# Yoshiyuki Sugahara

List of Publications by Year
in descending order

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|---|---|---|---|
| 203 papers | 7,000 citations | 50276 46 h-index | 69250 77 g-index |
| 210 all docs | 210 docs citations | 210 times ranked | 7162 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Preparation of water-dispersible Janus nanosheets from K4Nb6O17Â·3H2O and their behaviour as a two-dimensional surfactant on airâ€“water and water-toluene interfaces. Dalton Transactions, 2022, , . | 3.3 | 2 |
| 2 | Development of Chemical Synthesis Methods Based on Fusion of Inorganic and Organic Chemistry for Ceramic Powder Preparation and Surface Modification Methods of Nanoparticles and Nanosheets. Funtai Oyobi Fummatsu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy, 2022, 69, 13-21. | 0.2 | 1 |
| 3 | Preparation of double-layered nanosheets containing pH-responsive polymer networks in the interlayers and their conversion into single-layered nanosheets through the cleavage of cross-linking points. Dalton Transactions, 2022, 51, 6264-6274. | 3.3 | 1 |
| 4 | Loss of a membrane phase under soft confinement conditions imposed by a porous silica colloids network. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 608, 125554. | 4.7 | 0 |
| 5 | A novel approach to characterization of a relatively unstable intercalation compound under ambient conditions: revisiting a kaolinite-acetone intercalation compound. Dalton Transactions, 2021, 50, 6290-6296. | 3.3 | 2 |
| 6 | Free-standing membranes from the chemical exfoliation of mesoporous amorphous titania thin film. Chemical Communications, 2021, 57, 7513-7516. | 4.1 | 2 |
| 7 | Single Atomâ€Based Nanoarchitectured Electrodes for Highâ€Performance Lithiumâ€“Sulfur Batteries. Advanced Materials Interfaces, 2021, 8, 2002159. | 3.7 | 22 |
| 8 | A kaolinite-tetrabutylphosphonium bromide intercalation compound as an effective intermediate for intercalation of bulky organophosphonium salts. Applied Clay Science, 2021, 206, 106038. | 5.2 | 4 |
| 9 | Electrochemical energy storage performance of 2D nanoarchitectured hybrid materials. Nature Communications, 2021, 12, 3563. | 12.8 | 62 |
| 10 | Nanoarchitecturing Carbon Nanodot Arrays on Zeolitic Imidazolate Framework-Derived Cobaltâ€“Nitrogen-Doped Carbon Nanoflakes toward Oxygen Reduction Electrocatalysts. ACS Nano, 2021, 15, 13240-13248. | 14.6 | 38 |
| 11 | Intercalation of a Cationic Cyanine Dye Assisted by Anionic Surfactants within Mgâ€“Al Layered Double Hydroxide. ACS Omega, 2021, 6, 23837-23845. | 3.5 | 4 |
| 12 | Heterostructuring Mesoporous 2D Iridium Nanosheets with Amorphous Nickel Boron Oxide Layers to Improve Electrolytic Water Splitting. Small Methods, 2021, 5, e2100679. | 8.6 | 40 |
| 13 | Ni-Doped Protonated Layered Titanate/TiO2 Composite with Efficient Photocatalytic Activity for NO<math xmlns="http://www.w3.org/1998/Math/MathML" id="M1"> <msub> <mrow /> <mrow> <mi>x</mi> </mrow> </msub> </math> Decomposition Reactions. International Journal of Photoenergy, 2021, 2021, 1-9. | 2.5 | 4 |
| 14 | Preparation of biocompatible hydrogels reinforced by different nanosheets. RSC Advances, 2021, 12, 753-761. | 3.6 | 2 |
| 15 | Tuning down the environmental interests of organoclays for emerging pollutants: Pharmaceuticals in presence of electrolytes. Chemosphere, 2020, 239, 124730. | 8.2 | 16 |
| 16 | Holey Assembly of Twoâ€Dimensional Ironâ€Doped Nickelâ€Cobalt Layered Double Hydroxide Nanosheets for Energy Conversion Application. ChemSusChem, 2020, 13, 1645-1655. | 6.8 | 104 |
| 17 | Preparation of Nb-doped TiO2 nanopowder by liquid-feed spray pyrolysis followed by ammonia annealing for tunable visible-light absorption and inhibition of photocatalytic activity. Ceramics International, 2020, 46, 1314-1322. | 4.8 | 22 |
| 18 | Stabilization of self-assembled lipids in exfoliated organo-nanosheets. Chemical Physics Letters, 2020, 739, 136954. | 2.6 | 0 |

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|---|---|---|---|
| 19 | Highly Efficient Surface Modification of Layered Perovskite Nanosheets with a Phosphorus Coupling Reagent Making Use of Microchannels. Langmuir, 2020, 36, 7252-7258. | 3.5 | 4 |
| 20 | Dual-functional Janus Nanosheets with Cation Exchangeability and Thermo-responsiveness Prepared via Regioselective Modification of K<sub>4</sub>Nb<sub>6</sub>O<sub>17</sub>Â·3H<sub>2</sub>O. Chemistry Letters, 2020, 49, 1058-1061. | 1.3 | 4 |
| 21 | Mesoporous Iron-doped MoS<sub>2</sub>/CoMo<sub>2</sub>S<sub>4</sub> Heterostructures through Organicâ€“Metal Cooperative Interactions on Spherical Micelles for Electrochemical Water Splitting. ACS Nano, 2020, 14, 4141-4152. | 14.6 | 156 |
| 22 | Use of a clay mineral and its nonionic and cationic organoclay derivatives for the removal of pharmaceuticals from rural wastewater effluents. Chemosphere, 2020, 259, 127480. | 8.2 | 27 |
| 23 | Phosphorus- and Nitrogen-Doped Carbon Nanosheets Constructed with Monolayered Mesoporous Architectures. Chemistry of Materials, 2020, 32, 4248-4256. | 6.7 | 41 |
| 24 | Multiscale structural optimization: Highly efficient hollow iron-doped metal sulfide heterostructures as bifunctional electrocatalysts for water splitting. Nano Energy, 2020, 75, 104913. | 16.0 | 119 |
| 25 | Crystalline Porous Organic Polymer Bearing â˜SO<sub>3</sub>H Functionality for High Proton Conductivity. ACS Sustainable Chemistry and Engineering, 2020, 8, 2423-2432. | 6.7 | 43 |
| 26 | Preparation and Comparative Stability of a Kaolinite-Tetrabutylphosphonium Bromide Intercalation Compound for Heat and Solvent Treatments. Langmuir, 2019, 35, 13553-13561. | 3.5 | 10 |
| 27 | Pore shape-reflecting morphosynthesis of lithium niobium oxide via mixed chloride flux growth in the presence of mesoporous silica. Nanoscale Advances, 2019, 1, 1726-1730. | 4.6 | 1 |
| 28 | Preparation of inorganic-organic hybrid gels by radical exchange reaction using TiO2 nanoparticles modified with organophosphonic acid bearing C-ON bonds. Materials Today: Proceedings, 2019, 16, 180-186. | 1.8 | 0 |
| 29 | Rational design and construction of nanoporous iron- and nitrogen-doped carbon electrocatalysts for oxygen reduction reaction. Journal of Materials Chemistry A, 2019, 7, 1380-1393. | 10.3 | 159 |
| 30 | Preparation of Fe3O4 nanoparticles modified with n-dodecylphosphonic acid via a one-pot nonaqueous process using an oxidation reaction of tetrachloroferrate (III) anions by pyridine-N-oxide. Materials Research Bulletin, 2019, 118, 110475. | 5.2 | 2 |
| 31 | Interlayer grafting of kaolinite using trimethylphosphate. Dalton Transactions, 2019, 48, 11663-11673. | 3.3 | 16 |
| 32 | Surface Modification of Layered Perovskite Nanosheets with a Phosphorus Coupling Reagent in a Biphasic System. Langmuir, 2019, 35, 6594-6601. | 3.5 | 7 |
| 33 | Nanoarchitectonics for Transitionâ€Metalâ€Sulfideâ€Based Electrocatalysts for Water Splitting. Advanced Materials, 2019, 31, e1807134. | 21.0 | 998 |
| 34 | Chemical Design of Palladiumâ€Based Nanoarchitectures for Catalytic Applications. Small, 2019, 15, e1804378. | 10.0 | 90 |
| 35 | Continuous mesoporous Pd films with tunable pore sizes through polymeric micelle-assisted assembly. Nanoscale Horizons, 2019, 4, 960-968. | 8.0 | 26 |
| 36 | Biomoleculeâ€Assisted Synthesis of Hierarchical Multilayered Boehmite and Alumina Nanosheets for Enhanced Molybdenum Adsorption. Chemistry - A European Journal, 2019, 25, 4843-4855. | 3.3 | 16 |

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| 37 | Nonaqueous synthesis of magnetite nanoparticles via oxidation of tetrachloroferrate anions by pyridine-N-oxide. Solid State Sciences, 2019, 92, 81-88. | 3.2 | 5 |
| 38 | Organic-Inorganic Hybrid Materials. , 2019, , 213-233. | | 1 |
| 39 | Preparation of Element-Block Materials Using Inorganic Nanostructures and Their Applications. , 2019, , 219-241. | | 0 |
| 40 | General template-free strategy for fabricating mesoporous two-dimensional mixed oxide nanosheetsviaself-deconstruction/reconstruction of monodispersed metal glycerate nanospheres. Journal of Materials Chemistry A, 2018, 6, 5971-5983. | 10.3 | 81 |
| 41 | Controlled Chemical Vapor Deposition for Synthesis of Nanowire Arrays of Metalâ€“Organic Frameworks and Their Thermal Conversion to Carbon/Metal Oxide Hybrid Materials. Chemistry of Materials, 2018, 30, 3379-3386. | 6.7 | 264 |
| 42 | Distribution Control-Oriented Intercalation of a Cationic Metal Complex into Layered Silicates Modified with Organosulfonic-Acid Moieties. Langmuir, 2018, 34, 4762-4773. | 3.5 | 7 |
| 43 | Competitive Association of Antibiotics with a Clay Mineral and Organoclay Derivatives as a Control of Their Lifetimes in the Environment. ACS Omega, 2018, 3, 15332-15342. | 3.5 | 29 |
| 44 | Phosphorus-Based Mesoporous Materials for Energy Storage and Conversion. Joule, 2018, 2, 2289-2306. | 24.0 | 65 |
| 45 | Hollow Porous Heterometallic Phosphide Nanocubes for Enhanced Electrochemical Water Splitting. Small, 2018, 14, e1802442. | 10.0 | 166 |
| 46 | Solid-State <sup>31</sup>P Nuclear Magnetic Resonance Study of Interlayer Hydroxide Surfaces of Kaolinite Probed with an Interlayer Triethylphosphine Oxide Monolayer. Langmuir, 2018, 34, 12694-12701. | 3.5 | 26 |
| 47 | Inorganic Janus nanosheets bearing two types of covalently bound organophosphonate groups via regioselective surface modification of K<sub>4</sub>Nb<sub>6</sub>O<sub>17</sub>Â·3H<sub>2</sub>O. Chemical Communications, 2018, 54, 5756-5759. | 4.1 | 18 |
| 48 | Two-dimensional mesoporous vanadium phosphate nanosheets through liquid crystal templating method toward supercapacitor application. Nano Energy, 2018, 52, 336-344. | 16.0 | 65 |
| 49 | Preparation of 3D open ordered mesoporous carbon single-crystals and their structural evolution during ammonia activation. Chemical Communications, 2018, 54, 9494-9497. | 4.1 | 15 |
| 50 | Effects of nanostructured biosilica on rice plant mechanics. RSC Advances, 2017, 7, 13065-13071. | 3.6 | 20 |
| 51 | Area-selective Surface Modification of Si Substrates with a Fluorescent Organophosphonic Acid Using the Differences in Reactivities of Their Surface Terminal Groups. Chemistry Letters, 2017, 46, 1010-1013. | 1.3 | 0 |
| 52 | Room-Temperature Rutile TiO<sub>2</sub> Nanoparticle Formation on Protonated Layered Titanate for High-Performance Heterojunction Creation. ACS Applied Materials & Interfaces, 2017, 9, 24538-24544. | 8.0 | 27 |
| 53 | Enantioselective incorporation of dicarboxylate guests by octacalcium phosphate. Chemical Communications, 2017, 53, 6524-6527. | 4.1 | 16 |
| 54 | Synthesis of TiO<sub>2</sub>-Polythiophene Hybrid Nanotubes and Their Porphyrin Composites. Chemistry Letters, 2017, 46, 354-356. | 1.3 | 1 |

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| 55 | Modification of TiO<sub>2</sub> Nanoparticles with Oleyl Phosphate via Phase Transfer in the Tolueneâ€“Water System and Application of Modified Nanoparticles to Cyclo-Olefin-Polymer-Based Organicâ€“Inorganic Hybrid Films Exhibiting High Refractive Indices. ACS Applied Materials & Interfaces, 2017, 9, 1907-1912. | 8.0 | 19 |
| 56 | Synthesis of mesostructured manganese phosphonate and its promising energy storage application. Journal of Materials Chemistry A, 2017, 5, 23259-23266. | 10.3 | 24 |
| 57 | Effect of the graft density of cellulose diacetate-modified layered perovskite nanosheets on mechanical properties of the transparent organicâ€“inorganic hybrids bearing covalent bonds at the interface. Cellulose, 2017, 24, 5463-5473. | 4.9 | 7 |
| 58 | Borophosphonate Cages as Element-blocks: Ab Initio Calculation of the Electronic Structure of a Simple Borophosphonate, [HPO<sub>3</sub>BH]<sub>4</sub>, and Synthesis of Two Novel Borophosphonate Cages with Polymerizable Groups. Chemistry Letters, 2017, 46, 181-184. | 1.3 | 4 |
| 59 | Preparation of Element Block by Surface Modification of Magnetite Nanoparticles and Their Application. Funtai Oyobi Fummatsu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy, 2017, 64, 116-120. | 0.2 | 1 |
| 60 | Remarkable Charge Separation and Photocatalytic Efficiency Enhancement through Interconnection of TiO<sub>2</sub> Nanoparticles by Hydrothermal Treatment. Angewandte Chemie, 2016, 128, 3664-3669. | 2.0 | 16 |
| 61 | Preparation of Transparent Bulk TiO<sub>2</sub>/PMMA Hybrids with Improved Refractive Indices via an in Situ Polymerization Process Using TiO<sub>2</sub> Nanoparticles Bearing PMMA Chains Grown by Surface-Initiated Atom Transfer Radical Polymerization. ACS Applied Materials & Interfaces, 2016, 8, 34762-34769. | 8.0 | 28 |
| 62 | Unprecedentedly enhanced solar photocatalytic activity of a layered titanate simply integrated with TiO<sub>2</sub> nanoparticles. Physical Chemistry Chemical Physics, 2016, 18, 30920-30925. | 2.8 | 32 |
| 63 | Crystallization behavior of cubic boron nitride from an amorphous BN precursor via high-pressure, high-temperature treatment with controlled water addition. Journal of the European Ceramic Society, 2016, 36, 3565-3569. | 5.7 | 6 |
| 64 | Intercalation of n-alkylamines and alkylene diamines into carboxyl functionalized lamellar-type silsesquioxane. Journal of the Ceramic Society of Japan, 2016, 124, 1090-1093. | 1.1 | 0 |
| 65 | Remarkable Charge Separation and Photocatalytic Efficiency Enhancement through Interconnection of TiO<sub>2</sub> Nanoparticles by Hydrothermal Treatment. Angewandte Chemie - International Edition, 2016, 55, 3600-3605. | 13.8 | 116 |
| 66 | Preparation of Thermoresponsive Nanosheets Exhibiting Phase Transitions in Water via Surface Modification of Layered Perovskite Nanosheets with Poly(N-isopropylacrylamide) (PNIPAAm). Chemistry Letters, 2015, 44, 203-205. | 1.3 | 25 |
| 67 | Preparation of Oleyl Phosphate-Modified TiO<sub>2</sub>/Poly(methyl methacrylate) Hybrid Thin Films for Investigation of Their Optical Properties. Journal of Nanomaterials, 2015, 2015, 1-7. | 2.7 | 13 |
| 68 | Temperature dependence of Ce:YAG single-crystal phosphors for high-brightness white LEDs/LDs. Materials Research Express, 2015, 2, 055503. | 1.6 | 105 |
| 69 | Intercalation of triethylphosphine oxide bearing a phosphoryl group into Dionâ€“Jacobson-type ion-exchangeable layered perovskites. Dalton Transactions, 2015, 44, 3002-3008. | 3.3 | 9 |
| 70 | Ce:(Y$_{1-x}$Lu$_{x}$)$_{3}$Al$_{5}$O$_{12}$ single-crystal phosphor plates for high-brightness white LEDs/LDs with high-color rendering (Ra > 90) and temperature stability. Materials Research Express, 2014, 1, 025041. | 1.6 | 32 |
| 71 | Layered perovskite nanosheets bearing fluoroalkoxy groups: their preparation and application in epoxy-based hybrids. RSC Advances, 2014, 4, 26932-26939. | 3.6 | 18 |
| 72 | Single- and Double-Layered Organically Modified Nanosheets by Selective Interlayer Grafting and Exfoliation of Layered Potassium Hexaniobate. Langmuir, 2014, 30, 1169-1175. | 3.5 | 44 |

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| 73 | Chemical processes employing inorganic layered compounds for inorganic and inorganicâ€“organic hybrid materials. Journal of the Ceramic Society of Japan, 2014, 122, 523-529. | 1.1 | 17 |
| 74 | Preparation of water-dispersible TiO2 nanoparticles from titanium tetrachloride using urea hydrogen peroxide as an oxygen donor. CrystEngComm, 2013, 15, 10533. | 2.6 | 16 |
| 75 | Analysis of disordered nonstoichiometric Ln1â€“xAexF3â€“x (Ln = Tb or Gd, and Ae = Ca or Sr) single crystals. Zeitschrift Fur Kristallographie - Crystalline Materials, 2013, 228, . | 0.8 | 0 |
| 76 | Epoxyâ€based hybrids using TiO<sub>2</sub> nanoparticles prepared via a nonâ€hydrolytic solâ€“gel route. Applied Organometallic Chemistry, 2013, 27, 673-677. | 3.5 | 23 |
| 77 | Properties of Czochralski grown Ce,Gd:Y3Al5O12 single crystal for white light-emitting diode. Journal of Alloys and Compounds, 2013, 553, 89-92. | 5.5 | 65 |
| 78 | Microstructural behavior of Î³-Fe2O3 formation in reactions between layered iron oxychloride and sodium n-pentoxide. Solid State Sciences, 2013, 19, 156-161. | 3.2 | 6 |
| 79 | UV-Visible Faraday Rotators Based on Rare-Earth Fluoride Single Crystals: LiREF<sub>4</sub> (RE=Tb,) Tj ETQq1 1 0.784314 rgBT /Ov | 0.4 | 4 |
| 80 | Effects of structural differences in starting materials on the formation behavior of cubic silicon nitride by shock compression. Journal of the Ceramic Society of Japan, 2013, 121, 741-744. | 1.1 | 3 |
| 81 | Characterization of gas barrier silica coatings prepared from perhydropolysilazane films by vacuum ultraviolet irradiation. Journal of the Ceramic Society of Japan, 2013, 121, 215-218. | 1.1 | 15 |
| 82 | Preparation of LiClO4-doped Titanium Organodiphosphonates Possessing Oligomeric Ethylene Oxide Chains and Their Ionic Conductivity. Chemistry Letters, 2013, 42, 318-320. | 1.3 | 0 |
| 83 | Variation of Chemical Vapor Deposited SiO$_{2}$ Density Due to Generation and Shrinkage of Open Space During Thermal Annealing. Japanese Journal of Applied Physics, 2012, 51, 021101. | 1.5 | 9 |
| 84 | UV-visible Faraday rotators based on rare-earth fluoride single crystals: LiREF_4 (RE = Tb, Dy, Ho, Er) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 | 3.4 | 95 |
| 85 | Synthesis of spherical aggregates of leaf-like YPO<sub>4</sub> particles via hydrolysis of tri-n-butylphosphate. Journal of the Ceramic Society of Japan, 2012, 120, 204-206. | 1.1 | 0 |
| 86 | Preparation of Î±-Zirconium Phosphate from Fluorozirconate and Phosphoric Acid by Liquid-phase Deposition. Chemistry Letters, 2012, 41, 555-557. | 1.3 | 7 |
| 87 | Solâ€“Gel-derived Bridged Polysilsesquioxane as a Hydrogen Peroxide Decomposition Catalyst: Immobilization of a Dimanganese Complex and Its Improved Thermal Stability. Chemistry Letters, 2012, 41, 591-592. | 1.3 | 0 |
| 88 | Preparation of epoxy-based hybrid films from an aqueous TiO2 dispersion via solvent exchange and surface modification with n-octylphosphonic acid. Composite Interfaces, 2012, 19, 593-601. | 2.3 | 4 |
| 89 | Variation of Chemical Vapor Deposited SiO2Density Due to Generation and Shrinkage of Open Space During Thermal Annealing. Japanese Journal of Applied Physics, 2012, 51, 021101. | 1.5 | 0 |
| 90 | Smoothing of surface of silica glass by heat treatment in wet atmosphere. Journal of Applied Physics, 2011, 109, . | 2.5 | 5 |

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| 91 | Hydrolysis behavior of a precursor for bridged polysilsesquioxane 1,4-bis(triethoxysilyl)benzene: a 29Si NMR study. Journal of Sol-Gel Science and Technology, 2011, 57, 51-56. | 2.4 | 15 |
| 92 | Formation of Sïï£¿Oï£¿N networks from silsesquiazanes. Applied Organometallic Chemistry, 2010, 24, 608-611. | 3.5 | 2 |
| 93 | Preparation of Phenylsilsesquioxane Films from Phenylsilsesquiazane Possessing Siâ€“N Backbones. Science of Advanced Materials, 2010, 2, 195-199. | 0.7 | 2 |
| 94 | Improvement of Dielectric Properties on Deposited SiO2Caused by Stress Relaxation with Thermal Annealing. Japanese Journal of Applied Physics, 2009, 48, 05DB03. | 1.5 | 9 |
| 95 | Interlayer surface modification of the protonated ion-exchangeable layered perovskite HLaNb<sub>2</sub>O<sub>7</sub>â€¢xH<sub>2</sub>O with organophosphonic acids. Chemistry of Materials, 2009, 21, 4155-4162. | 6.7 | 52 |
| 96 | Suppression of Leakage Current of Deposited SiO<sub>2</sub> with Bandgap Increasing by High Temperature Annealing. ECS Transactions, 2009, 19, 403-413. | 0.5 | 8 |
| 97 | An Inorganicâ€“Organic Hybrid Possessing a Two-dimensional Tiâ€“O Network and Surface Ethoxy Groups Prepared via a Reaction of Titanium Oxychloride with Lithium Ethoxide. Chemistry Letters, 2009, 38, 244-245. | 1.3 | 2 |
| 98 | Sizeâ€•and Shapeâ€Controlled Conversion of Tungstateâ€Based Inorganicâ€“Organic Hybrid Belts to WO<sub>3</sub> Nanoplates with High Specific Surface Areas. Small, 2008, 4, 1813-1822. | 10.0 | 183 |
| 99 | Modification of perhydropolysilazane with aluminum hydride: Preparation of poly(aluminasilazane)s and their conversion into Siâ€“Alâ€“Nâ€“C ceramics. Journal of the European Ceramic Society, 2008, 28, 271-277. | 5.7 | 11 |
| 100 | Organic derivatives of the layered perovskite HLaNb2O7Â·xH2O with polyether chains on the interlayer surface: characterization, intercalation of LiClO4, and ionic conductivity. Journal of Materials Chemistry, 2008, 18, 3581. | 6.7 | 26 |
| 101 | Preparation of Precursors for Aluminum Nitride-Based Ceramic Composites from Cage-Type and Cyclic Building Blocks. Key Engineering Materials, 2008, 403, 249-250. | 0.4 | 0 |
| 102 | Investigation of Factors Influencing the Formation of Tungstate-Based Inorganic-Organic Hybrid Nanobelts/Nanotubes. Key Engineering Materials, 2007, 352, 85-88. | 0.4 | 4 |
| 103 | Preparation of a Reduced Layered Tungstic Acid HxW2O7 via Acid Treatment of Bi2W2O9 in the Presence of Sn2+ Ions. Materials Research Society Symposia Proceedings, 2007, 1056, 1. | 0.1 | 1 |
| 104 | Surface Modification of Titania Particles with Urushiol (Japanese Lacquer) and Its Application to the Preparation of Polymerâ€“Titania Hybrids. Chemistry Letters, 2007, 36, 856-857. | 1.3 | 13 |
| 105 | Reactivity of the Ruddlesdenâˆ’Popper Phase H2La2Ti3O10with Organic Compounds:Â Intercalation and Grafting Reactions. Chemistry of Materials, 2007, 19, 2352-2358. | 6.7 | 65 |
| 106 | Tungstate-Based Inorganicâˆ’Organic Hybrid Nanobelts/Nanotubes with Lamellar Mesostructures:â€‰ Synthesis, Characterization, and Formation Mechanism. Chemistry of Materials, 2007, 19, 1808-1815. | 6.7 | 59 |
| 107 | Luminescence of Tris(2,2â€˜-bipyridine)ruthenium(II) Cations ([Ru(bpy)3]2+) Adsorbed in Mesoporous Silicas Modified with Sulfonated Phenethyl Group. Journal of Physical Chemistry B, 2007, 111, 8836-8841. | 2.6 | 32 |
| 108 | Characterization of Bi5Nb3O15 by refinement of neutron diffraction pattern, acid treatment and reaction of the acid-treated product with n-alkylamines. Journal of Solid State Chemistry, 2007, 180, 2517-2524. | 2.9 | 35 |

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| 109 | Preparation of Si-Al-N-C Ceramic Composites by Pyrolysis of Blended Precursors. Journal of the Ceramic Society of Japan, 2006, 114, 497-501. | 1.3 | 14 |
| 110 | Organic-to-Inorganic Conversion Process of a Cage-Type AlN Precursor Poly(ethyliminoalane). Journal of the Ceramic Society of Japan, 2006, 114, 563-566. | 1.3 | 8 |
| 111 | Intercalation of Î±,Ï‰-Diaminoalkanes in the Interlayer Space of the Protonated Form of the Layered Perovskite H1.8Bi0.2Sr0.8Ta2O7. Chemistry Letters, 2006, 35, 1292-1293. | 1.3 | 7 |
| 112 | One-Pot Synthesis of Soluble Precursors Possessing Both Alâ€“N and Bâ€“N Backbones and Their Pyrolysis. Bulletin of the Chemical Society of Japan, 2006, 79, 1681-1687. | 3.2 | 2 |
| 113 | Pyrolytic Organic-to-Inorganic Conversion of Precursors into AlN-A Review. Journal of the Ceramic Society of Japan, 2006, 114, 461-472. | 1.3 | 14 |
| 114 | Preparation and pyrolysis of poly(allyl iminoalane-co-ethyl iminoalane)s [HAlN(allyl)]m[HAlNEt]n. Journal of Organometallic Chemistry, 2006, 691, 4289-4296. | 1.8 | 6 |
| 115 | Preparation of a nanocomposite consisting of a siloxane network and perovskite-related nanosheets via a solâ€“gel process. Science and Technology of Advanced Materials, 2006, 7, 446-450. | 6.1 | 9 |
| 116 | Local environments and dynamics of hydrogen atoms in protonated forms of ion-exchangeable layered perovskites estimated by solid-state 1H NMR. Journal of Solid State Chemistry, 2006, 179, 3357-3364. | 2.9 | 16 |
| 117 | Preparation of a novel organic derivative of the layered perovskite bearing HLaNb2O7Â·nH2O interlayer surface trifluoroacetate groups. Materials Research Bulletin, 2006, 41, 834-841. | 5.2 | 31 |
| 118 | Pyrolytic conversion of an Alï£¿Sïï£¿Nï£¿C precursor prepared via hydrosilylation between [Me(H)SiNH]4 and [HAlN(allyl)]m[HAlN(ethyl)]n. Applied Organometallic Chemistry, 2006, 20, 527-534. | 3.5 | 8 |
| 119 | Preparation of Organicâ^'Inorganic Hybrids Possessing Nanosheets with Perovskite-Related Structures via Exfoliation during a Solâ^'Gel Process. Chemistry of Materials, 2005, 17, 6198-6204. | 6.7 | 47 |
| 120 | Hydrolysis and Condensation Processes of Titanium iso-Propoxide Modified with Catechol: An NMR Study. Journal of Sol-Gel Science and Technology, 2004, 30, 83-88. | 2.4 | 3 |
| 121 | Effects of selective leaching of bismuth oxide sheets in triple-layered Aurivillius phases on their photocatalytic activities. Chemical Physics Letters, 2004, 393, 12-16. | 2.6 | 21 |
| 122 | A Layered Tungstic Acid H2W2O7Ã—nH2O with a Double-Octahedral Sheet Structure: Conversion Process from an Aurivillus Phase Bi2W2O9 and Structural Characterization.. ChemInform, 2003, 34, no. | 0.0 | 0 |
| 123 | Hydrosilylation in the 2D interlayer space between inorganic layers: reaction between immobilized C˜...C groups on the interlayer surface of layered perovskite HLaNb2O7Â·xH2O and chlorohydrosilanes. Journal of Organometallic Chemistry, 2003, 686, 145-150. | 1.8 | 16 |
| 124 | Interlayer Surface Modification of the Protonated Triple-Layered Perovskite HCa2Nb3O10Â·xH2O with n-Alcohols. Langmuir, 2003, 19, 9473-9478. | 3.5 | 63 |
| 125 | Reactions of Alkoxyl Derivatives of a Layered Perovskite with Alcohols:Â Substitution Reactions on the Interlayer Surface of a Layered Perovskite. Chemistry of Materials, 2003, 15, 636-641. | 6.7 | 53 |
| 126 | A Layered Tungstic Acid H2W2O7Â·nH2O with a Double-Octahedral Sheet Structure:â€‰ Conversion Process from an Aurivillius Phase Bi2W2O9 and Structural Characterization. Inorganic Chemistry, 2003, 42, 4479-4484. | 4.0 | 53 |

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|---|---|---|---|
| 127 | Intercalation Behavior ofn-Alkylamines into a Protonated Form of a Layered Perovskite Derived from Aurivillius Phase Bi2SrTa2O9. Chemistry of Materials, 2003, 15, 632-635. | 6.7 | 101 |
| 128 | Chemical Modification of Niobium Pentaethoxide with Catechol. Key Engineering Materials, 2003, 247, 401-404. | 0.4 | 2 |
| 129 | Conversion of Aurivillius Phases Bi2ANaNb3O12(A = Sr or Ca) into the Protonated Forms of Layered Perovskite via Acid Treatment. Chemistry of Materials, 2002, 14, 2946-2952. | 6.7 | 27 |
| 130 | Conversion Process of Strontium?Titanium Bimetallic Methoxyethoxide Precursor into SrTiO3via Hydrolysis/Calcination. Journal of the American Ceramic Society, 2002, 85, 2195-2199. | 3.8 | 3 |
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