# Jianguo Huang

List of Publications by Year
in descending order



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|---|---|---|---|
| 122 papers | 3,951 citations | 125106 35 h-index | 169272 56 g-index |
| 124 all docs | 124 docs citations | 124 times ranked | 5384 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | A biotemplate synthesized hierarchical Sn-doped TiO2 with superior photocatalytic capacity under simulated solar light. Ceramics International, 2021, 47, 8218-8227. | 2.3 | 25 |
| 2 | Bio-inspired hierarchical nanofibrous SnS/C composite with enhanced anodic performances in lithium-ion batteries. Journal of Alloys and Compounds, 2021, 860, 157897. | 2.8 | 17 |
| 3 | A Bio-Inspired Nanotubular Na2MoO4/TiO2 Composite as a High-Performance Anodic Material for Lithium-Ion Batteries. Materials, 2021, 14, 357. | 1.3 | 2 |
| 4 | Natural Cellulose Substance Based Energy Materials. Chemistry - an Asian Journal, 2021, 16, 378-396. | 1.7 | 9 |
| 5 | Cellulose nanocrystal reinforced conductive nanocomposite hydrogel with fast self-healing and self-adhesive properties for human motion sensing. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 613, 126076. | 2.3 | 35 |
| 6 | A hierarchical H3PW12O40/TiO2 nanocomposite with cellulose as scaffold for photocatalytic degradation of organic pollutants. Separation and Purification Technology, 2021, 264, 118427. | 3.9 | 29 |
| 7 | A Cellulose-Derived Nanofibrous MnO2-TiO2-Carbon Composite as Anodic Material for Lithium-Ion Batteries. Materials, 2021, 14, 3411. | 1.3 | 1 |
| 8 | Three-Dimensional Cross-Linked Nb<sub>2</sub>O<sub>5</sub> Polymorphs Derived from Cellulose Substances: Insights into the Mechanisms of Lithium Storage. ACS Applied Materials & Interfaces, 2021, 13, 39501-39512. | 4.0 | 44 |
| 9 | Response to letter to the editor re: Comment on â€œKubelka-Munk functionâ€•â€“ Ceram. Int. 47 (2021) 8218â€“8227 and â€œKubelka-Munk equationâ€•â€“ Ceram. Int. 47 (2021) 13980â€“13993. Ceramics International, 2021, 47, 28056. | 2.4 | 0 |
| 10 | A Cleanable Self-Assembled Nano-SiO2/(PTFE/PEI)n/PPS Composite Filter Medium for High-Efficiency Fine Particulate Filtration. Materials, 2021, 14, 7853. | 1.3 | 0 |
| 11 | Natural Cellulose Derived Nanocomposites as Anodic Materials for Lithiumâ€‘ion Batteries. Chemical Record, 2020, 20, 187-208. | 2.9 | 18 |
| 12 | A cellulose substance derived nanofibrous CoSâ€“nanoparticle/carbon composite as a high-performance anodic material for lithium-ion batteries. New Journal of Chemistry, 2020, 44, 1846-1857. | 1.4 | 19 |
| 13 | A bio-inspired nanofibrous Co3O4/TiO2/carbon composite as high-performance anodic material for lithium-ion batteries. Journal of Alloys and Compounds, 2020, 819, 153375. | 2.8 | 14 |
| 14 | Cellulose-Derived Hierarchical g-C3N4/TiO2-Nanotube Heterostructured Composites with Enhanced Visible-Light Photocatalytic Performance. Langmuir, 2020, 36, 5967-5978. | 1.6 | 34 |
| 15 | Cellulose substance derived nanofibrous activated carbon as a sulfur host for lithium-sulfur batteries. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 602, 125129. | 2.3 | 17 |
| 16 | A silver-nanoparticle/cellulose-nanofiber composite as a highly effective substrate for surface-enhanced Raman spectroscopy. Beilstein Journal of Nanotechnology, 2019, 10, 1270-1279. | 1.5 | 19 |
| 17 | A hierarchical Ag2O-nanoparticle/TiO2-nanotube composite derived from natural cellulose substance with enhanced photocatalytic performance. Cellulose, 2019, 26, 6683-6700. | 2.4 | 27 |
| 18 | Natural cellulose derived nanofibrous Ag-nanoparticle/SnO2/carbon ternary composite as an anodic material for lithium-ion batteries. Journal of Physics and Chemistry of Solids, 2019, 126, 155-163. | 1.9 | 14 |

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|---|---|---|---|
| 19 | Hierarchical nanostructures derived from cellulose for lithium-ion batteries. Dalton Transactions, 2019, 48, 14221-14232. | 1.6 | 13 |
| 20 | A bioinspired three-dimensional nanofibrous Cu-nanoparticle/SnO2/carbon composite as an anodic material for lithium-ion battery. Applied Surface Science, 2019, 476, 293-302. | 3.1 | 17 |
| 21 | Three-dimensional TiO2 nanotubes immobilized with Fe2O3 nanoparticles as an anode material for lithium-ion batteries. Journal of Alloys and Compounds, 2019, 783, 793-800. | 2.8 | 29 |
| 22 | Natural cellulose based self-assembly towards designed functionalities. Current Opinion in Colloid and Interface Science, 2018, 35, 1-8. | 3.4 | 26 |
| 23 | A Cellulose Derived Nanotubular MoO<sub>3</sub>/SnO<sub>2</sub> Composite with Superior Lithium Storage Properties. ChemistrySelect, 2018, 3, 12469-12477. | 0.7 | 6 |
| 24 | Nanostructured Titania Templated by Natural Cellulose Substance: Effect of Vanadium-Doping on the Anatase-to-Rutile Phase Transformation. Journal of Nanoscience and Nanotechnology, 2018, 18, 1376-1383. | 0.9 | 1 |
| 25 | Rice husk derived silicon/carbon and silica/carbon nanocomposites as anodic materials for lithium-ion batteries. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2018, 558, 495-503. | 2.3 | 33 |
| 26 | Hydrothermal synthesis of Co-doped-MoS2/reduced graphene oxide hybrids with enhanced electrochemical lithium storage performances. Materials Chemistry and Physics, 2018, 219, 399-410. | 2.0 | 19 |
| 27 | Filter paper derived nanofibrous silicaâ€“carbon composite as anodic material with enhanced lithium storage performance. Chemical Engineering Journal, 2017, 317, 673-686. | 6.6 | 60 |
| 28 | A bio-inspired nanofibrous silicon/carbon composite as an anode material for lithium-ion batteries. New Journal of Chemistry, 2017, 41, 4887-4900. | 1.4 | 26 |
| 29 | Selfâ€Assembly Approach for Synthesis of Nanotubular Molybdenum Trioxide/Titania Composite Anode for Lithiumâ€Ion Batteries. Energy Technology, 2017, 5, 2015-2025. | 1.8 | 20 |
| 30 | A Bioinspired Nanofibrous Titania/Silicon Composite as an Anode Material for Lithiumâ€Ion Batteries. ChemNanoMat, 2017, 3, 120-129. | 1.5 | 14 |
| 31 | A hierarchical carbon@TiO2@MoS2 nanofibrous composite derived from cellulose substance as an anodic material for lithium-ion batteries. Journal of Alloys and Compounds, 2017, 728, 506-517. | 2.8 | 32 |
| 32 | A hierarchically structured anatase-titania/indium-tin-oxide nanocomposite as an anodic material for lithium-ion batteries. CrystEngComm, 2017, 19, 6972-6978. | 1.3 | 11 |
| 33 | Co-assembly of photosystem II in nanotubular indiumâ€“tin oxide multilayer films templated by cellulose substance for photocurrent generation. Journal of Materials Chemistry A, 2017, 5, 19826-19835. | 5.2 | 18 |
| 34 | Microtubular SnO<sub>2</sub>/V<sub>2</sub>O<sub>5</sub> Composites Derived from Cellulose Substance as Cathode Materials of Lithiumâ€Ion Batteries. ChemistrySelect, 2017, 2, 7987-7995. | 0.7 | 4 |
| 35 | A Hierarchical, Nanofibrous, Tinâ€Oxide/Silicon Composite Derived from Cellulose as a Highâ€Performance Anode Material for Lithiumâ€Ion Batteries. ChemistrySelect, 2017, 2, 5667-5676. | 0.7 | 7 |
| 36 | Functional Nanomaterials Via Self-assembly Based Modification of Natural Cellulosic Substances. , 2017, , 165-202. | | 1 |

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|---|---|---|---|
| 37 | Bio-inspired sandwich-structured carbon/silicon/titanium-oxide nanofibers composite as an anode material for lithium-ion batteries. Composites Part A: Applied Science and Manufacturing, 2017, 101, 273-282. | 3.8 | 29 |
| 38 | Interfacial Assembly of Photosystem II with Conducting Polymer Films toward Enhanced Photoâ€Bioelectrochemical Cells. Advanced Materials Interfaces, 2017, 4, 1600619. | 1.9 | 25 |
| 39 | Bioinspired Hierarchical Nanofibrous Silver-Nanoparticle/Anataseâ€“Rutile-Titania Composite as an Anode Material for Lithium-Ion Batteries. Langmuir, 2016, 32, 12338-12343. | 1.6 | 26 |
| 40 | Celluloseâ€Rich Nanofiberâ€Based Functional Nanoarchitectures. Advanced Materials, 2016, 28, 1143-1158. | 11.1 | 112 |
| 41 | Integrating photosystem II into a porous TiO<sub>2</sub> nanotube network toward highly efficient photo-bioelectrochemical cells. Journal of Materials Chemistry A, 2016, 4, 12197-12204. | 5.2 | 55 |
| 42 | Naturalâ€Celluloseâ€Derived Tinâ€Nanoparticle/Carbonâ€Nanofiber Composite as Anodic Material in Lithiumâ€Ion Batteries. ChemNanoMat, 2016, 2, 1040-1046. | 1.5 | 14 |
| 43 | Bio-Inspired Hierarchical Nanofibrous Fe<sub>3</sub>O<sub>4</sub>â€“TiO<sub>2</sub>â€“Carbon Composite as a High-Performance Anode Material for Lithium-Ion Batteries. ACS Applied Materials & Interfaces, 2016, 8, 17343-17351. | 4.0 | 79 |
| 44 | Hierarchical SnO<sub>2</sub>/Carbon Nanofibrous Composite Derived from Cellulose Substance as Anode Material for Lithiumâ€Ion Batteries. Chemistry - A European Journal, 2015, 21, 16195-16202. | 1.7 | 67 |
| 45 | Co-assembly of photosystem II/reduced graphene oxide multilayered biohybrid films for enhanced photocurrent. Nanoscale, 2015, 7, 10908-10911. | 2.8 | 55 |
| 46 | A nanofibrous silver-nanoparticle/titania/carbon composite as an anode material for lithium ion batteries. Journal of Materials Chemistry A, 2015, 3, 4354-4360. | 5.2 | 70 |
| 47 | Bioinspired Hierarchical Nanotubular Titania Immobilized with Platinum Nanoparticles for Photocatalytic Hydrogen Production. Chemistry - A European Journal, 2015, 21, 7345-7349. | 1.7 | 22 |
| 48 | A nanofibrous polypyrrole/silicon composite derived from cellulose substance as the anode material for lithium-ion batteries. Chemical Communications, 2015, 51, 14590-14593. | 2.2 | 42 |
| 49 | Enhanced pore filling of spiro-OMeTAD by enlarging the porosity of TiO2 films and its effects on the photovoltaic performance of ss-DSCs. Applied Physics A: Materials Science and Processing, 2015, 118, 1339-1346. | 1.1 | 2 |
| 50 | Hierarchicalâ€Structured Anataseâ€Titania/Cellulose Composite Sheet with High Photocatalytic Performance and Antibacterial Activity. Chemistry - A European Journal, 2015, 21, 2568-2575. | 1.7 | 40 |
| 51 | Effect of TiOx compact layer with varied components on the performance of dye-sensitized solar cells. Journal of Alloys and Compounds, 2014, 594, 211-216. | 2.8 | 9 |
| 52 | Cellulose-based catalytic membranes fabricated by deposition of gold nanoparticles on natural cellulose nanofibres. RSC Advances, 2014, 4, 4901. | 1.7 | 42 |
| 53 | Hierarchical nanofibrous anatase-titaniaâ€“cellulose composite and its photocatalytic property. CrystEngComm, 2014, 16, 464-471. | 1.3 | 40 |
| 54 | Nanofibrous vanadium-doped rutile titania derived from cellulose substance by flame synthesis. CrystEngComm, 2014, 16, 375-384. | 1.3 | 28 |

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| 55 | Surface modification of natural cellulose substances: toward functional materials and applications. Science China Chemistry, 2014, 57, 1672-1682. | 4.2 | 12 |
| 56 | Nanofibrous silicon/carbon composite sheet derived from cellulose substance as free-standing lithium-ion battery anodes. RSC Advances, 2014, 4, 33981-33985. | 1.7 | 24 |
| 57 | Growth of aragonite phase calcium carbonate on the surface of a titania-modified filter paper. CrystEngComm, 2014, 16, 2424-2431. | 1.3 | 13 |
| 58 | Impact of annealing on spiro-OMeTAD and corresponding solid-state dye sensitized solar cells. Physica Status Solidi (A) Applications and Materials Science, 2014, 211, 2809-2816. | 0.8 | 41 |
| 59 | Sputtered TiOx thin film as compact layer for solid-state dye sensitized solar cells. Ceramics International, 2014, 40, 15941-15949. | 2.3 | 7 |
| 60 | Antibacterial hybrid materials fabricated by nanocoating of microfibril bundles of cellulose substance with titania/chitosan/silver-nanoparticle composite films. Journal of Materials Chemistry B, 2013, 1, 3477. | 2.9 | 96 |
| 61 | Ultrathin cellulose film coating of porous alumina membranes for adsorption of superoxide dismutase. Journal of Materials Chemistry B, 2013, 1, 5636. | 2.9 | 10 |
| 62 | Hierarchical nanotubular clay materials derived from natural cellulose substance. Materials Research Bulletin, 2013, 48, 3223-3231. | 2.7 | 5 |
| 63 | Reversible self-assembly of ferritin molecules for fabrication of size controlled microspheres and microrods. New Journal of Chemistry, 2013, 37, 2624. | 1.4 | 2 |
| 64 | Hierarchical fibrous titanium metal derived from cellulose substance. CrystEngComm, 2013, 15, 8924. | 1.3 | 5 |
| 65 | Highly sensitive colourimetric anion chemosensors fabricated by functional surface modification of natural cellulose substance. RSC Advances, 2013, 3, 5318. | 1.7 | 12 |
| 66 | Heterogeneous nanotubular anatase/rutile titania composite derived from natural cellulose substance and its photocatalytic property. CrystEngComm, 2013, 15, 5586. | 1.3 | 38 |
| 67 | Colorimetric detection of gaseous ammonia by polyaniline nanocoating of natural cellulose substances. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2013, 433, 166-172. | 2.3 | 31 |
| 68 | High-Performance UV Photodetection of Unique ZnO Nanowires from Zinc Carbonate Hydroxide Nanobelts. ACS Applied Materials & Interfaces, 2013, 5, 5861-5867. | 4.0 | 38 |
| 69 | Nanographite sheets derived from polyaniline nanocoating of cellulose nanofibers. Materials Research Bulletin, 2013, 48, 429-434. | 2.7 | 9 |
| 70 | Precise Size Control over Ultrafine Rutile Titania Nanocrystallites in Hierarchical Nanotubular Silica/Titania Hybrids with Efficient Photocatalytic Activity. Chemistry - A European Journal, 2013, 19, 10971-10981. | 1.7 | 33 |
| 71 | Nanofibrous Rutile-Titania/Graphite Composite Derived from Natural Cellulose Substance. Journal of Nanoscience and Nanotechnology, 2013, 13, 582-588. | 0.9 | 17 |
| 72 | Cellulose-based material with amphiphobicity to inhibit bacterial adhesion by surface modification. Journal of Materials Chemistry, 2012, 22, 12562. | 6.7 | 86 |

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|---|---|---|---|
| 73 | Facile fabrication of free-standing microtubes composed of colloidal spheres. New Journal of Chemistry, 2012, 36, 1729. | 1.4 | 2 |
| 74 | Hierarchical nanotubular titanium nitride derived from natural cellulose substance and its electrochemical properties. Chemical Communications, 2012, 48, 9992. | 2.2 | 20 |
| 75 | Antibacterial activity of hierarchical nanofibrous titaniaâ€“carbon composite material deposited with silver nanoparticles. New Journal of Chemistry, 2012, 36, 2568. | 1.4 | 16 |
| 76 | Colorimetric detection of cysteine by surface functionalization of natural cellulose substance. Sensors and Actuators B: Chemical, 2012, 171-172, 878-885. | 4.0 | 27 |
| 77 | Flame synthesis of hierarchical nanotubular rutile titania derived from natural cellulose substance. Chemical Communications, 2011, 47, 10551. | 2.2 | 40 |
| 78 | Hierarchical nanofibrous silicon as replica of natural cellulose substance. Journal of Materials Chemistry, 2011, 21, 7161. | 6.7 | 26 |
| 79 | Cellulose substance with reversible photo-responsive wettability by surface modification. Journal of Materials Chemistry, 2011, 21, 17519. | 6.7 | 54 |
| 80 | Hierarchical Mesoporous Silica Nanotubes Derived from Natural Cellulose Substance. ACS Applied Materials & Interfaces, 2011, 3, 3272-3275. | 4.0 | 52 |
| 81 | Luminescent cellulose sheet fabricated by facile self-assembly of cadmium selenide nanoparticles on cellulose nanofibres. Journal of Materials Chemistry, 2011, 21, 651-656. | 6.7 | 35 |
| 82 | Immobilization of Oligonucleotides onto Zirconia-Modified Filter Paper and Specific Molecular Recognition. Langmuir, 2011, 27, 12284-12288. | 1.6 | 29 |
| 83 | Tubular structured hierarchical mesoporous titania material derived from natural cellulosic substances and application as photocatalyst for degradation of methylene blue. Materials Research Bulletin, 2011, 46, 1814-1818. | 2.7 | 16 |
| 84 | Self-assembly of various guest substrates in natural cellulose substances to functional nanostructured materials. Current Opinion in Colloid and Interface Science, 2011, 16, 470-481. | 3.4 | 64 |
| 85 | Facile Fabrication of Superhydrophobic Cellulose Materials by a Nanocoating Approach. Chemistry Letters, 2010, 39, 20-21. | 0.7 | 42 |
| 86 | Functional surface modification of natural cellulose substances for colorimetric detection and adsorption of Hg2+ in aqueous media. Chemical Communications, 2010, 46, 6042. | 2.2 | 57 |
| 87 | Titania nanotube/hollow sphere hybrid material: Dual-template synthesis and photocatalytic property. Materials Research Bulletin, 2010, 45, 536-541. | 2.7 | 21 |
| 88 | Hierarchical, Titaniaâ€Coated, Carbon Nanofibrous Material Derived from a Natural Cellulosic Substance. Chemistry - A European Journal, 2010, 16, 7730-7740. | 1.7 | 81 |
| 89 | Superparamagnetic hierarchical material fabricated by protein molecule assembly on natural cellulose nanofibres. Chemical Communications, 2010, 46, 6096. | 2.2 | 23 |
| 90 | Functional polymeric hybrid nanotubular materials derived from natural cellulose substances. Journal of Materials Chemistry, 2010, 20, 10217. | 6.7 | 13 |

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| 91 | Natural Cellulosic Substance Derived Nano-structured Materials. Advanced Topics in Science and Technology in China, 2010, , 133-164. | 0.0 | 0 |
| 92 | Fabrication of natural cellulose substance derived hierarchical polymeric materials. Journal of Materials Chemistry, 2009, 19, 3764. | 6.7 | 36 |
| 93 | SEM <I>In Situ</I> Study on Deformation Behavior of Cu and Cu/Ni Films under Three-Point Bending. Materials Transactions, 2007, 48, 2795-2798. | 0.4 | 13 |
| 94 | Free-standing nanofibrous platinum sheets and their conductivity. Chemical Communications, 2006, , 4688. | 2.2 | 8 |
| 95 | Electro-conductive nanotubular sheet of indium tin oxide as fabricated from the cellulose template. Journal of Materials Chemistry, 2006, 16, 292-297. | 6.7 | 62 |
| 96 | Nanotubings of titania/polymer composite: template synthesis and nanoparticle inclusion. Journal of Materials Chemistry, 2006, 16, 4257. | 6.7 | 20 |
| 97 | Formation of Positively Charged Copper Hydroxide Nanostrands and Their Structural Characterization. Chemistry of Materials, 2006, 18, 1795-1802. | 3.2 | 66 |
| 98 | Biomolecular Modification of Hierarchical Cellulose Fibers through Titania Nanocoating. Angewandte Chemie - International Edition, 2006, 45, 2883-2886. | 7.2 | 71 |
| 99 | Dried Foam Films: Self-Standing, Water-Free, Reversed Bilayers of Amphiphilic Compounds. Angewandte Chemie - International Edition, 2005, 44, 4532-4535. | 7.2 | 23 |
| 100 | Fine-tuning the degree of organic functionalization of mesoporous silica nanosphere materials via an interfacially designed co-condensation method. Chemical Communications, 2005, , 1264. | 2.2 | 90 |
| 101 | Latex particle-encapsulated titania/polymer composite nanotubings: free-standing, one-dimensional package of colloidal particles. Chemical Communications, 2005, , 2680. | 2.2 | 0 |
| 102 | Enantioselective anion exchange on a positively charged poly(l-lysine) layer assembled on thin TiO2-gel films. New Journal of Chemistry, 2005, 29, 1058. | 1.4 | 4 |
| 103 | Electrostatic Trapping of Double-Stranded DNA by Using Cadmium Hydroxide Nanostrands. Nano Letters, 2005, 5, 97-100. | 4.5 | 31 |
| 104 | Bundle-like Assemblies of Cadmium Hydroxide Nanostrands and Anionic Dyes. Journal of the American Chemical Society, 2005, 127, 8296-8297. | 6.6 | 53 |
| 105 | Nanocoating of natural cellulose fibers with conjugated polymer: hierarchical polypyrrole composite materials. Chemical Communications, 2005, , 1717. | 2.2 | 102 |
| 106 | Fourier transform surface-enhanced Raman scattering of single-layer nucleolipid Langmuirâ€“Blodgett films on silver island film substrates. Journal of Colloid and Interface Science, 2004, 270, 309-314. | 5.0 | 6 |
| 107 | A facile route to a highly stabilized hierarchical hybrid of titania nanotube and gold nanoparticle. Chemical Communications, 2004, , 1008. | 2.2 | 68 |
| 108 | Nano-Precision Replication of Natural Cellulosic Substances by Metal Oxides. Journal of the American Chemical Society, 2003, 125, 11834-11835. | 6.6 | 305 |

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| 109 | Zirconiaâ^'Titania Nanofilm with Composition Gradient. Nano Letters, 2002, 2, 669-672. | 4.5 | 25 |
| 110 | Preparation of Nanoporous Titania Films by Surface Solâ^'Gel Process Accompanied by Low-Temperature Oxygen Plasma Treatment. Langmuir, 2002, 18, 9048-9053. | 1.6 | 75 |
| 111 | Replication of dendrimer monolayer as nanopores in titania ultrathin filmElectronic supplementary information (ESI) available: experimental details and TEM micrograph. See http://www.rsc.org/suppdata/cc/b2/b206208a/. Chemical Communications, 2002, , 2070-2071. | 2.2 | 22 |
| 112 | Molecular Recognition Inside of Multifunctionalized Mesoporous Silicas:Â Toward Selective Fluorescence Detection of Dopamine and Glucosamine. Journal of the American Chemical Society, 2001, 123, 11510-11511. | 6.6 | 223 |
| 113 | Structure Control on Photodimerization of Uracil and Thymine Moieties in Nucleolipid Langmuirâ^'Blodgett Films by the Molecular Recognition Effect at the Air/Water Interface. Langmuir, 2001, 17, 2228-2234. | 1.6 | 15 |
| 114 | Spectroscopic studies on molecular recognition capabilities of a nucleolipid bearing thymine headgroup to adenosine. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2001, 57, 1587-1593. | 2.0 | 10 |
| 115 | FT-IR studies of N-hexadecyl-5-iminomethyl-8-hydroxyquinoline Langmuirâ€"Blodgett films. Materials Chemistry and Physics, 2000, 62, 236-240. | 2.0 | 2 |
| 116 | Ftir Studies on LB Film of Amphiphile with Schiff Base as Headgroup and Its Copper Complex. Spectroscopy Letters, 2000, 33, 301-321. | 0.5 | 3 |
| 117 | Molecular Recognition Capabilities of a Nucleolipid Amphiphile (3â€˜,5â€˜-Distearoyl)-2â€˜-Deoxythymidine to Adenosine at the Air/Water Interface and Langmuirâ^'Blodgett Films Studied by Molecular Spectroscopy. Langmuir, 2000, 16, 7701-7707. | 1.6 | 35 |
| 118 | FT-SERS Studies on Molecular Recognition Capabilities of Monolayers of Novel Nucleolipid Amphiphiles. Langmuir, 2000, 16, 3937-3940. | 1.6 | 22 |
| 119 | Molecular recognition of nucleolipid amphiphile octadecanoyl ester of 1-(2-carboxyethyl) adenine to the complementary nucleobases: part II. A Fourier transform infrared spectroscopic study of Langmuirâ€"Blodgett films. Thin Solid Films, 1998, 325, 210-217. | 0.8 | 13 |
| 120 | Molecular recognition of nucleolipid amphiphile octadecanoyl ester of 1-(2-carboxyethyl) adenine to the complementary nucleobases. Part I: characterization of the monolayer behavior at the air/water interface and photodimerization in the Langmuirâ€"Blodgett film matrix under ultraviolet irradiation. Thin Solid Films, 1998, 326, 217-222. | 0.8 | 11 |
| 121 | Fourier Transform Infrared Spectroscopic Investigation on Langmuir-Blodgett Films of Octadecanoyl Ester of 1-(2-Carboxyethyl) Thymine: Molecular Orientation, Molecular Recognition to Complementary Base of Nucleic Acid and Order-Disorder Transition. Spectroscopy Letters, 1997, 30, 1441-1466. | 0.5 | 4 |
| 122 | Synthesis of Novel Nucleolipid Amphiphiles. Synthetic Communications, 1997, 27, 681-690. | 1.1 | 11 |