-19. <i>Microporous and Mesoporous Materials</i> , 2021, 326, 111394.	4.4	14
11	Injectable niclosamide nanohybrid as an anti-SARS-CoV-2 strategy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 208, 112063.	5.0	7
12	NICLOSAMIDE-EXFOLIATED ANIONIC CLAY NANOHYBRID REPURPOSED AS AN ANTIVIRAL DRUG FOR TACKLING COVID-19; ORAL FORMULATION WITH TWEEN 60/EUDRAGIT S100. <i>Clays and Clay Minerals</i> , 2021, , 1-14.	1.3	5
13	Doxorubicin Encapsulated in TPGS-Modified 2D-Nanodisks Overcomes Multidrug Resistance. <i>Chemistry - A European Journal</i> , 2020, 26, 2470-2477.	3.3	23
14	2-Dimensional Nanomaterials with Imaging and Diagnostic Functions for Nanomedicine; A Review. <i>Bulletin of the Chemical Society of Japan</i> , 2020, 93, 1-12.	3.2	43
15	Effect of organo-smectite clays on the mechanical properties and thermal stability of EVA nanocomposites. <i>Applied Clay Science</i> , 2020, 196, 105750.	5.2	20
16	Brimonidine-montmorillonite hybrid formulation for topical drug delivery to the eye. <i>Journal of Materials Chemistry B</i> , 2020, 8, 7914-7920.	5.8	12
17	Recent trends in nano photo-chemo therapy approaches and future scopes. <i>Coordination Chemistry Reviews</i> , 2020, 411, 213252.	18.8	29
18	A geopolymer route to micro- and meso-porous carbon. <i>RSC Advances</i> , 2020, 10, 6814-6821.	3.6	8

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19	Y(III) ion substituted 2D anionic clay (I); in-vitro cytotoxicity and intercellular uptake behavior. Applied Clay Science, 2019, 176, 58-65.	5.2	6
20	Enhanced thermal stability and mechanical property of EVA nanocomposites upon addition of organo-intercalated LDH nanoparticles. Polymer, 2019, 177, 274-281.	3.8	34
21	Atomic and electronic structures of graphene-decorated graphitic carbon nitride (g-C ₃ N ₄) as a metal-free photocatalyst under visible-light. Applied Catalysis B: Environmental, 2019, 256, 117850.	20.2	19
22	Implantable multireservoir device with stimulus-responsive membrane for on-demand and pulsatile delivery of growth hormone. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 201906931.	7.1	20
23	Vectorized Clay Nanoparticles in Therapy and Diagnosis. Clays and Clay Minerals, 2019, 67, 25-43.	1.3	10
24	Ultrafast humidity-responsive structural colors from disordered nanoporous titania microspheres. Journal of Materials Chemistry A, 2019, 7, 10561-10571.	10.3	31
25	A novel geopolymer route to porous carbon: high CO ₂ adsorption capacity. Chemical Communications, 2019, 55, 3266-3269.	4.1	24
26	Alendronate-Anionic Clay Nanohybrid for Enhanced Osteogenic Proliferation and Differentiation. Journal of Korean Medical Science, 2019, 34, e37.	2.5	17
27	Stabilization of antioxidant gallate in layered double hydroxide by exfoliation and reassembling reaction. Solid State Sciences, 2018, 80, 65-71.	3.2	15
28	Toward an Effective Control of the H ₂ to CO Ratio of Syngas through CO ₂ Electroreduction over Immobilized Gold Nanoparticles on Layered Titanate Nanosheets. ACS Catalysis, 2018, 8, 4364-4374.	11.2	69
29	2D Nanostructured Metal Hydroxides with Gene Delivery and Theranostic Functions; A Comprehensive Review. Chemical Record, 2018, 18, 1033-1053.	5.8	45
30	Emerging nanomaterials with advanced drug delivery functions; focused on methotrexate delivery. Coordination Chemistry Reviews, 2018, 359, 32-51.	18.8	75
31	Clay-organic intumescent hybrid system for the synergetic flammability of polymer nanocomposites. Journal of Thermal Analysis and Calorimetry, 2018, 132, 2009-2014.	3.6	20
32	Highly Condensed Boron Cage Cluster Anions in 2D Carrier and Its Enhanced Antitumor Efficiency for Boron Neutron Capture Therapy. Advanced Functional Materials, 2018, 28, 1704470.	14.9	30
33	Intercalative hybridization of layered double hydroxide nanocrystals with mesoporous g-C ₃ N ₄ for enhancing visible light-induced H ₂ production efficiency. Dalton Transactions, 2018, 47, 2949-2955.	3.3	14
34	Most facile synthesis of Zn-Al:LDHs nanosheets at room temperature via environmentally friendly process and their high power generation by flexoelectricity. Materials Today Energy, 2018, 10, 254-263.	4.7	14
35	Highly Enhanced Photocatalytic Water-Splitting Activity of Gallium Zinc Oxynitride Derived from Flux-Assisted Zn/Ga Layered Double Hydroxides. Industrial & Engineering Chemistry Research, 2018, 57, 16264-16271.	3.7	13
36	Superior role of MXene nanosheet as hybridization matrix over graphene in enhancing interfacial electronic coupling and functionalities of metal oxide. Nano Energy, 2018, 53, 841-848.	16.0	36

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37	Poly(lactic Acid)/Chitosan Nanoparticles Loading Nifedipine: Characterization Findings and <i>In Vivo</i> Investigation in Animal. <i>Journal of Nanoscience and Nanotechnology</i> , 2018, 18, 2294-2303.	0.9	8
38	Layered Double Hydroxide and Polypeptide Thermogel Nanocomposite System for Chondrogenic Differentiation of Stem Cells. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 42668-42675.	8.0	52
39	Generating Color from Polydisperse, Near Micron-Sized TiO ₂ Particles. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 23941-23948.	8.0	19
40	Mesoporous carbon nitrides: synthesis, functionalization, and applications. <i>Chemical Society Reviews</i> , 2017, 46, 72-101.	38.1	534
41	Anionic clay as the drug delivery vehicle: tumor targeting function of layered double hydroxide-methotrexate nanohybrid in C33A orthotopic cervical cancer model. <i>International Journal of Nanomedicine</i> , 2016, 11, 337.	6.7	46
42	Biodegradable Inorganic Nanovector: Passive versus Active Tumor Targeting in siRNA Transportation. <i>Angewandte Chemie</i> , 2016, 128, 4658-4662.	2.0	8
43	Review of Clay-Drug Hybrid Materials for Biomedical Applications: Administration Routes. <i>Clays and Clay Minerals</i> , 2016, 64, 115-130.	1.3	74
44	Theranostic Bioabsorbable Bone Fixation Plate with Drug-Loaded Layered Double Hydroxide Nanohybrids. <i>Advanced Healthcare Materials</i> , 2016, 5, 2765-2775.	7.6	27
45	Highly Stable Nanocontainer of APTES-Anchored Layered Titanate Nanosheet for Reliable Protection/Recovery of Nucleic Acid. <i>Scientific Reports</i> , 2016, 6, 21993.	3.3	17
46	Synthesis of mesoporous carbons with controlled morphology and pore diameters from SBA-15 prepared through the microwave-assisted process and their CO ₂ adsorption capacity. <i>Microporous and Mesoporous Materials</i> , 2016, 233, 44-52.	4.4	52
47	Enabling Nanohybrid Drug Discovery through the Soft Chemistry Telescope. <i>Industrial & Engineering Chemistry Research</i> , 2016, 55, 11211-11224.	3.7	21
48	Facile Synthesis of Crystalline Nanoporous GaN Templated by Nitrogen Enriched Mesoporous Carbon Nitride for Friedel-Crafts Reaction. <i>ChemistrySelect</i> , 2016, 1, 6062-6068.	1.5	9
49	Water-floating nanohybrid films of layered titanate-graphene for sanitization of algae without secondary pollution. <i>RSC Advances</i> , 2016, 6, 98528-98535.	3.6	11
50	Biodegradable Inorganic Nanovector: Passive versus Active Tumor Targeting in siRNA Transportation. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 4582-4586.	13.8	117
51	Preparation of Highly Active Triflic Acid Functionalized SBA-15 Catalysts for the Synthesis of Coumarin under Solvent-Free Conditions. <i>ChemCatChem</i> , 2016, 8, 336-344.	3.7	12
52	X-ray diffraction and X-ray absorption spectroscopic analyses for intercalative nanohybrids with low crystallinity. <i>Arabian Journal of Chemistry</i> , 2016, 9, 190-205.	4.9	26
53	Biodegradable Inorganic Nanovector: Passive versus Active Tumor Targeting in siRNA Transportation (Angew. Chem. 14/2016). <i>Angewandte Chemie</i> , 2016, 128, 4688-4688.	2.0	0
54	Drug-clay nanohybrids as sustained delivery systems. <i>Applied Clay Science</i> , 2016, 130, 20-32.	5.2	94

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55	Hydrophobic Guest Mediated Micellization and Demicellization of Rationally Designed Amphiphilic Poly(organophosphazene) for Efficient Drug Delivery. <i>Science of Advanced Materials</i> , 2016, 8, 1553-1562.	0.7	3
56	Molecular Orientation of Intercalants Stabilized in the Interlayer Space of Layered Ceramics: 1-D Electron Density Simulation. <i>Journal of the Korean Ceramic Society</i> , 2016, 53, 417-428.	2.3	4
57	Intercalative Ion-Exchange Route to Amino Acid Layered Double Hydroxide Nanohybrids and Their Sorption Properties. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 898-898.	2.0	0
58	2D Inorganic "Antimalarial Drug" Polymer Hybrid with pH-Responsive Solubility. <i>Chemistry - an Asian Journal</i> , 2015, 10, 2264-2271.	3.3	17
59	Intracrystalline structure and release pattern of ferulic acid intercalated into layered double hydroxide through various synthesis routes. <i>Applied Clay Science</i> , 2015, 112-113, 32-39.	5.2	31
60	Intercalative Ion-Exchange Route to Amino Acid Layered Double Hydroxide Nanohybrids and Their Sorption Properties. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 925-930.	2.0	26
61	Hierarchically Ordered Porous CoOOH Thin-Film Electrodes for High-Performance Supercapacitors. <i>ChemElectroChem</i> , 2015, 2, 497-502.	3.4	39
62	TiO ₂ -pillared clays with well-ordered porous structure and excellent photocatalytic activity. <i>RSC Advances</i> , 2015, 5, 8210-8215.	3.6	33
63	Bio-Layered Double Hydroxides Nanohybrids for Theranostics Applications. <i>Structure and Bonding</i> , 2015, , 137-175.	1.0	17
64	Morphological control of mesoporous CN based hybrid materials and their excellent CO ₂ adsorption capacity. <i>RSC Advances</i> , 2015, 5, 40183-40192.	3.6	38
65	Influence of anionic surface modifiers on the thermal stability and mechanical properties of layered double hydroxide/polypropylene nanocomposites. <i>Journal of Materials Chemistry A</i> , 2015, 3, 22730-22738.	10.3	52
66	Highly Ordered Nanoporous Carbon Films with Tunable Pore Diameters and their Excellent Sensing Properties. <i>Chemistry - A European Journal</i> , 2015, 21, 697-703.	3.3	24
67	Cage type mesoporous carbon nitride with large mesopores for CO ₂ capture. <i>Catalysis Today</i> , 2015, 243, 209-217.	4.4	93
68	The isopropylation of naphthalene with propene over H-mordenite: The catalysis at the internal and external acid sites. <i>Journal of Molecular Catalysis A</i> , 2014, 395, 543-552.	4.8	15
69	Titania Nanoparticles Stabilized HPA in SBA-15 for the Intermolecular Hydroamination of Activated Olefins. <i>ChemCatChem</i> , 2014, 6, 3347-3354.	3.7	12
70	Titania Nanoparticles Stabilized HPA in SBA-15 for the Intermolecular Hydroamination of Activated Olefins. <i>ChemCatChem</i> , 2014, 6, 3267-3267.	3.7	2
71	Mesoporous BN and BCN nanocages with high surface area and spherical morphology. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 23554-23557.	2.8	23
72	Highly Magnetic Nanoporous Carbon/Iron Oxide Hybrid Materials. <i>ChemPhysChem</i> , 2014, 15, 3440-3443.	2.1	1

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73	Mesoporous Carbons Functionalized with Aromatic, Aliphatic, and Cyclic Amines, and their Superior Catalytic Activity. <i>ChemCatChem</i> , 2014, 6, 2872-2880.	3.7	11
74	Fabrication of pore window in ordered mesoporous silica by spatial control of functional groups. <i>Chemical Engineering Journal</i> , 2014, 253, 1-7.	12.7	4
75	Biokinetics of zinc oxide nanoparticles: toxicokinetics, biological fates, and protein interaction. <i>International Journal of Nanomedicine</i> , 2014, 9 Suppl 2, 261.	6.7	43
76	Removal of Cyanobacteria <i>Anabaena flos-aquae</i> Through Montmorillonite Clays. <i>Energy and Environment Focus</i> , 2014, 3, 60-63.	0.3	2
77	Avatar DNA Nanohybrid System in Chip-on-a-Phone. <i>Scientific Reports</i> , 2014, 4, 4879.	3.3	28
78	Inorganic Nanovehicle Targets Tumor in an Orthotopic Breast Cancer Model. <i>Scientific Reports</i> , 2014, 4, 4430.	3.3	61
79	Hemato compatibility and Interaction of Layered Double Hydroxide Nanomaterials with Plasma Proteins. <i>Science of Advanced Materials</i> , 2014, 6, 1582-1589.	0.7	8
80	Toxicity evaluation of inorganic nanoparticles: considerations and challenges. <i>Molecular and Cellular Toxicology</i> , 2013, 9, 205-210.	1.7	70
81	Aripiprazole; Montmorillonite: A New Organic-Inorganic Nanohybrid Material for Biomedical Applications. <i>Chemistry - A European Journal</i> , 2013, 19, 4869-4875.	3.3	33
82	Mesoporous Gallosilicate with 3D Architecture as a Robust Energy-Efficient Heterogeneous Catalyst for Diphenylmethane Production. <i>ChemCatChem</i> , 2013, 5, 1863-1870.	3.7	3
83	Drug-inorganic-polymer nanohybrid for transdermal delivery. <i>International Journal of Pharmaceutics</i> , 2013, 444, 120-127.	5.2	38
84	Photoluminescent nanographitic/nitrogen-doped graphitic hollow shells as a potential candidate for biological applications. <i>Journal of Materials Chemistry B</i> , 2013, 1, 1229.	5.8	12
85	Polymer-inorganic supramolecular nanohybrids for red, white, green, and blue applications. <i>Progress in Polymer Science</i> , 2013, 38, 1442-1486.	24.7	105
86	Tailoring the Mesoporous Texture of Graphitic Carbon Nitride. <i>Journal of Nanoscience and Nanotechnology</i> , 2013, 13, 7487-7492.	0.9	17
87	Heterostructured Layered Aluminosilicate-Itraconazole Nanohybrid for Drug Delivery System. <i>Journal of Nanoscience and Nanotechnology</i> , 2013, 13, 7331-7336.	0.9	7
88	In Vivo Anticancer Activity of Methotrexate-loaded Layered Double Hydroxide Nanoparticles. <i>Current Pharmaceutical Design</i> , 2013, 19, 7196-7202.	1.9	27
89	Inorganic Nanomedicines and their Labeling for Biological Imaging. <i>Current Topics in Medicinal Chemistry</i> , 2013, 13, 488-503.	2.1	11
90	Pt Nanoparticle-Reduced Graphene Oxide Nanohybrid for Proton Exchange Membrane Fuel Cells. <i>Journal of Nanoscience and Nanotechnology</i> , 2012, 12, 5669-5672.	0.9	13

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91	LDH Nanocontainers as Bio-Reservoirs and Drug Delivery Carriers. Recent Patents on Nanotechnology, 2012, 6, 200-217.	1.3	68
92	Emerging Strategies in Infohybrid Systems. European Journal of Inorganic Chemistry, 2012, 2012, 5145-5143.	2.0	7
93	A layer-by-layer assembly route to [Mn1/3Co1/3Ni1/3]O ₂ hollow spheres with electrochemical activity. Journal of Physics and Chemistry of Solids, 2012, 73, 1492-1495.	4.0	2
94	Enhancing the UV A1 screening ability of caffeic acid by encapsulation in layered basic zinc hydroxide matrix. Journal of Physics and Chemistry of Solids, 2012, 73, 1510-1513.	4.0	20
95	CeO ₂ -layered aluminosilicate nanohybrids for UV screening. Journal of Physics and Chemistry of Solids, 2012, 73, 1478-1482.	4.0	12
96	Titania-pillared molybdenum oxide as a new nanoporous photocatalyst. Journal of Physics and Chemistry of Solids, 2012, 73, 1469-1472.	4.0	1
97	Porous SnO ₂ /layered titanate nanohybrid with enhanced electrochemical performance for reversible lithium storage. Chemical Communications, 2012, 48, 458-460.	4.1	18
98	Intracellular trafficking pathway of layered double hydroxide nanoparticles in human cells: Size-dependent cellular delivery. Applied Clay Science, 2012, 65-66, 24-30.	5.2	49
99	A nanohybrid system for taste masking of sildenafil. International Journal of Nanomedicine, 2012, 7, 1635.	6.7	23
100	Pharmacokinetics, tissue distribution, and excretion of zinc oxide nanoparticles. International Journal of Nanomedicine, 2012, 7, 3081.	6.7	121
101	Montmorillonite intercalated with glutathione for antioxidant delivery: Synthesis, characterization, and bioavailability evaluation. International Journal of Pharmaceutics, 2012, 425, 29-34.	5.2	64
102	Improved electrochromic performances of NiO based thin films by lithium addition: From single layers to devices. Electrochimica Acta, 2012, 74, 46-52.	5.2	100
103	Drug- Ceramic 2-Dimensional Nanoassemblies for Drug Delivery System in Physiological Condition. Journal of the American Ceramic Society, 2012, 95, 2758-2765.	3.8	29
104	Ketoprofen-LDH Nanohybrid for Transdermal Drug Delivery System. Bulletin of the Korean Chemical Society, 2012, 33, 1827-1828.	1.9	10
105	Layered Metal Hydroxides Containing Calcium and Their Structural Analysis. Bulletin of the Korean Chemical Society, 2012, 33, 1845-1850.	1.9	20
106	Tailoring Porosity of Colloidal Boehmite Sol by Controlling Crystallite Size. Bulletin of the Korean Chemical Society, 2012, 33, 1962-1966.	1.9	5
107	Intracellular Drug Delivery of Layered Double Hydroxide Nanoparticles. Journal of Nanoscience and Nanotechnology, 2011, 11, 1632-1635.	0.9	44
108	Effect of physico-chemical parameters on the toxicity of inorganic nanoparticles. Journal of Materials Chemistry, 2011, 21, 5547.	6.7	51

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109	Dynamic transition between Zn-HDS and ZnO; growth and dissolving mechanism of dumbbell-like ZnO bipod crystal. <i>CrystEngComm</i> , 2011, 13, 546-552.	2.6	16
110	Mixed valence Zn ²⁺ /Co-layered double hydroxides and their exfoliated nanosheets with electrode functionality. <i>Journal of Materials Chemistry</i> , 2011, 21, 4286.	6.7	109
111	Integrated bio-inorganic hybrid systems for nano-forensics. <i>Chemical Society Reviews</i> , 2011, 40, 583-595.	38.1	52
112	Sepiocide, Sepiolite-Like Nanoclay Derived from Hydrotalcite-Like Layered Double Hydroxide. <i>Journal of Nanoscience and Nanotechnology</i> , 2011, 11, 382-385.	0.9	6
113	Diffusion Control of Porous Membrane by Modifying the Nanopore Properties. <i>Journal of Nanoscience and Nanotechnology</i> , 2011, 11, 1656-1659.	0.9	3
114	Effect of Different Forms of Anionic Nanoclays on Cytotoxicity. <i>Journal of Nanoscience and Nanotechnology</i> , 2011, 11, 1803-1806.	0.9	42
115	A Lattice ² -Engineering Route to Heterostructured Functional Nanohybrids. <i>Chemistry - an Asian Journal</i> , 2011, 6, 324-338.	3.3	41
116	A Dual ² -Polymer Electrochromic Device with High Coloration Efficiency and Fast Response Time: Poly(3,4 ² -(1,4 ² -butylene ² -(2 ² -ene)dioxy)thiophene) ² -Polyaniline ECD. <i>Chemistry - an Asian Journal</i> , 2011, 6, 2123-2129.	3.3	23
117	Inside Cover: A Dual-Polymer Electrochromic Device with High Coloration Efficiency and Fast Response Time: Poly(3,4 ² -(1,4 ² -butylene ² -(2 ² -ene)dioxy)thiophene)-Polyaniline ECD (<i>Chem. Asian J.</i> 8/2011). <i>Chemistry - an Asian Journal</i> , 2011, 6, 1898-1898.	3.3	0
118	Layered double hydroxide nanoparticles as target-specific delivery carriers: uptake mechanism and toxicity. <i>Nanomedicine</i> , 2011, 6, 803-814.	3.3	169
119	Phosphate-intercalated Ca ²⁺ /Fe-layered double hydroxides: Crystal structure, bonding character, and release kinetics of phosphate. <i>Journal of Solid State Chemistry</i> , 2011, 184, 171-176.	2.9	97
120	Synthesis of large ring 3,4-alkylenedioxythiophenes (ADOT) derivatives via Mitsunobu reaction. <i>Tetrahedron Letters</i> , 2011, 52, 2823-2825.	1.4	9
121	Surface Passivation of CeO ₂ Catalyst and Its Ultraviolet Screening Effect. <i>Journal of Nanoscience and Nanotechnology</i> , 2011, 11, 6448-6452.	0.9	3
122	UV Screening of Ferulic Acid ² -Zinc Basic Salt Nanohybrid with Controlled Release Rate. <i>Journal of Nanoscience and Nanotechnology</i> , 2011, 11, 413-416.	0.9	4
123	Amorphous Tungstate Precursor Route to Nanostructured Tungsten Oxide Film with Electrochromic Property. <i>Journal of Nanoscience and Nanotechnology</i> , 2011, 11, 6518-6522.	0.9	4
124	Selective DNA Adsorption on Layered Double Hydroxide Nanoparticles. <i>Bulletin of the Korean Chemical Society</i> , 2011, 32, 2217-2221.	1.9	12
125	Inorganic-polymer nanohybrid carrier for delivery of a poorly-soluble drug, ursodeoxycholic acid. <i>International Journal of Pharmaceutics</i> , 2010, 402, 117-122.	5.2	38
126	P-coumaric acid ² -zinc basic salt nanohybrid for controlled release and sustained antioxidant activity. <i>Journal of Physics and Chemistry of Solids</i> , 2010, 71, 647-649.	4.0	37

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127	Synthesis of porous and nonporous ZnO nanobelt, multipod, and hierarchical nanostructure from Zn-HDS. <i>Journal of Solid State Chemistry</i> , 2010, 183, 1835-1840.	2.9	27
128	Diffusivity control in nanoporous membrane through organic-inorganic hybridization. <i>Journal of Physics and Chemistry of Solids</i> , 2010, 71, 681-684.	4.0	1
129	Layered double hydroxide as novel antibacterial drug delivery system. <i>Journal of Physics and Chemistry of Solids</i> , 2010, 71, 685-688.	4.0	102
130	Characterization and Stability Analysis of Zinc Oxide Nanoencapsulated Conjugated Linoleic Acid. <i>Journal of Food Science</i> , 2010, 75, N63-8.	3.1	21
131	Soft-solution route to ZnO nanowall array with low threshold power density. <i>Applied Physics Letters</i> , 2010, 97, 043109.	3.3	31
132	Biocompatible Nanoparticles Intercalated with Anticancer Drug for Target Delivery: Pharmacokinetic and Biodistribution Study. <i>Journal of Nanoscience and Nanotechnology</i> , 2010, 10, 2913-2916.	0.9	78
133	Pre-swelled nanostructured electrode for lithium ion battery: TiO ₂ -pillared layered MnO ₂ . <i>Journal of Materials Chemistry</i> , 2010, 20, 2033.	6.7	40
134	Unique phase transformation behavior and visible light photocatalytic activity of titanium oxide hybridized with copper oxide. <i>Journal of Materials Chemistry</i> , 2010, 20, 3238.	6.7	39
135	DNA Core@Inorganic Shell. <i>Journal of the American Chemical Society</i> , 2010, 132, 16735-16736.	13.7	67
136	Unilamellar Nanosheet of Layered Manganese Cobalt Nickel Oxide and Its Heterolayered Film with Polycations. <i>ACS Nano</i> , 2010, 4, 4437-4444.	14.6	68
137	Anticancer drug encapsulated in inorganic lattice can overcome drug resistance. <i>Journal of Materials Chemistry</i> , 2010, 20, 9463.	6.7	93
138	Soft-solution route to various ZnO nanoplate arrays. <i>CrystEngComm</i> , 2010, 12, 3467.	2.6	18
139	In Situ X-ray Absorption Spectroscopic Study for Li^+ -MoO ₃ Electrode upon Discharge/Charge Reaction in Lithium Secondary Batteries. <i>Bulletin of the Korean Chemical Society</i> , 2010, 31, 3675-3678.	1.9	15
140	Inorganic Drug-Delivery Nanovehicle Conjugated with Cancer-Cell-Specific Ligand. <i>Advanced Functional Materials</i> , 2009, 19, 1617-1624.	14.9	184
141	Soft-Chemical Exfoliation Route to Layered Cobalt Oxide Monolayers and Its Application for Film Deposition and Nanoparticle Synthesis. <i>Chemistry - A European Journal</i> , 2009, 15, 10752-10761.	3.3	95
142	FeWO ₄ Cl as cathode material for lithium rechargeable battery. <i>Journal of Electroceramics</i> , 2009, 23, 305-311.	2.0	0
143	Electrochromic device of PEDOT-PANI hybrid system for fast response and high optical contrast. <i>Solar Energy Materials and Solar Cells</i> , 2009, 93, 2040-2044.	6.2	55
144	Toxicological effects of inorganic nanoparticles on human lung cancer A549 cells. <i>Journal of Inorganic Biochemistry</i> , 2009, 103, 463-471.	3.5	227

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145	Inorganic Metal Hydroxide Nanoparticles for Targeted Cellular Uptake Through Clathrin-Mediated Endocytosis. <i>Chemistry - an Asian Journal</i> , 2009, 4, 67-73.	3.3	174
146	Enhanced lithium storage capacity and cyclic performance of nanostructured TiO ₂ -MoO ₃ hybrid electrode. <i>Chemical Communications</i> , 2009, , 7536.	4.1	40
147	Origin of Improved Electrochemical Activity of $\text{I}^{2-}\text{MnO}_{2}$ Nanorods: Effect of the Mn Valence in the Precursor on the Crystal Structure and Electrode Activity of Manganates. <i>Journal of Physical Chemistry C</i> , 2009, 113, 21274-21282.	3.1	28
148	Relationship between Electrode Performance and Chemical Bonding Nature in Mesoporous Metal Oxide-Layered Titanate Nanohybrids. <i>Journal of Physical Chemistry C</i> , 2009, 113, 21941-21948.	3.1	13
149	Layered nanomaterials for green materials. <i>Journal of Materials Chemistry</i> , 2009, 19, 2553.	6.7	198
150	Remarkable Capacity Retention of Nanostructured Manganese Oxide upon Cycling as an Electrode Material for Supercapacitor. <i>Journal of Physical Chemistry C</i> , 2009, 113, 6303-6309.	3.1	239
151	Biocompatible ceramic nanocarrier for drug delivery with high efficiency. <i>Journal of the Ceramic Society of Japan</i> , 2009, 117, 543-549.	1.1	40
152	Facile Exfoliation of Layered Titanoniobate (KTiNbO ₅) into Colloidal Nanosheets. <i>Journal of Nanoscience and Nanotechnology</i> , 2009, 9, 7190-4.	0.9	1
153	Nanohybrids of edible dyes intercalated in ZnAl layered double hydroxides. <i>Journal of Physics and Chemistry of Solids</i> , 2008, 69, 1547-1551.	4.0	19
154	Direct Soft-Chemical Synthesis of Chalcogen-Doped Manganese Oxide 1D Nanostructures: Influence of Chalcogen Doping on Electrode Performance. <i>Small</i> , 2008, 4, 507-514.	10.0	10
155	Bifunctional Heterogeneous Catalysts for Selective Epoxidation and Visible Light Driven Photolysis: Nickel Oxide-Containing Porous Nanocomposite. <i>Advanced Materials</i> , 2008, 20, 539-542.	21.0	106
156	A new approach for the synthesis of layered niobium sulfide and restacking route of NbS ₂ nanosheet. <i>Journal of Solid State Chemistry</i> , 2008, 181, 319-324.	2.9	23
157	Anticancer drug-layered hydroxide nanohybrids as potent cancer chemotherapy agents. <i>Journal of Physics and Chemistry of Solids</i> , 2008, 69, 1528-1532.	4.0	91
158	Cellular uptake and cytotoxicity of octahedral rhenium cluster complexes. <i>Journal of Inorganic Biochemistry</i> , 2008, 102, 1991-1996.	3.5	62
159	Optical iris application of electrochromic thin films. <i>Electrochemistry Communications</i> , 2008, 10, 1785-1787.	4.7	26
160	Laponite-based nanohybrid for enhanced solubility and controlled release of itraconazole. <i>International Journal of Pharmaceutics</i> , 2008, 349, 283-290.	5.2	99
161	Controlled release of donepezil intercalated in smectite clays. <i>International Journal of Pharmaceutics</i> , 2008, 359, 198-204.	5.2	202
162	A room temperature etching route to tungsten oxide hydrate nanoplates with expanded surface area. <i>Materials Letters</i> , 2008, 62, 2297-2300.	2.6	1

#	ARTICLE	IF	CITATIONS
163	Human-related application and nanotoxicology of inorganic particles: complementary aspects. Journal of Materials Chemistry, 2008, 18, 615-620.	6.7	101
164	Formation Efficiency of One-Dimensional Nanostructured Titanium Oxide Affected by the Structure and Composition of Titanate Precursor: A Mechanism Study. Journal of Physical Chemistry C, 2008, 112, 15966-15972.	3.1	20
165	Mesoporous Iron Oxide-Layered Titanate Nanohybrids: Soft-Chemical Synthesis, Characterization, and Photocatalyst Application. Journal of Physical Chemistry C, 2008, 112, 14853-14862.	3.1	93
166	Itraconazole@Laponite: Kinetics and mechanism of drug release. Applied Clay Science, 2008, 40, 99-107.	5.2	97
167	One step route to the fabrication of arrays of TiO ₂ nanobowls via a complementary block copolymer templating and sol-gel process. Soft Matter, 2008, 4, 515-521.	2.7	46
168	Safety Aspect of Inorganic Layered Nanoparticles: Size-Dependency <i>in Vitro</i> and <i>in Vivo</i> . Journal of Nanoscience and Nanotechnology, 2008, 8, 5297-5301.	0.9	73
169	Transformation from Microcrystalline LiMn _{1-x} Cr _x O ₂ to 1D Nanostructured γ -Mn _{1-x} Cr _x O ₂ : Promising Electrode Performance of γ -MnO ₂ -Type Nanowires. Journal of Physical Chemistry C, 2008, 112, 5160-5164.	3.1	12
170	Effect of Bond Covalency on the Lattice Stability and Fatigue Behavior of Ferroelectric Bismuth Transition-Metal Oxides. Journal of Physical Chemistry C, 2008, 112, 3434-3438.	3.1	8
171	Fe ₃ O ₄ @ Polypyrrole Core-Shell Nanohybrid for Efficient DNA Retrieval. Journal of Nanoscience and Nanotechnology, 2008, 8, 5014-5017.	0.9	13
172	Encapsulation of Flavor Molecules, 4-Hydroxy-3-Methoxy Benzoic Acid, into Layered Inorganic Nanoparticles for Controlled Release of Flavor. Journal of Nanoscience and Nanotechnology, 2008, 8, 5018-5021.	0.9	34
173	New Antimony Substituted Mg-Al Layered Double Hydroxides. Journal of Nanoscience and Nanotechnology, 2008, 8, 5172-5175.	0.9	8
174	Gadolinium (III) Diethylenetriamine Pentaacetic Acid/Layered Double Hydroxide Nanohybrid as Novel T ₁ -Magnetic Resonant Nanoparticles. Journal of Nanoscience and Nanotechnology, 2008, 8, 5181-5184.	0.9	23
175	Porous Organo-Functionalized Silica/Clay Hybrids. Journal of Nanoscience and Nanotechnology, 2008, 8, 5293-5296.	0.9	1
176	Gene and Drug Delivery System with Soluble Inorganic Carriers. , 2008, , 349-367.		3
177	Cellular Toxicity of Inorganic Hydroxide Nanoparticles. Journal of Nanoscience and Nanotechnology, 2007, 7, 4017-4020.	0.9	36
178	Soft-Chemical Synthesis and Electrochemical Characterization of Multicomponent Mn _{1-x} Co _x Ni _y O ₂ Nanostructures. Journal of Nanoscience and Nanotechnology, 2007, 7, 3857-3861.	0.9	2
179	Time-Dependent X-ray Absorption Spectroscopic (XAS) Study on the Transformation of Zinc Basic Salt into Bis(N-oxypyridine-2-thionato) Zinc (II). Journal of Nanoscience and Nanotechnology, 2007, 7, 3867-3871.	0.9	1
180	Anticancer Drug-Inorganic Nanohybrid and Its Cellular Interaction. Journal of Nanoscience and Nanotechnology, 2007, 7, 3700-3705.	0.9	50

#	ARTICLE	IF	CITATIONS
181	Effect of Copper Doping on the Crystal Structure and Morphology of 1D Nanostructured Manganese Oxides. <i>Journal of Nanoscience and Nanotechnology</i> , 2007, 7, 4029-4032.	0.9	3
182	Mixed Micelle-Template Route to Mesoporous Silica. <i>Journal of Nanoscience and Nanotechnology</i> , 2007, 7, 3819-3822.	0.9	1
183	New Inorganic-Based Drug Delivery System of Indole-3-Acetic Acid-Layered Metal Hydroxide Nanohybrids with Controlled Release Rate. <i>Chemistry of Materials</i> , 2007, 19, 2679-2685.	6.7	225
184	Clay minerals and layered double hydroxides for novel biological applications. <i>Applied Clay Science</i> , 2007, 36, 122-132.	5.2	558
185	Local Atomic Arrangement and Electronic Configuration of Nanocrystalline Zinc Oxide Hybridized with Redoxable 2D Lattice of Manganese Oxide. <i>Journal of Physical Chemistry C</i> , 2007, 111, 16774-16780.	3.1	13
186	One-pot synthetic route to polymer-silica assembled capsule encased with nonionic drug molecule. <i>Chemical Communications</i> , 2007, , 2799-2801.	4.1	25
187	Chemical Bonding Character and Physicochemical Properties of Mesoporous Zinc Oxide-Layered Titanate Nanocomposites. <i>Journal of Physical Chemistry C</i> , 2007, 111, 1658-1664.	3.1	53
188	Soft Chemical Dehydration Route to Carbon Coating of Metal Oxides: Its Application for Spinel Lithium Manganate. <i>Journal of Physical Chemistry C</i> , 2007, 111, 11347-11352.	3.1	34
189	Asymmetric High-Tc Superconducting Gas Separation Membrane. <i>Chemistry of Materials</i> , 2007, 19, 3840-3844.	6.7	11
190	Single-Step Synthesis, Characterization, and Application of Nanostructured $K_{x}Mn_{1-y}Co_{y}O_{2-z}$ with Controllable Chemical Compositions and Crystal Structures. <i>Chemistry of Materials</i> , 2007, 19, 5010-5017.	6.7	60
191	Heterostructured Visible-Light-Active Photocatalyst of Chromia-Nanoparticle-Layered Titanate. <i>Advanced Functional Materials</i> , 2007, 17, 307-314.	14.9	165
192	Non-Hydrothermal Synthesis of 1D Nanostructured Manganese-Based Oxides: Effect of Cation Substitution on the Electrochemical Performance of Nanowires. <i>Advanced Functional Materials</i> , 2007, 17, 2949-2956.	14.9	56
193	Effects of p- and d-block metal co-substitution on the electronic structure and physicochemical properties of $InMO_4$ (M=Nb and Ta) semiconductors. <i>Chemical Physics Letters</i> , 2007, 434, 251-255.	2.6	16
194	Substitution effect of pentavalent bismuth ions on the electronic structure and physicochemical properties of perovskite-structured $Ba(In_{0.5}Ta_{0.5-x}Bi_x)O_3$ semiconductors. <i>Materials Research Bulletin</i> , 2007, 42, 1914-1920.	5.2	14
195	Zr K-edge XAS study on ZrO_2 -pillared aluminosilicate. <i>Journal of Porous Materials</i> , 2007, 14, 369-377.	2.6	13
196	Cellular Toxicity of Inorganic Hydroxide Nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , 2007, 7, 4017-4020.	0.9	12
197	Enhanced Contrast of Electrochromic Full Cell Systems with Nanocrystalline PEDOT-Prussian Blue. <i>Journal of Nanoscience and Nanotechnology</i> , 2007, 7, 4131-4134.	0.9	6
198	Enhanced contrast of electrochromic full cell systems with nanocrystalline PEDOT-prussian blue. <i>Journal of Nanoscience and Nanotechnology</i> , 2007, 7, 4131-4.	0.9	1

#	ARTICLE	IF	CITATIONS
199	Intracrystalline Structure and Physicochemical Properties of Mixed SiO ₂ -TiO ₂ Sol-Pillared Aluminosilicate. <i>Journal of Physical Chemistry B</i> , 2006, 110, 1592-1598.	2.6	30
200	Layered titanate-zinc oxide nanohybrids with mesoporosity. <i>Chemical Communications</i> , 2006, , 220-222.	4.1	37
201	Heterostructured Nanohybrid of Zinc Oxide-Montmorillonite Clay. <i>Journal of Physical Chemistry B</i> , 2006, 110, 1599-1604.	2.6	73
202	Cellular Uptake Mechanism of an Inorganic Nanovehicle and Its Drug Conjugates: Enhanced Efficacy Due To Clathrin-Mediated Endocytosis. <i>Bioconjugate Chemistry</i> , 2006, 17, 1411-1417.	3.6	224
203	Evidence of Two-Dimensional Superconductivity in the Single Crystalline Nanohybrid of Organic-Bismuth Cuprate. <i>Journal of Physical Chemistry B</i> , 2006, 110, 16197-16200.	2.6	9
204	Exfoliation and Reassembling Route to Mesoporous Titania Nanohybrids. <i>Chemistry of Materials</i> , 2006, 18, 1134-1140.	6.7	90
205	2P574 Bio-organic-inorganic ternary nanohybrids for DNA-barcode system(53. Bioengineering,Poster) Tj ETQq1 1 0,784314 rgBT /Ove	0,1	0
206	Hole states of X-Bi ₂ Sr ₂ CaCu ₂ O ₈ [X=I, HgI ₂ , and (Py-CH ₃) ₂ HgI ₄] probed by O K-edge X-ray absorption spectroscopy. <i>Journal of Physics and Chemistry of Solids</i> , 2006, 67, 223-226.	4.0	0
207	Exfoliation-restacking route to Au nanoparticle-clay nanohybrids. <i>Journal of Physics and Chemistry of Solids</i> , 2006, 67, 1020-1023.	4.0	29
208	A novel heterostructured RuS ₂ -titanate nanohybrid. <i>Journal of Physics and Chemistry of Solids</i> , 2006, 67, 1248-1251.	4.0	5
209	Microporous SiO ₂ -TiO ₂ nanosols pillared montmorillonite for photocatalytic decomposition of methyl orange. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2006, 179, 75-80.	3.9	53
210	Influences of A- and B-site cations on the physicochemical properties of perovskite-structured A(In _{1/3} Nb _{1/3} B _{1/3})O ₃ (A=Sr, Ba; B=Sn, Pb) photocatalysts. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2006, 183, 176-181.	3.9	26
211	Vacuum seeding and secondary growth route to sodalite membrane. <i>Thin Solid Films</i> , 2006, 495, 92-96.	1.8	26
212	TiO ₂ thin-films on polymer substrates and their photocatalytic activity. <i>Thin Solid Films</i> , 2006, 495, 266-271.	1.8	95
213	High-T _c superconducting thin film from bismuth cuprate nano-colloids. <i>Thin Solid Films</i> , 2006, 495, 78-81.	1.8	7
214	Efficient delivery of anticancer drug MTX through MTX-LDH nanohybrid system. <i>Journal of Physics and Chemistry of Solids</i> , 2006, 67, 1024-1027.	4.0	155
215	Nanostructured TiO ₂ films for dye-sensitized solar cells. <i>Journal of Physics and Chemistry of Solids</i> , 2006, 67, 1308-1311.	4.0	22
216	Intracrystalline structure of DNA molecules stabilized in the layered double hydroxide. <i>Journal of Physics and Chemistry of Solids</i> , 2006, 67, 1028-1031.	4.0	73

#	ARTICLE	IF	CITATIONS
217	Novel synthesis of Bis (N-oxopyridine-2-thionato) zinc (II) using solid precursors. Journal of Physics and Chemistry of Solids, 2006, 67, 1071-1074.	4.0	2
218	Influence of nickel content on the chemical bonding character of $\text{LiMn}_{2-x}\text{Ni}_x\text{O}_4$ spinel oxides. Journal of Power Sources, 2006, 159, 1346-1352.	7.8	21
219	Fine Tuning of the Face Orientation of ZnO Crystals to Optimize Their Photocatalytic Activity. Advanced Materials, 2006, 18, 3309-3312.	21.0	552
220	Topographical Functionalization of Ordered Mesoporous Silica. Solid State Phenomena, 2006, 111, 139-142.	0.3	2
221	Fabrication of $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ superconducting nanofibres by electrospinning. Superconductor Science and Technology, 2006, 19, 1264-1268.	3.5	22
222	Bio-Nanohybrids Based on Layered Double Hydroxide. Current Nanoscience, 2006, 2, 275-281.	1.2	52
223	Study of anomalous microstructure changes in Mn-doped $\text{Bi}_2\text{201}$ system. Physica C: Superconductivity and Its Applications, 2005, 419, 85-93.	1.2	4
224	Electrophoretic Route to $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+y}$ Films and Microfibers from Superconducting Colloids. Advanced Materials, 2005, 17, 1742-1745.	21.0	6
225	Low-Temperature Synthesis of $\text{Li}_x\text{Mn}_{0.67}\text{Ni}_{0.33}\text{O}_2$ ($0.2 < x < 0.33$) Nanowires with a Hexagonal Layered Structure. Advanced Materials, 2005, 17, 2834-2837.	21.0	57
226	An Inorganic Nanohybrid with High Specific Surface Area: TiO_2 -Pillared MoS_2 . ChemInform, 2005, 36, no.	0.0	0
227	Porous ceramic membranes exhibiting ferri/ferromagnetic properties for separation. Separation and Purification Technology, 2005, 46, 118-124.	7.9	8
228	Chemical synthesis and magnetic properties of a heterostructured spin system with superconducting and Pauli-type paramagnetic subsystems. Superconductor Science and Technology, 2005, 18, 470-476.	3.5	1
229	Synthesis of New Visible Light Active Photocatalysts of $\text{Ba}(\text{In}_{1/3}\text{Pb}_{1/3}\text{M}_{1/3})\text{O}_3$ ($\text{M} = \text{Nb, Ta}$): A Band Gap Engineering Strategy Based on Electronegativity of a Metal Component. Journal of Physical Chemistry B, 2005, 109, 15001-15007.	2.6	49
230	Trivalent Atom Contribution on Solid-Solid Transformation of Ga_{13} Polycation Intercalated Clay into Sodalite Investigated by X-ray Absorption Spectroscopy. Journal of Physical Chemistry B, 2005, 109, 9432-9436.	2.6	6
231	Electron Paramagnetic Resonance Study of Partially Oriented Clay Platelets Intercalated with Copper(II) 1,4,8,11-Tetraazacyclotetradecane. Journal of Physical Chemistry B, 2005, 109, 3324-3329.	2.6	9
232	An Inorganic Nanohybrid with High Specific Surface Area: TiO_2 -Pillared MoS_2 . Chemistry of Materials, 2005, 17, 3492-3498.	6.7	59
233	Bio-Resorbable Nanoceramics for Gene and Drug Delivery. MRS Bulletin, 2004, 29, 33-37.	3.5	71
234	Role of Iodine Species in Structural Stability of Nanocrystalline Manganese Oxyiodides. Electrochemical and Solid-State Letters, 2004, 7, A49.	2.2	5

#	ARTICLE	IF	CITATIONS
235	Synthesis and characterization of porous inorganic membranes exhibiting superconducting properties. <i>Materials Chemistry and Physics</i> , 2004, 84, 348-357.	4.0	8
236	Zr K-Edge XAS and ^{29}Si MAS NMR Studies on Hexagonal Mesoporous Zirconium Silicate. <i>Journal of Porous Materials</i> , 2004, 11, 123-129.	2.6	15
237	Inorganic delivery vector for intravenous injection. <i>Biomaterials</i> , 2004, 25, 5995-6001.	11.4	135
238	The orientation of anionic β -cyclodextrin in the interlayer space of Zn/Al layered double hydroxide. <i>Journal of Physics and Chemistry of Solids</i> , 2004, 65, 509-512.	4.0	22
239	Solid-solid transformation route to nanocrystalline sodalite from Al-PILC at room temperature. <i>Journal of Physics and Chemistry of Solids</i> , 2004, 65, 421-424.	4.0	7
240	Inorganic-Biomolecular Hybrid Nanomaterials as a Genetic Molecular Code System. <i>Advanced Materials</i> , 2004, 16, 1181-1184.	21.0	106
241	Topochemical Transformation of Phyllosilicate Clay into Chlorite and Brucite.. <i>ChemInform</i> , 2004, 35, no.	0.0	0
242	Layered double hydroxide as an efficient drug reservoir for folate derivatives. <i>Biomaterials</i> , 2004, 25, 3059-3064.	11.4	401
243	Intercalation of magnesium-urea complex into swelling clay. <i>Journal of Physics and Chemistry of Solids</i> , 2004, 65, 409-412.	4.0	42
244	Layered double hydroxides as potential solid base for beneficial remediation of endosulfan-contaminated soils. <i>Journal of Physics and Chemistry of Solids</i> , 2004, 65, 513-516.	4.0	26
245	Modification of external surface of laponite by silane grafting. <i>Journal of Physics and Chemistry of Solids</i> , 2004, 65, 499-501.	4.0	78
246	Intercalative route to heterostructured nanohybrid. <i>Journal of Physics and Chemistry of Solids</i> , 2004, 65, 373-383.	4.0	64
247	Effect of reaction media on electrochemical performance of nanocrystalline manganese oxyiodides prepared by Chimie Douce route. <i>Journal of Power Sources</i> , 2004, 125, 119-123.	7.8	6
248	Topochemical Transformation of Phyllosilicate Clay into Chlorite and Brucite. <i>Chemistry of Materials</i> , 2004, 16, 3206-3208.	6.7	6
249	Influence of Host Lattice on the Chemical Bonding Nature of Guest Species in High-Tc Superconducting $\text{La}^{1-x}\text{Bi}_2\text{Sr}_{1.5-x}\text{La}_x\text{Ca}_{1.5}\text{Cu}_2\text{O}_y$ Nanohybrids. <i>Journal of Physical Chemistry B</i> , 2004, 108, 12044-12048.	2.6	2
250	Hydrothermal route to ZnO nanocoral reefs and nanofibers. <i>Applied Physics Letters</i> , 2004, 84, 287-289.	3.3	88
251	Nanostructured Metal Surfaces Fabricated by a Nonlithographic Template Method. <i>Langmuir</i> , 2004, 20, 287-290.	3.5	16
252	Effect of Chromium Substitution on the Lattice Vibration of Spinel Lithium Manganate: A New Interpretation of the Raman Spectrum of LiMn_2O_4 . <i>Journal of Physical Chemistry B</i> , 2004, 108, 12713-12717.	2.6	38

#	ARTICLE	IF	CITATIONS
253	Cationic and Anionic Clays for Biological Applications. <i>Interface Science and Technology</i> , 2004, 1, 403-424.	3.3	11
254	Nanoengineering Route to Two-Dimensional Hybrid Materials. , 2004, , 197-216.		0
255	Soft Solution Route to Directionally Grown ZnO Nanorod Arrays on Si Wafer; Room-Temperature Ultraviolet Laser. <i>Advanced Materials</i> , 2003, 15, 1911-1914.	21.0	285
256	Synthesis and characterization of porous ferrimagnetic membranes. <i>Microporous and Mesoporous Materials</i> , 2003, 63, 177-184.	4.4	16
257	Quantum-well structured high-Tc superconductors prepared by soft-chemical method. <i>Current Applied Physics</i> , 2003, 3, 401-403.	2.4	0
258	Nanocrystalline Sodalite from Al ₂ O ₃ Pillared Clay by Solid-Solid Transformation. <i>Chemistry of Materials</i> , 2003, 15, 4841-4845.	6.7	30
259	Local Atomic Arrangement and Electronic Structure of Nanocrystalline Transition Metal Oxides Determined by X-ray Absorption Spectroscopy. <i>Journal of Physical Chemistry B</i> , 2003, 107, 5791-5796.	2.6	53
260	Gold Valence in (Au ₁₃) _{0.25} Bi ₂ Sr ₂ CaCu ₂ O _y by XPS and XANES Spectroscopy. <i>Journal of Physical Chemistry B</i> , 2003, 107, 3348-3350.	2.6	19
261	A Novel Hybrid of Bi-Based High-Tc Superconductor and Molecular Complex. <i>Inorganic Chemistry</i> , 2003, 42, 8134-8136.	4.0	20
262	Structural evolution of SiO ₂ -ZrO ₂ nano-sol intercalated clays upon pillaring reaction Electronic supplementary information (ESI) available: BJH pore size distribution and k ₃ -weighted EXAFS spectra of the SiO ₂ -ZrO ₂ sol-pillared clay at different calcination temperatures. See http://www.rsc.org/suppdata/jm/b2/b208929g/ . <i>Journal of Materials Chemistry</i> , 2003, 13, 557-562.	6.7	11
263	Solid-solid transformation mechanism for nanocrystalline sodalite from pillared clay. <i>Chemical Communications</i> , 2003, , 1922-1923.	4.1	15
264	Heterostructured high-Tc superconducting nanohybrid: (Me ₃ S) ₂ HgI ₄ -Bi ₂ Sr ₂ CaCu ₂ O _y . <i>Physical Review B</i> , 2002, 66, .	3.2	12
265	A Novel Nanoparticle/Lamellar Oxide Hybrid: TiO ₂ -pillared MoO ₃ . <i>Materials Research Society Symposia Proceedings</i> , 2002, 755, 1.	0.1	0
266	Polarized XANES study of the importance of inter-block vis-à-vis intra-block coupling in evolution of Tc in halide-molecule-intercalated Bi ₂ Sr ₂ CaCu ₂ O _{8-δ} single crystals. <i>Journal of Physics Condensed Matter</i> , 2002, 14, 6675-6688.	1.8	6
267	Ferrimagnetic Membranes for Separation of Paramagnetic and Diamagnetic Species. <i>Materials Research Society Symposia Proceedings</i> , 2002, 752, 1.	0.1	0
268	Conductive Polymer/Transition Metal Oxide Hybrid Materials for Lithium Batteries. <i>Materials Research Society Symposia Proceedings</i> , 2002, 726, 1.	0.1	1
269	New Co-SiO ₂ -Sol Pillared Clays as Catalysts for NO _x Conversion. <i>Chemistry of Materials</i> , 2002, 14, 3823-3828.	6.7	61
270	Transformation of Dion-Jacobson-type layered oxyfluorides into new anion-deficient pyrochlore-type oxides, ASrNb ₂ O _{6.5} (A = Li and Na). <i>Journal of Materials Chemistry</i> , 2002, 12, 1001-1004.	6.7	5

#	ARTICLE	IF	CITATIONS
271	Local Crystal Structure around Manganese in New Potassium-Based Nanocrystalline Manganese Oxyiodide. <i>Journal of Physical Chemistry B</i> , 2002, 106, 4053-4060.	2.6	51
272	A novel quantum dot pillared layered transition metal sulfide: CdS@MoS ₂ semiconductor-metal nanohybrid. <i>Journal of Materials Chemistry</i> , 2002, 12, 614-618.	6.7	41
273	Exfoliation and Restacking Route to Anatase-Layered Titanate Nanohybrid with Enhanced Photocatalytic Activity. <i>Chemistry of Materials</i> , 2002, 14, 2486-2491.	6.7	109
274	Polarization-Dependent X-ray Absorption Spectroscopic Study of [Cu(cyclam)] ²⁺ -Intercalated Saponite. <i>Journal of Physical Chemistry B</i> , 2002, 106, 11120-11126.	2.6	42
275	X-Ray absorption spectroscopic study on LaPdO ₃ . <i>Journal of Materials Chemistry</i> , 2002, 12, 995-1000.	6.7	29
276	A new polypyrrole/maghemite hybrid as a lithium insertion electrode. <i>Electrochemistry Communications</i> , 2002, 4, 197-200.	4.7	37
277	Poly(3,4-ethylenedioxythiophene)/V ₂ O ₅ hybrids for lithium batteries. <i>Electrochemistry Communications</i> , 2002, 4, 384-387.	4.7	30
278	Intercalative route to heterostructured nanohybrids. <i>Current Applied Physics</i> , 2002, 2, 489-495.	2.4	33
279	2D→3D transformation of layered aluminosilicate upon base treatment. <i>Solid State Ionics</i> , 2002, 151, 343-346.	2.7	15
280	Variation of chemical bonding nature of layered LiMnO ₂ upon delithiation/re-lithiation and Cr substitution. <i>Solid State Ionics</i> , 2002, 151, 275-283.	2.7	19
281	The effect of synthetic conditions on tailoring the size of hydrotalcite particles. <i>Solid State Ionics</i> , 2002, 151, 285-291.	2.7	267
282	Bio-LDH nanohybrid for gene therapy. <i>Solid State Ionics</i> , 2002, 151, 229-234.	2.7	157
283	High pressure synthesis and crystal structure of a new Ni(III) perovskite: TiNiO ₃ . <i>Journal of Materials Chemistry</i> , 2001, 11, 487-492.	6.7	30
284	Inorganic-organic-hybrids as precursors to functional materials. <i>Solid State Sciences</i> , 2001, 3, 581-592.	0.7	53
285	Macromolecular Nanoplatelet of Aurivillius-type Layered Perovskite Oxide, Bi ₄ Ti ₃ O ₁₂ . <i>Chemistry of Materials</i> , 2001, 13, 2759-2761.	6.7	83
286	Exfoliation of layered perovskite, KCa ₂ Nb ₃ O ₁₀ , into colloidal nanosheets by a novel chemical process. <i>Journal of Materials Chemistry</i> , 2001, 11, 1277-1282.	6.7	128
287	A novel synthetic route to TiO ₂ -pillared layered titanate with enhanced photocatalytic activity. <i>Journal of Materials Chemistry</i> , 2001, 11, 2232-2234.	6.7	117
288	Neutron Diffraction and X-ray Absorption Spectroscopic Analyses for Lithiated Aurivillius-Type Layered Perovskite Oxide, Li ₂ Bi ₄ Ti ₃ O ₁₂ . <i>Journal of Physical Chemistry B</i> , 2001, 105, 7908-7912.	2.6	19

#	ARTICLE	IF	CITATIONS
289	Chimie douce route to hetero-structured high-T _c cuprates. <i>Solid State Sciences</i> , 2001, 3, 253-263.	0.7	3
290	A new single molecular precursor route to fluorine-doped nanocrystalline tin oxide anodes for lithium batteries. <i>Solid State Sciences</i> , 2001, 3, 211-214.	0.7	66
291	LaPdO ₃ : The First PdIII Oxide with the Perovskite Structure. <i>Journal of the American Chemical Society</i> , 2001, 123, 10413-10414.	13.7	37
292	Intercalation of alkylammonium cations into expandable fluorine mica and its application for the evaluation of heterogeneous charge distribution. <i>Journal of Materials Chemistry</i> , 2001, 11, 1305-1312.	6.7	50
293	Micro-Raman Spectroscopic Study on Layered Lithium Manganese Oxide and Its Delithiated/Relithiated Derivatives. <i>Electrochemical and Solid-State Letters</i> , 2001, 4, A213.	2.2	34
294	Temperature-dependent structural evolution and electrochromic properties of peroxopolytungstic acid. <i>Journal of Materials Chemistry</i> , 2001, 11, 1506-1513.	6.7	30
295	Origin of the Metallization of c-Axis Resistivity upon Iodine Intercalation into Bi ₂ Sr ₂ CaCu ₂ O ₈ + δ . <i>Journal of Physical Chemistry B</i> , 2001, 105, 5174-5177.	2.6	3
296	New Dionâˆ“Jacobson-Type Layered Perovskite Oxyfluorides, ASrNb ₂ O ₆ F (A = Li, Na, and Rb). <i>Chemistry of Materials</i> , 2001, 13, 906-912.	6.7	52
297	Variation of the Chemical Bonding Nature of LiMn _{2-x} Ni _x O ₄ Spinel Oxides upon Delithiation and Lithiation Reactions. <i>Journal of Physical Chemistry B</i> , 2001, 105, 335-342.	2.6	31
298	Relationship between Chemical Bonding Character and Electrochemical Performance in Nickel-Substituted Lithium Manganese Oxides. <i>Journal of Physical Chemistry B</i> , 2001, 105, 4860-4866.	2.6	37
299	Cellular uptake behavior of [³² P] labeled ATPâˆ“LDH nanohybrids. <i>Journal of Materials Chemistry</i> , 2001, 11, 1671-1674.	6.7	206
300	Intercalative Route to Heterostructured Nanohybrids. <i>Materials Research Society Symposia Proceedings</i> , 2001, 703, 1.	0.1	0
301	Insertion of Inorganic-Biomolecular Nanohybrid into Eucaryotic Cell. <i>Materials Research Society Symposia Proceedings</i> , 2001, 703, 1.	0.1	0
302	Structural and electrochemical properties of the spinel Li(Mn _{2-x} Li _{x/4} Co _{3x/4})O ₄ . <i>Solid State Ionics</i> , 2001, 139, 75-81.	2.7	28
303	Co K-edge XAS study on a new cobalt-doped-SiO ₂ pillared clay. <i>Journal of Synchrotron Radiation</i> , 2001, 8, 599-601.	2.4	22
304	In situ XAFS study at the Zr K-edge for SiO ₂ /ZrO ₂ nano-sol. <i>Journal of Synchrotron Radiation</i> , 2001, 8, 782-784.	2.4	14
305	4d Electronic structure analysis of ruthenium in the perovskite oxides by Ru K- and L-edge XAS. <i>Journal of Synchrotron Radiation</i> , 2001, 8, 722-724.	2.4	9
306	Local structure analysis of Ti species stabilized in ion exchangeable layer solids by X-ray absorption spectroscopy. <i>Journal of Synchrotron Radiation</i> , 2001, 8, 728-730.	2.4	0

#	ARTICLE	IF	CITATIONS
307	Polarization-dependent XANES study of Bi ₂ Sr ₂ Ca _{1-x} Pr _x Cu ₂ O ₈ insulating single crystal. Journal of Synchrotron Radiation, 2001, 8, 842-844.	2.4	1
308	Kand CuLlledge study of itinerant holes in I ₂ -, HgI ₂ - and HgBr ₂ -intercalated BSCCO(2212) single crystals. Journal of Synchrotron Radiation, 2001, 8, 818-820.	2.4	2
309	Dynamics of microwave-induced fluxons in HgI ₂ -intercalated Bi ₂ Sr ₂ CaCu ₂ O ₈ +Î Josephson stacks. Physica C: Superconductivity and Its Applications, 2001, 362, 97-101.	1.2	2
310	Pseudogap features of intrinsic tunneling in Bi2212 single crystals. Physica C: Superconductivity and Its Applications, 2001, 362, 286-289.	1.2	10
311	Polarized X-Ray Absorption Spectroscopic Study on Mercuric Bromide Intercalated Bi ₂ Sr ₂ CaCu ₂ O _y Single Crystal. Journal of Solid State Chemistry, 2001, 160, 39-44.	2.9	3
312	Structural Distortion and Chemical Bonding in TlFeO ₃ : Comparison with AFeO ₃ (A=Rare Earth). Journal of Solid State Chemistry, 2001, 161, 197-204.	2.9	31
313	Coherent mode splitting of microwave-induced fluxons inHgI ₂ ~intercalatedBi ₂ Sr ₂ CaCu ₂ O ₈ +Îsingle crystals. Physical Review B, 2001, 63, .	3.2	17
314	Novel Synthetic Route to Superconducting-Insulating Nanohybrids. Molecular Crystals and Liquid Crystals, 2000, 349, 323-328.	0.3	0
315	Inorganic Layered Double Hydroxides as Nonviral Vectors. Angewandte Chemie - International Edition, 2000, 39, 4041-4045.	13.8	576
316	Luminescence of Sr ₂ CeO ₄ . Journal of Luminescence, 2000, 87-89, 1062-1064.	3.1	37
317	The Ni(III) perovskites: synthesis under high oxygen pressures and physico-chemical properties. Solid State Communications, 2000, 117, 113-115.	1.9	10
318	Tunneling characteristics of I- and HgI ₂ -intercalated Bi ₂ Sr ₂ CaCu ₂ O ₈ +x single crystals. Physica B: Condensed Matter, 2000, 284-288, 1844-1845.	2.7	3
319	Intercalation Route to Novel Superconducting Nano-Hybrids. Molecular Crystals and Liquid Crystals, 2000, 341, 479-484.	0.3	2
320	Soft Chemical Routes to Heterostructured High-T _c Superconducting Materials. MRS Bulletin, 2000, 25, 32-39.	3.5	17
321	Î±-RuCl ₃ /Polymer Nanocomposites:Â The First Group of Intercalative Nanocomposites with Transition Metal Halides. Journal of the American Chemical Society, 2000, 122, 6629-6640.	13.7	83
322	DNA~magnetite nanocomposite materials. Materials Letters, 2000, 42, 183-188.	2.6	59
323	Soft XAFS study on the 4d electronic structure of ruthenium in complex perovskite oxide. Solid State Sciences, 2000, 2, 61-70.	0.7	31
324	B-site cation arrangement and crystal structure of layered perovskite compounds CsLn ₂ Ti ₂ NbO ₁₀ (Ln =) Tj ETQq0 0.0 rgBT /Overlock 19	6.7	19

#	ARTICLE	IF	CITATIONS
325	A new cointercalated superconducting bismuth cuprate, $(\text{Hg}_{1/2}\text{O}_{5/10}\text{Bi}_{1/85}\text{Pb}_{0.35}\text{Sr}_{1.9}\text{Ca}_{2.1}\text{Cu}_{3.1}\text{O}_{10} + \hat{\Gamma})$. <i>Journal of Materials Chemistry</i> , 2000, 10, 1679-1684.	6.7	6
326	Layered Double Hydroxide as Gene Reservoir. <i>Molecular Crystals and Liquid Crystals</i> , 2000, 341, 425-429.	0.3	36
327	Evolution of Local Structure around Manganese in Layered LiMnO_2 upon Chemical and Electrochemical Delithiation/Relithiation. <i>Chemistry of Materials</i> , 2000, 12, 1818-1826.	6.7	78
328	Effects of Chromium Substitution on the Chemical Bonding Nature and Electrochemical Performance of Layered Lithium Manganese Oxide. <i>Journal of Physical Chemistry B</i> , 2000, 104, 7612-7618.	2.6	54
329	HRTEM and Micro-Raman Studies on Superconducting $\hat{\Gamma}$ -Superionic Conducting Nanohybrid, $\text{Ag}_{1.17}\text{Bi}_{1.54}\text{Sr}_2\text{CaCu}_2\text{O}_y$. <i>Journal of Physical Chemistry B</i> , 2000, 104, 9086-9090.	2.6	7
330	Trigonal Planar (D_{3h}) AuI_3 Complex Stabilized in a Solid Lattice. <i>Journal of Physical Chemistry B</i> , 2000, 104, 7273-7277.	2.6	22
331	Photophysical Properties of Hemicyanine Dyes Intercalated in Na^+ -Fluorine Mica. <i>Journal of Physical Chemistry A</i> , 2000, 104, 1388-1392.	2.5	35
332	New Solution Route to Electrochromic Poly(acrylic acid)/ WO_3 Hybrid Film. <i>Chemistry of Materials</i> , 2000, 12, 2950-2956.	6.7	36
333	X-Ray Absorption Near Edge Structure and X-Ray Diffraction Studies of New Cubic CsVTeO_5 and CsVTeO_6 Compounds. <i>Japanese Journal of Applied Physics</i> , 1999, 38, 1506-1509.	1.5	10
334	Evolution of crystal and electronic structures of Sr_2CuO_3 upon fluorination reaction. <i>Physica C: Superconductivity and Its Applications</i> , 1999, 322, 93-99.	1.2	2
335	Anomalous Thermoelectric Power Behaviors of Iodine Intercalated $(\text{Bi,Pb})_2\text{Sr}_2\text{Ca}_{n-1}\text{Cu}_n\text{O}_{2n+4}\hat{\Gamma}$ Superconductors ($n=2$ and 3). <i>Journal of Solid State Chemistry</i> , 1999, 142, 199-205.	2.9	4
336	Grafting Mechanism of Electrochromic PAA $\hat{\Gamma}$ WO_3 Composite Film. <i>Journal of Solid State Chemistry</i> , 1999, 142, 368-373.	2.9	12
337	Acidic and Hydrophobic Microporous Clays Pillared with Mixed Metal Oxide Nano-Sols. <i>Journal of Solid State Chemistry</i> , 1999, 144, 45-52.	2.9	35
338	Heterostructured Bi-Based Cuprate High-Tc Superconductors with Unusually Coordinated Metal Halides. <i>Journal of Solid State Chemistry</i> , 1999, 147, 328-335.	2.9	10
339	Intercalation route to nano-hybrids: inorganic/organic-high Tc cuprate hybrid materials. <i>Journal of Materials Chemistry</i> , 1999, 9, 129-135.	6.7	40
340	PSEUDO-GAP FEATURES OF INTRINSIC TUNNELING IN $(\text{HgBr}_2)\text{-Bi}_2\text{Te}_2\text{S}_2$ SINGLE CRYSTALS. <i>International Journal of Modern Physics B</i> , 1999, 13, 3758-3763.	2.0	55
341	Intercalative Nanohybrids of Nucleoside Monophosphates and DNA in Layered Metal Hydroxide. <i>Journal of the American Chemical Society</i> , 1999, 121, 1399-1400.	13.7	624
342	Relationship between Chemical Bonding Nature and Electrochemical Property of LiMn_2O_4 Spinel Oxides with Various Particle Sizes: $\hat{\Gamma}$ Electrochemical Grafting $\hat{\Gamma}$ Concept. <i>Journal of Physical Chemistry B</i> , 1999, 103, 2100-2106.	2.6	137

#	ARTICLE	IF	CITATIONS
343	Citrate Route to Sn ²⁺ -Doped BaTi ₄ O ₉ with Microwave Dielectric Properties. Journal of the American Ceramic Society, 1998, 81, 3197-3204.	3.8	33
344	A new thermally stable SiO ₂ -Cr ₂ O ₃ sol pillared montmorillonite with high surface area. Applied Catalysis A: General, 1998, 174, 83-90.	4.3	20
345	Charge Transfer-TC Relation in the Superconducting Intercalates Bi ₂ Sr ₂ CaCu ₂ O _y . Journal of Solid State Chemistry, 1998, 138, 66-73.	2.9	23
346	X-RAY ABSORPTION SPECTROSCOPIC STUDIES AT THE ARSENIC K-EDGE FOR NEW TERNARY Li ₂ S ₂ B ₂ S ₃ As ₂ S ₃ GLASS SYSTEMS. Journal of Physics and Chemistry of Solids, 1998, 59, 1579-1584.	4.0	1
347	Intercalation route to new superconducting and insulating hybrid systems, M _{1-x} A _x Bi ₂ Sr ₂ Ca _{n-1} Cu _n O _y (M=Hg,Ag; X=Br,I; Py=pyridine; n=1,2). Solid State Ionics, 1998, 108, 17-22.	2.7	5
348	Study of the electronic structural variation of transition metal oxides by X-ray absorption spectroscopy. Solid State Ionics, 1998, 108, 159-163.	2.7	22
349	X-ray absorption spectroscopic study on Bi ₂ Sr ₂ Ca _{1-x} Y _x Cu ₂ O _{8+z} (x=0-1). Solid State Ionics, 1998, 108, 291-295.	2.7	5
350	A combinative flux evaporation-slow cooling route to potassium titanate fibres. Materials Letters, 1998, 34, 111-118.	2.6	37
351	Intra- and inter-layer structures of layered hydroxy double salts, Ni _{1-x} Zn _{2x} (OH) ₂ (CH ₃ CO ₂) _{2x} ·nH ₂ O. Materials Letters, 1998, 34, 356-363.	2.6	59
352	X-ray absorption spectroscopic studies on the iridium(III) complexes. Materials Letters, 1998, 37, 168-175.	2.6	8
353	XAFS Study on Cu(II) Complexes Stabilized in Two-dimensional Silicate Lattice, Hectorite. Molecular Crystals and Liquid Crystals, 1998, 311, 303-308.	0.3	4
354	X-Ray absorption spectroscopic and electrochemical analyses of Pt-Cu-Fe ternary alloy electrocatalysts supported on carbon. Journal of the Chemical Society, Faraday Transactions, 1998, 94, 2835-2841.	1.7	27
355	Multilayered SiO ₂ /TiO ₂ Nanosol Particles in Two-Dimensional Aluminosilicate Catalyst Support. Journal of Physical Chemistry B, 1998, 102, 5991-5995.	2.6	53
356	Intercalation Route to New Hybrid Organic-Inorganic Superconductors. Molecular Crystals and Liquid Crystals, 1998, 310, 205-210.	0.3	0
357	Superionic and Superconducting Nanohybrids with Heterostructure, Ag _x Bi ₂ Sr ₂ Ca _{n-1} Cu _n O _y (0.76 ≤ x ≤ 1). Journal of Solid State Chemistry, 1998, 138, 143-147.	2.6	24
358	Intracrystalline Structure of Chromium Oxide-Cluster Pillar in Montmorillonite. Molecular Crystals and Liquid Crystals, 1998, 311, 315-320.	0.3	2
359	Modification of the interlayer pore structure of silica iron oxide sol pillared clay using organic templates. Journal of Materials Chemistry, 1998, 8, 1459-1463.	6.7	24
360	Metallization and 250 K anomaly of δ -intercalated Bi-2212 single crystals. Superconductor Science and Technology, 1998, 11, 133-137.	3.5	1

#	ARTICLE	IF	CITATIONS
361	Chemical bonding between host and guest in the $(\text{HgBr}_2)_{0.5}\text{Bi}_2\text{Sr}_{1.5}\hat{x}\text{La}_x\text{Ca}_{1.5}\text{Cu}_2\text{O}_y$ ($x=0.0, 0.2$, and 0.4) superconducting-insulating nanocomposite system. <i>Physical Review B</i> , 1998, 57, 3156-3163.	3.2	4
362	In situ temperature-dependent x-ray-absorption spectroscopic studies for the mercury-based superconductors. <i>Physical Review B</i> , 1998, 57, 1259-1265.	3.2	7
363	Correlation between Structure and Ionic Conductivity in Layered Perovskite Oxides, $\text{LiLnTa}_2\text{O}_7$ ($\text{Ln}=\text{La}$, Tj ETQq1 1 0,784314 rgBT /O	0.3	3
364	Pure tetravalent nickel in $\hat{1}^3$ -type nickel oxyhydroxide as secondary battery electrode. <i>Journal of Materials Research</i> , 1998, 13, 880-882.	2.6	4
365	Intercalation Route to New Hybrid Organic-Inorganic Superconductors. <i>Molecular Crystals and Liquid Crystals</i> , 1998, 311, 383-388.	0.3	0
366	New Mixed Conductors, $\text{Ag}_x\text{I}_w\text{Bi}_2\text{Sr}_2\text{Ca}_{n-1}\text{Cu}_a\text{O}_y$ ($0.75 < x < 1.2$, $n = 1, 2$, and 3). <i>Molecular Crystals and Liquid Crystals</i> , 1998, 311, 423-428.	0.3	0
367	Development of Electrochromic Devices Working with Hydrophobic Lithium Electrolyte. <i>Active and Passive Electronic Components</i> , 1998, 20, 201-213.	0.3	3
368	The Effect of Lithium Intercalation on the Crystal Structure and Magnetic Property of Layered FeWO_4Cl . <i>Japanese Journal of Applied Physics</i> , 1997, 36, 2656-2660.	1.5	1
369	X-Ray Absorption Spectroscopic Studies on Layered FeWO_4Cl and Its Lithium Intercalate. <i>Japanese Journal of Applied Physics</i> , 1997, 36, 5605-5609.	1.5	2
370	Raman spectroscopic evidence on molecular mercuric bromide in the two-dimensional lattice of $(\text{HgBr}_2)_{0.5}\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_y$ s. <i>Physical Review B</i> , 1997, 55, 5674-5677.	3.2	14
371	Oxalate coprecipitation route to the piezoelectric $\text{Pb}(\text{Zr,Ti})\text{O}_3$ oxide. <i>Journal of Materials Chemistry</i> , 1997, 7, 1807-1813.	6.7	21
372	Intracrystalline and Electronic Structures of Copper(II) Complexes Stabilized in Two-Dimensional Aluminosilicate. <i>Inorganic Chemistry</i> , 1997, 36, 189-195.	4.0	28
373	Citrate route to the piezoelectric $\text{Pb}(\text{Zr,Ti})\text{O}_3$ oxide. <i>Journal of Materials Chemistry</i> , 1997, 7, 1815-1820.	6.7	43
374	Intracrystalline Structure of Molecular Mercury Halide Intercalated in High-Tc Superconducting Lattice of $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_y$. <i>Journal of the American Chemical Society</i> , 1997, 119, 1624-1633.	13.7	98
375	New organo-montmorillonite complexes with hydrophobic and hydrophilic functions. <i>Materials Letters</i> , 1997, 33, 143-147.	2.6	46
376	Citrate route to the preparation of nanometer size $(\text{Pb}, \text{La}) (\text{Zr}, \text{Ti}) \text{O}_3$ oxide. <i>Materials Letters</i> , 1997, 32, 209-215.	2.6	18
377	X-ray absorption spectroscopic (XAS) study of nickel bisdithiolenes, $(n\text{-Bu}_4\text{N})_x[\text{Ni}(\text{dmbit})_2]$ ($x = 2, 1$), Tj ETQq1 1 0,784314 rgBT /Ove	2.2	4
378	X-ray Absorption Near-Edge Structure (XANES) of Iodine Intercalated C_{60} : Evidence of I^{2+} in I_2C_{60} . <i>Chemistry of Materials</i> , 1996, 8, 324-326.	6.7	14

#	ARTICLE	IF	CITATIONS
379	Crystal structure, magnetism and phase transformation in perovskites A_2CrNbO_6 ($A = Ca, Sr, Ba$). Journal of the Chemical Society, Faraday Transactions, 1996, 92, 1051.	1.7	36
380	<title>X-ray absorption spectroscopic study of new high- T_c superconducting intercalation compound of $(HgX_{2-x}Bi_x)_{2-y}O_{2+z}$ ($X=Br, I$)</title>., 1996, , .		0
381	Crystal structure and spectroscopic properties of $Li_xNi_{1-y}Ti_yO_2$ and their electrochemical behavior. Solid State Ionics, 1996, 86-88, 171-175.	2.7	52
382	Effect of HgI_2 intercalation on $Bi_2Sr_2CaCu_2O_y$: Interlayer coupling effect. Physical Review B, 1996, 53, 12416-12421.	3.2	13
383	Evolution of Superconducting Transition Temperature (T_c) upon Intercalation of $HgBr_2$ into the $Bi_2Sr_{1.5-x}La_xCa_{1.5}Cu_2O_y$. The Journal of Physical Chemistry, 1996, 100, 3783-3787.	2.9	19
384	Nano-engineering via intercalation: layer-by-layer interstratification of high- T_c superconducting and superionic materials $Ag_xLi_yBi_2Sr_2Ca_{n-1}Cu_nO_{2n+4}$ ($n=1, 2, \text{ and } 3$)., 1996, , .		0
385	Stabilization of the Mixed Valence Cu(III)/Cu(IV) in the Perovskite Lattice of $La_{1-x}Sr_xCuO_3$ under High Oxygen Pressure. Journal of Solid State Chemistry, 1995, 114, 88-94.	2.9	38
386	A Study of the Nonstoichiometry and Physical Properties of the Perovskite $Nd_{1-x}Ca_xFeO_{3-y}$ System. Journal of Solid State Chemistry, 1995, 114, 265-270.	2.9	27
387	Structure and Physical Properties of the Barium Niobium Sulfides $BaNbS_3$ and $BaNb_0.8S_3\hat{I}$. Journal of Solid State Chemistry, 1995, 115, 427-434.	2.9	13
388	Microwave Characteristics of $BaO-TiO_2$ Ceramics Prepared via a Citrate Route. Journal of the American Ceramic Society, 1995, 78, 1169-1172.	3.8	90
389	X-ray Absorption Spectroscopic Evidence on the Partial Formation of Copper(III) in the Superconducting $La_2CuO_{4.08}$. Journal of the American Chemical Society, 1995, 117, 7556-7557.	13.7	25
390	Local Distortion and Chemical Surroundings of NiO_6 Octahedra for Ni(III) Oxides with $K_{2}NiF_4$ -Type Structure. Japanese Journal of Applied Physics, 1995, 34, 6156-6163.	1.5	10
391	XANES and EXAFS Studies on the Ir-O Bond Covalency in Ionic Iridium Perovskites. Journal of the American Chemical Society, 1995, 117, 8557-8566.	13.7	114
392	Application of X-ray Absorption Spectroscopy in Determining the Crystal Structure of Low-Dimensional Compounds. Iron Oxychloride and its Alkoxy Substituents. Inorganic Chemistry, 1995, 34, 6524-6531.	4.0	37
393	Synthesis and magnetic properties of conductive nickel-dmbip complex. Synthetic Metals, 1995, 70, 1057-1058.	3.9	3
394	Magnetic properties of nickel(III) bis(benzene-1,2-dithiolate); $(n-Bu_4N)[Ni(dmbip)_2]$ and $(n-Bu_4N)[Ni(dmbip)_2]$. Synthetic Metals, 1995, 70, 1059-1060.	3.9	4
395	A new high- T_c superconducting intercalation compound. Synthetic Metals, 1995, 71, 1551-1553.	3.9	12
396	Structural and magnetic transformation of $La_{2-x}Bi_xCuO_4$ induced by electrochemical oxidation. Synthetic Metals, 1995, 71, 1627-1628.	3.9	0

#	ARTICLE	IF	CITATIONS
397	N-alkylammonium intercalated 2-d hydrous titanates and their thermotropic phase transition. Synthetic Metals, 1995, 71, 2053-2054.	3.9	14
398	A new 2-dimensional magnetic model for the layered compounds of FeMO_4Cl (M=Mo and W) with strong interlayer coupling. Synthetic Metals, 1995, 71, 2055-2056.	3.9	2
399	XANES study and rietveld refinement for the nanometer sized polycrystalline ferrite, $\text{AFe}_{12}\text{O}_{19}$ (A=Sr, Ba). Journal of Materials Chemistry, 1995, 5, 517.	3.9	2
400	Molecular layer-by-layer engineering of superconducting and superionic materials in the $(\text{AgI})\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_y$ system. The Journal of Physical Chemistry, 1995, 99, 7845-7848.	2.9	21
401	Variation of (Mn-O) covalency in AlaMgMnO_{6-x} (A = Ca, Sr, Ba) prepared under high pressure of 60kbar. High Pressure Research, 1995, 13, 183-192.	1.2	0
402	Iridium(III) stabilized in oxygen lattices with the perovskite structure $\text{Sr}_2\text{Mlr III O}_6$ (M = Nb, Ta). Journal of Materials Chemistry, 1995, 5, 517.	6.7	16
403	Hydroxide coprecipitation route to the piezoelectric oxide $\text{Pb}(\text{Zr,Ti})\text{O}_3$ (PZT). Journal of Materials Chemistry, 1995, 5, 65.	6.7	49
404	Citrate route to ultra-fine barium polytitanates with microwave dielectric properties. Journal of Materials Chemistry, 1995, 5, 57.	6.7	36
405	Evolution of high T_c superconductivity of $\text{Bi}_4\text{Sr}_3\text{Ca}_x\text{La}_x\text{Cu}_3\text{Cu}_4\text{O}_y$ upon iodine intercalation. Synthetic Metals, 1995, 71, 1589-1590.	3.9	4
406	Electrochemical property of surface modified polypyrrole film with heteropoly anions. Synthetic Metals, 1995, 69, 481-482.	3.9	23
407	Structural and magnetic transformation of $\text{La}_{2-x}\text{Bi}_x\text{CuO}_4$ induced by electrochemical oxidation. , 1994, , .		0
408	N-alkylammonium intercalated 2-D potassium titanates and their thermotropic phase transition. , 1994, , .		0
409	A new 2-dimensional magnetic model for the layered compounds, of FeMO_4Cl (M=Mo and W) with strong interlayer coupling. , 1994, , .		0
410	LIII-Edge XANES Study on Unusually High Valent Iridium in a Perovskite Lattice. The Journal of Physical Chemistry, 1994, 98, 6258-6262.	2.9	76
411	CuK-edge x-ray-absorption spectroscopic study on the octahedrally coordinated trivalent copper in the perovskite-related compounds $\text{La}_2\text{Li}_{0.5}\text{Cu}_{0.5}\text{O}_4$ and LaCuO_3 . Physical Review B, 1994, 50, 16631-16639.	3.2	56
412	Low-Dimensional and Extended Metal-Metal Bonded Networks in Transition Metal Compounds: $\text{Ba}_2\text{Nb}_5\text{O}_9$, $\text{Ba}_{2-x}\text{Y}_x\text{Nb}_5\text{O}_9$. Journal of Solid State Chemistry, 1994, 108, 253-259.	2.9	16
413	Stabilization of Unusual Oxidation States of Chromium, Cr(IV) and Cr(V), in the Ordered Perovskite $\text{La}_2\text{Li}_{1-x}\text{Cr}_x\text{O}_6$. Journal of Solid State Chemistry, 1994, 109, 289-294.	2.9	4
414	Competition of Covalency between CrIII-O and TaV-O Bonds in the Perovskites $\text{Ca}_2\text{CrTaO}_6$ and $\text{Sr}_2\text{CrTaO}_6$. Journal of Solid State Chemistry, 1994, 111, 370-379.	2.9	33

#	ARTICLE	IF	CITATIONS
415	Preparation of single-phase $\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3$ samples utilizing information from solubility relationships in the $\text{Pb}-\text{Mg}-\text{Nb}-\text{citric acid}-\text{H}_2\text{O}$ system. <i>Journal of Materials Chemistry</i> , 1994, 4, 1271-1274.	6.7	9
416	New Superconducting Intercalation Compounds: $(\text{HgX})_{0.5}\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_y$ (X = Br and I). <i>Journal of the American Chemical Society</i> , 1994, 116, 11564-11565.	13.7	59
417	Unusual High Oxidation State of Iodine Intercalated in the $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_x$ Superconductor. <i>Journal of Solid State Chemistry</i> , 1993, 102, 284-287.	2.9	21
418	Phase transition behavior in the perovskite-type layer compound $(\text{n-C}_{12}\text{H}_{25}\text{NH}_3)_2\text{CuCl}_4$. <i>Journal of Physics and Chemistry of Solids</i> , 1993, 54, 1567-1577.	4.0	39
419	Preparation and properties of new nickel bisdithiolene conductors, $[\text{n-Bu}_4\text{N}]_{0.29}[\text{Ni}(\text{dmbip})_2]$ and $[\text{n-Bu}_4\text{N}]_{0.59}[\text{Ni}(\text{dmbip})_2]$. <i>Synthetic Metals</i> , 1993, 56, 1705-1710.	3.9	4
420	Citrate sol-gel method for the preparation of $\gamma\text{-Al}_2\text{O}_3$ -alumina. <i>Materials Letters</i> , 1993, 16, 226-230.	2.6	17
421	A New Method to Determine the Oxygen Content of $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$: Open-Circuit Voltage Measurement. <i>Japanese Journal of Applied Physics</i> , 1993, 32, L400-L402.	1.5	5
422	Crystal Structure and the Role of Covalency in Eight-Layered Hexagonal $\text{Ba}_2\text{CrTaO}_6$. <i>Japanese Journal of Applied Physics</i> , 1993, 32, 4628-4634.	1.5	5
423	Physico-Chemical Characterization of $\text{Na}_3\text{Zr}_2\text{Si}_2\text{PO}_{12}$ Fine Powders Prepared by Sol-Gel Method Using Citrates. <i>Japanese Journal of Applied Physics</i> , 1993, 32, 1154-1159.	1.5	21
424	Thermotropic phase transitions in the bidimensional compound $(\text{C}_{10}\text{H}_{21}\text{NH}_3)_2\text{CuCl}_4$. <i>Journal De Chimie Physique Et De Physico-Chimie Biologique</i> , 1993, 90, 1829-1854.	0.2	4
425	High Pressure Synthesis of a New Perovskite, $(\text{SrLa})(\text{MgMn})\text{O}_{6-x}$. <i>Japanese Journal of Applied Physics</i> , 1992, 31, 3649-3654.	1.5	8
426	Thermodynamic studies on $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ and Y_2BaCuO_5 by solution calorimetry. <i>Materials Letters</i> , 1992, 15, 156-161.	2.6	1
427	Synthesis and structural analysis of the new layered compound $[\text{FeWO}_4\text{Cl}]$. <i>Journal of the Chemical Society Dalton Transactions</i> , 1991, , 1647.	1.1	3
428	Influence of competing bonds along the c-axis on the local distortion of the (CoO_6) octahedron in K_2NiF_4 -type oxides $\text{A}_{0.5}\text{La}_{1.5}\text{Mg}_{0.5}\text{Co}_{0.5}\text{O}_4$ (A = Ca, Sr and Ba). <i>Solid State Communications</i> , 1991, 80, 457-463.	8.0	7
429	Stabilization of Fe(V) as substituting element in the La_2LiVO_6 perovskite lattice. <i>Solid State Communications</i> , 1991, 77, 647-649.	1.9	10
430	High spin FeIV stabilized in the La LiVO_6 perovskite lattice under high pressure. <i>Solid State Communications</i> , 1991, 80, 683-686.	1.9	7
431	Oxygen distribution in silver sheathed $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}/\text{Ag}_{0.3}$ superconducting wire determined by micro-Raman spectroscopy. <i>Physica C: Superconductivity and Its Applications</i> , 1991, 185-189, 2405-2406.	1.2	1
432	Physicochemical distinction between Cu^{3+} and O^{2-} in $\text{YBa}_2\text{Cu}_3\text{O}_{6.5-x}$ lattice upon oxidation reaction of bromide and spectroscopic analyses. <i>Physica C: Superconductivity and Its Applications</i> , 1991, 185-189, 763-764.	1.2	12

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433	A solution calorimetric study on stability of superconducting YBa ₂ Cu ₃ O _{6.91} . Physica C: Superconductivity and Its Applications, 1991, 185-189, 773-774.	1.2	0
434	An enhancement of electron localization in (Cu—O) bond upon vanadium substitution in YBa ₂ Cu ₃ ~xVxO ₇ ~f superconductor. Physica C: Superconductivity and Its Applications, 1991, 185-189, 955-956.	1.2	0
435	A novel method to prepare highly dense ceramics of YBa ₂ Cu ₃ O ₇ ~f. Physica C: Superconductivity and Its Applications, 1991, 185-189, 433-434.	1.2	0
436	Citrate sol-gel route to high T _c superconducting Y—,Ba—,Cu—,O fiber. Physica C: Superconductivity and Its Applications, 1991, 185-189, 511-512.	1.2	6
437	Electrochemically prepared high T _c superconductor, La ₂ CuO ₄ + f and its x-ray photoelectron spectroscopic analysis. Physica C: Superconductivity and Its Applications, 1991, 185-189, 567-568.	1.2	5
438	A spectroscopic study on the existence of Cu ³⁺ OR O ₂ ~2 in the superconducting YBa ₂ Cu ₃ ~xCoxO ₇ ~f phase. Journal of Physics and Chemistry of Solids, 1991, 52, 545-549.	4.0	11
439	Variation of covalent character of (Mn-O) bond in CaLaMgMnO _{6-x} prepared under oxygen pressure of 60 kbar and 1 bar. High Pressure Research, 1991, 7, 293-295.	1.2	0
440	Ultra-fine (PMN) powder synthesized from metal-citrate gel by thermal shock method. Materials Research Bulletin, 1990, 25, 283-291.	5.2	45
441	A new perovskite-type oxide (BaLa)(MgMn)O ₆ ~x(x~0.21) prepared under high oxygen pressure and its physico-chemical characterization. Journal of Physics and Chemistry of Solids, 1990, 51, 391-396.	4.0	10
442	High-pressure synthesis of cubic perovskite CaLaMgMnO _{5.5+x} . Journal of Solid State Chemistry, 1990, 84, 1-9.	2.9	11
443	X-ray Photoelectron Spectroscopic Evidence for Cu ³⁺ -Valence State in Superconducting Phase, YBa ₂ Cu ₃ O ₇ ~f. Molecular Crystals and Liquid Crystals Incorporating Nonlinear Optics, 1990, 184, 61-67.	0.3	1
444	Preparation of 90K superconductor YBa ₂ Cu ₃ O ₇ ~f via oxide precursors BaCuO ₂ and Y ₂ Cu ₂ O ₅ . Materials Research Bulletin, 1989, 24, 867-874.	5.2	9
445	Infrared absorption investigations of the Al ₃ MgCoO ₈ (A = Ca, Sr, Ba) oxides. Journal of Solid State Chemistry, 1989, 80, 40-44.	2.9	6
446	Preparation of the ordered perovskite (SrLa)(MgMo)O ₆ and its physico-chemical characterization. Journal of the Chemical Society Dalton Transactions, 1989, , 2335.	1.1	3
447	X-ray diffraction, differential scanning calorimetry, and spectroscopic studies of phase transitions in FeOCl-n-alkylamine intercalation complexes. Journal of Solid State Chemistry, 1988, 77, 60-66.	2.9	7
448	Ir, Raman, and X-ray photoelectron spectroscopy investigations of the ordered cubic perovskite La ₂ LiVO ₆ . Journal of Solid State Chemistry, 1988, 76, 97-101.	2.9	10
449	Preparation of new intercalation complexes of n-alkylamines with FeMoO ₄ Cl and electrochemical lithiation of FeMoO ₄ Cl. Materials Research Bulletin, 1988, 23, 73-86.	5.2	10
450	A vanadate (V) oxide with perovskite structure: La ₂ LiVO ₆ , comparison with homologous La ₂ LiMO ₆ phases (M = Fe, Nb, Mo, Ru, Ta, Re, Os, Ir). Materials Research Bulletin, 1987, 22, 735-740.	5.2	21

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451	Intercalation of n-alkylmonoamine and n-alkyldiamine in VOCl ₂ . Materials Research Bulletin, 1985, 20, 1401-1408.	5.2	5
452	Characterization of 2:1 type layered aluminosilicate via intercalation reaction. Korean Journal of Chemical Engineering, 1984, 1, 99-104.	2.7	0
453	Determination of ionic valency pairs via lattice constants in ordered perovskites (A ₂) ₂ (Mn ²⁺ +Mo ⁵⁺)O ₆ (A = Ba, Sr, Ca) with applications to (A ₂) ₂ (Fe ³⁺ +Mo ⁴⁺)O ₆ , Ba ₂ (Bi ³⁺ +Bi ⁵⁺)O ₆ and Ba ₂ (Bi ³⁺ +Sb ⁵⁺)O ₆ . Journal of Solid State Chemistry, 1977, 20, 233-244.	2.9	71