

Jian-Mei Lu

List of Publications by Year in descending order

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221
papers

8,463
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docs citations

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times ranked

9827
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Construction of polymer materials with specific responses to violet and green lights and their potential applications in an artificial visual memory system. <i>Journal of Materials Chemistry C</i> , 2022, 10, 1653-1659. | 2.7 | 4 |
| 2 | Nanomicelles Array for Ultrahigh-Density Data Storage. <i>Small</i> , 2022, 18, . | 5.2 | 6 |
| 3 | Isomerization change and charge trap double mechanisms induced ternary data storage performance. <i>Journal of Materials Chemistry C</i> , 2021, 9, 569-574. | 2.7 | 11 |
| 4 | Comprehensive understanding of the structure-stacking property correlation to achieve high-performance ternary data-storage devices. <i>Materials Chemistry Frontiers</i> , 2021, 5, 3176-3183. | 3.2 | 6 |
| 5 | Toward Highly Robust Nonvolatile Multilevel Memory by Fine Tuning of the Nanostructural Crystalline Solid-State Order. <i>Small</i> , 2021, 17, e2100102. | 5.2 | 24 |
| 6 | Layer-by-Layer Assembly of Monolayer Films Precisely Controlled by LB Technology to Realize Low Energy Consumption and High Stability Ternary Data-Storage Devices. <i>Chemistry - an Asian Journal</i> , 2021, 16, 3951-3956. | 1.7 | 2 |
| 7 | Solvent Vapor Annealing Guides Molecules to Form a Desired Stacking Mode According to the Characteristics of the Molecular Structure. <i>Journal of Physical Chemistry C</i> , 2020, 124, 18868-18876. | 1.5 | 2 |
| 8 | Recent advances in organic-based materials for resistive memory applications. <i>Informa-Materials</i> , 2020, 2, 995-1033. | 8.5 | 125 |
| 9 | Conjugated zwitterion-inspired flexible ternary resistive memory from rhodamine dyes. <i>Journal of Materials Chemistry C</i> , 2020, 8, 7658-7662. | 2.7 | 13 |
| 10 | Controllable and Versatile Electrophoretic Deposition Technology for Monolithic Organic Memory Devices. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 15482-15490. | 4.0 | 24 |
| 11 | Solvent Vapor Annealing Upgraded Orderly Intermolecular Stacking and Crystallinity to Enhance Memory Device Performance. <i>Chemistry - an Asian Journal</i> , 2020, 15, 2493-2498. | 1.7 | 4 |
| 12 | Scaled conductance quantization unravels the switching mechanism in organic ternary resistive memories. <i>Journal of Materials Chemistry C</i> , 2020, 8, 2964-2969. | 2.7 | 5 |
| 13 | Tunable Electronic Memory Performances Based on Poly(Triphenylamine) and Its Metal Complex via a SuFEx Click Reaction. <i>Chemistry - an Asian Journal</i> , 2019, 14, 4296-4302. | 1.7 | 8 |
| 14 | Solvent Vapor Annealing of Amphiphile/Metal Interface for Orientated Molecular Stacking and Upgraded Resistive Memory Performance. <i>Macromolecular Chemistry and Physics</i> , 2019, 220, 1900334. | 1.1 | 8 |
| 15 | Highly Robust Organometallic Small-Molecule-Based Nonvolatile Resistive Memory Controlled by a Redox-Gated Switching Mechanism. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 40332-40338. | 4.0 | 50 |
| 16 | Rational Modification of Small Molecules with High Device Reproducibility Induced by Improved Interfacial Contact through Intermolecular Hydrogen Bonds. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 37973-37980. | 4.0 | 4 |
| 17 | One-Step Fabrication of Bio-Compatible Coordination Complex Film on Diverse Substrates for Ternary Flexible Memory. <i>Chemistry - A European Journal</i> , 2019, 25, 4808-4813. | 1.7 | 13 |
| 18 | Tuning of electron density distribution on molecular conjugated skeleton to improve intermolecular aggregation style and device memory performance. <i>Organic Electronics</i> , 2019, 73, 255-260. | 1.4 | 8 |

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|----|--|-----|-----------|
| 19 | One-dimensional π -d conjugated coordination polymers: synthesis and their improved memory performance. <i>Science China Chemistry</i> , 2019, 62, 753-760. | 4.2 | 23 |
| 20 | Amorphous Spiro-OMeTAD Prepared Flexible Films with Surface Engineering Boost Ternary Resistive Memory Yield to 86%. <i>Advanced Electronic Materials</i> , 2019, 5, 1800964. | 2.6 | 7 |
| 21 | Terminal amino monomethylation-triggered intermolecular H- to J-aggregations to realize tunable memory devices. <i>Journal of Materials Chemistry C</i> , 2019, 7, 4863-4869. | 2.7 | 12 |
| 22 | Controlled deposition of large-area and highly-ordered thin films: effect of dip-coating-induced morphological evolution on resistive memory performance. <i>Journal of Materials Chemistry C</i> , 2019, 7, 3512-3521. | 2.7 | 38 |
| 23 | The Effect of Random and Block Copolymerization with Pendent Carbazole Donors and Naphthalimide Acceptors on Multilevel Memory Performance. <i>Chemistry - an Asian Journal</i> , 2018, 13, 853-860. | 1.7 | 12 |
| 24 | Effects of Single Atom N-Substitution in the Molecular Skeleton on Fabricated Film Quality and Memory Device Performance. <i>Crystal Growth and Design</i> , 2018, 18, 1432-1436. | 1.4 | 7 |
| 25 | Thiadizoloquinoline-Based N-Heteroacenes as Active Elements for High-Density Data-Storage Device. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 15971-15979. | 4.0 | 40 |
| 26 | Improved Molecular Stacking and Data-Storage Performance of Pyridine- and Pyrimidine-Substituted Small Molecules. <i>Advanced Functional Materials</i> , 2018, 28, 1800568. | 7.8 | 26 |
| 27 | Pseudohalide-Induced 2D $(\text{CH}_3)_3\text{NH}^+\text{Pb}_2(\text{SCN})_2$ Perovskite for Ternary Resistive Memory with High Performance. <i>Small</i> , 2018, 14, e1703667. | 5.2 | 91 |
| 28 | An all-in-one memory cell based on a homopolymer with a pyrene side chain and its volatile and nonvolatile resistive switch behaviors. <i>Polymer Chemistry</i> , 2018, 9, 1139-1146. | 1.9 | 21 |
| 29 | Sulfur (VI) Fluoride Exchange Polymerization for Large Conjugate Chromophores and Functional Main-Chain Polysulfates with Nonvolatile Memory Performance. <i>ChemPlusChem</i> , 2018, 83, 407-413. | 1.3 | 12 |
| 30 | Nonvolatile Tri-State Resistive Memory Behavior of a Stable Pyrene-Fused N-Heteroacene with Ten Linearly-Annulated Rings. <i>Chemistry - A European Journal</i> , 2018, 24, 7845-7851. | 1.7 | 27 |
| 31 | Solvents Effects on Film Morphologies and Memory Behavior of a Peryleneimide-Containing Pendent Polymer. <i>Chemistry - an Asian Journal</i> , 2018, 13, 1784-1790. | 1.7 | 7 |
| 32 | Deriving highly oriented organic nanofibers and ternary memory performance via salification-induced effects. <i>Chemical Communications</i> , 2018, 54, 10610-10613. | 2.2 | 21 |
| 33 | The Effect of Annealing Temperature on the Maintenance of the Intermediate Electrical Conductivity State of a Ternary-Polyamide-Based Memory Device. <i>Asian Journal of Organic Chemistry</i> , 2017, 6, 598-604. | 1.3 | 5 |
| 34 | Fluorine-Induced Highly Reproducible Resistive Switching Performance: Facile Morphology Control through the Transition between J- and H-Aggregation. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 9926-9934. | 4.0 | 30 |
| 35 | A Novel Boat-Shaped Dicyanomethylene- <i>H</i> -pyran-Functionalized Naphthalimide for Highly Efficient Solution-Processed Multilevel Memory Devices. <i>Chemistry - an Asian Journal</i> , 2017, 12, 1374-1380. | 1.7 | 6 |
| 36 | 1D π -d Conjugated Coordination Polymers for Multilevel Memory of Long-Term and High-Temperature Stability. <i>Advanced Electronic Materials</i> , 2017, 3, 1700107. | 2.6 | 73 |

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|----|---|------|-----------|
| 37 | Different Steric Twist-Induced Ternary Memory Characteristics in Nonconjugated Copolymers with Pendant Naphthalene and 1,8-Naphthalimide Moieties. <i>Chemistry - an Asian Journal</i> , 2017, 12, 2744-2748. | 1.7 | 9 |
| 38 | Better Organic Ternary Memory Performance through Self-Assembled Alkyltrichlorosilane Monolayers on Indium Tin Oxide (ITO) Surfaces. <i>Chemistry - A European Journal</i> , 2017, 23, 16393-16400. | 1.7 | 6 |
| 39 | Racemic Effect on the Performance of Organic Multilevel Memory: Beyond Molecular Design. <i>Advanced Materials Technologies</i> , 2017, 2, 1700202. | 3.0 | 14 |
| 40 | Poly(3,4-ethylenedioxythiophene)-Poly(styrenesulfonate) Interlayer Insertion Enables Organic Quaternary Memory. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 27847-27852. | 4.0 | 18 |
| 41 | Surface Engineering of ITO Substrates to Improve the Memory Performance of an Asymmetric Conjugated Molecule with a Side Chain. <i>Chemistry - an Asian Journal</i> , 2017, 12, 2278-2283. | 1.7 | 8 |
| 42 | A novel ternary memory property achieved through rational introduction of end-capping naphthalimide acceptors. <i>Journal of Materials Chemistry C</i> , 2017, 5, 7961-7968. | 2.7 | 26 |
| 43 | Upgrading Electroresistive Memory from Binary to Ternary Through Single-Atom Substitution in the Molecular Design. <i>Chemistry - an Asian Journal</i> , 2017, 12, 45-51. | 1.7 | 20 |
| 44 | The Application of a Small-Molecule-Based Ternary Memory Device in Transient Thermal Probing Electronics. <i>Advanced Materials</i> , 2017, 29, 1604162. | 11.1 | 13 |
| 45 | Towards Highly Efficient Phototriggered Data Storage by Utilizing a Diketopyrrolopyrrole-Based Photoelectronic Small Molecule. <i>Chemistry - an Asian Journal</i> , 2016, 11, 2078-2084. | 1.7 | 7 |
| 46 | Improving Memory Performances by Adjusting the Symmetry and Polarity of Fluoroazobenzene-Based Molecules. <i>Chemistry - an Asian Journal</i> , 2016, 11, 512-519. | 1.7 | 9 |
| 47 | Ternary Flexible Electroresistive Memory Device based on Small Molecules. <i>Chemistry - an Asian Journal</i> , 2016, 11, 1624-1630. | 1.7 | 18 |
| 48 | Organic Multilevel Memory Devices of Long-Term Environmental Stability via Incorporation of Fluorine. <i>Advanced Electronic Materials</i> , 2016, 2, 1500474. | 2.6 | 32 |
| 49 | Comparison of two strategies to improve organic ternary memory performance: 3-Hexylthiophene linkage and fluorine substitution. <i>Dyes and Pigments</i> , 2016, 130, 306-313. | 2.0 | 15 |
| 50 | Negative effect on molecular planarity to achieve organic ternary memory: triphenylamine as the spacer. <i>Science China Chemistry</i> , 2016, 59, 692-698. | 4.2 | 7 |
| 51 | Hollow Mesoporous Silica Nanocarriers with Multifunctional Capping Agents for In Vivo Cancer Imaging and Therapy. <i>Small</i> , 2016, 12, 360-370. | 5.2 | 47 |
| 52 | Inserting Thienyl Linkers into Conjugated Molecules for Efficient Multilevel Electronic Memory: A New Understanding of Charge Trapping in Organic Materials. <i>Chemistry - an Asian Journal</i> , 2016, 11, 906-914. | 1.7 | 23 |
| 53 | A salification-induced charge transfer effect for improving the resistive memory performance of azo derivative-based devices. <i>RSC Advances</i> , 2016, 6, 10471-10477. | 1.7 | 6 |
| 54 | Rational Design of Small Molecules to Implement Organic Quaternary Memory Devices. <i>Advanced Functional Materials</i> , 2016, 26, 146-154. | 7.8 | 102 |

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|----|---|------|-----------|
| 55 | Improving organic memory performance through mounting conjugated branches on a triphenylamine core. <i>Journal of Materials Chemistry C</i> , 2016, 4, 2579-2586. | 2.7 | 33 |
| 56 | Insertion of conjugated bridges in organic backbone for better multilevel memory performance: The role of alkynyl group. <i>Organic Electronics</i> , 2016, 28, 155-162. | 1.4 | 19 |
| 57 | Altering the Position of Phenyl Substitution to Adjust Film Morphology and Memory Device Performance. <i>Chemistry - an Asian Journal</i> , 2015, 10, 1474-1479. | 1.7 | 4 |
| 58 | Controlling Crystallite Orientation of Diketopyrrolopyrrole-Based Small Molecules in Thin Films for Highly Reproducible Multilevel Memory Device: Role of Furan Substitution. <i>Advanced Functional Materials</i> , 2015, 25, 4246-4254. | 7.8 | 76 |
| 59 | Multilevel Conductance Switching of a Memory Device Induced by Enhanced Intermolecular Charge Transfer. <i>Advanced Materials</i> , 2015, 27, 5968-5973. | 11.1 | 100 |
| 60 | Synthesis and Morphology of Two Carbazole-Pyrazoline-Containing Polymer Systems and Their Electrical Memory Performance. <i>ChemPlusChem</i> , 2015, 80, 1354-1362. | 1.3 | 5 |
| 61 | Different interactions between a metal electrode and an organic layer and their different electrical bistability performances. <i>RSC Advances</i> , 2015, 5, 7083-7089. | 1.7 | 7 |
| 62 | Improved ternary memory performance of donor-acceptor structured molecules through cyano substitution. <i>Journal of Materials Chemistry C</i> , 2015, 3, 6778-6785. | 2.7 | 28 |
| 63 | Effects of gradual oxidation of aromatic sulphur-heterocycle derivatives on multilevel memory data storage performance. <i>Journal of Materials Chemistry C</i> , 2015, 3, 2033-2039. | 2.7 | 44 |
| 64 | Effect of single atom substitution in benzochalcogendiazole acceptors on the performance of ternary memory devices. <i>Journal of Materials Chemistry C</i> , 2015, 3, 9145-9153. | 2.7 | 40 |
| 65 | Changing the stability of polymer-based memory devices in high conductivity state via tuning the red-ox property of Hemin. <i>Polymer</i> , 2015, 70, 343-350. | 1.8 | 5 |
| 66 | Two quinoxaline derivatives designed from isomer chemistry for nonvolatile ternary memory device applications. <i>Dyes and Pigments</i> , 2015, 122, 66-73. | 2.0 | 11 |
| 67 | Metal complex modified azo polymers for multilevel organic memories. <i>Nanoscale</i> , 2015, 7, 7659-7664. | 2.8 | 21 |
| 68 | Triggering DRAM/SRAM memory behaviors by single atom substitution to alter the molecular planarity. <i>Journal of Materials Chemistry C</i> , 2015, 3, 8605-8611. | 2.7 | 19 |
| 69 | Decreasing the Energy Consumption of Memory Devices by Enhancing the Conjugation Extent of the Terminal Electron-Donating Moieties within Molecules. <i>Chemistry - an Asian Journal</i> , 2015, 10, 461-467. | 1.7 | 2 |
| 70 | Initiator-changed memory type: preparation of end-functionalized polymers by ATRP and study of their nonvolatile memory effects. <i>Polymer Chemistry</i> , 2014, 5, 752-760. | 1.9 | 13 |
| 71 | Adjustable third-order nonlinear optical properties of the spin coating phenoxazinium-PMMA films. <i>Materials Chemistry and Physics</i> , 2014, 147, 232-237. | 2.0 | 12 |
| 72 | Synthesis of Imidazole Derivatives and Study of the ON-Based Different Memory Performances. <i>Chemistry - an Asian Journal</i> , 2014, 9, 1950-1956. | 1.7 | 4 |

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|----|---|-----|-----------|
| 73 | Third-order nonlinear optical properties of the poly(methyl methacrylate)-phenothiazinium dye hybrid thin films. <i>Thin Solid Films</i> , 2014, 551, 153-157. | 0.8 | 8 |
| 74 | Solution-Processed Small Molecule Donor/Acceptor Blends for Electrical Memory Devices with Fine-Tunable Storage Performance. <i>Journal of Physical Chemistry C</i> , 2014, 118, 2154-2160. | 1.5 | 31 |
| 75 | Tuning optical properties of phenanthroline derivatives through varying excitation wavelength and pH values. <i>Journal of Materials Chemistry C</i> , 2014, 2, 1539-1544. | 2.7 | 7 |
| 76 | Benzothiazole derivatives containing different electron acceptors exhibiting totally different data-storage performances. <i>Journal of Materials Chemistry C</i> , 2014, 2, 5673. | 2.7 | 22 |
| 77 | Amphiphilic copolymer coated upconversion nanoparticles for near-infrared light-triggered dual anticancer treatment. <i>Nanoscale</i> , 2014, 6, 14903-14910. | 2.8 | 48 |
| 78 | Preparation of 4-dicyanomethylene-2,6-distyryl-4H-pyran derivatives, their functional polystyrenes and study of their different aggregation induced emission behaviors. <i>Journal of Materials Chemistry C</i> , 2014, 2, 2082-2088. | 2.7 | 22 |
| 79 | Study of the influences of molecular planarity and aluminum evaporation rate on the performances of electrical memory devices. <i>Journal of Materials Chemistry C</i> , 2014, 2, 5709-5716. | 2.7 | 30 |
| 80 | Light-responsive amphiphilic copolymer coated nanoparticles as nanocarriers and real-time monitors for controlled drug release. <i>Journal of Materials Chemistry B</i> , 2014, 2, 1182. | 2.9 | 63 |
| 81 | Electronic effect of terminal acceptor groups on different organic donor-acceptor small-molecule based memory devices. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 17125-17132. | 1.3 | 34 |
| 82 | Tuning memory performances from WORM to flash or DRAM by structural tailoring with different donor moieties. <i>Journal of Materials Chemistry C</i> , 2014, 2, 7674-7680. | 2.7 | 21 |
| 83 | Improving the electrical memory performance of pyrazoline moiety via the preparation of its hyperbranched copolymer. <i>Polymer Chemistry</i> , 2014, 5, 2602. | 1.9 | 19 |
| 84 | A rosamine-based red-emitting fluorescent sensor for detecting intracellular pH in live cells. <i>Sensors and Actuators B: Chemical</i> , 2014, 201, 426-432. | 4.0 | 35 |
| 85 | Enhancing the coplanarity of the donor moiety in a donor-acceptor molecule to improve the efficiency of switching phenomenon for flash memory devices. <i>Dyes and Pigments</i> , 2014, 100, 127-134. | 2.0 | 36 |
| 86 | Improving of molecular planarity via tailoring alkyl chain within the molecules to enhance memory device performance. <i>Dyes and Pigments</i> , 2014, 109, 155-162. | 2.0 | 16 |
| 87 | Amphiphilic oligomer-based micelles as cisplatin nanocarriers for cancer therapy. <i>Nanoscale</i> , 2013, 5, 8925. | 2.8 | 9 |
| 88 | Electronic memory devices based on the chalcone with negative electrostatic potential regions. <i>Materials Chemistry and Physics</i> , 2013, 142, 363-369. | 2.0 | 3 |
| 89 | A coumarin-indole-based near-infrared ratiometric pH probe for intracellular fluorescence imaging. <i>Analyst</i> , 2013, 138, 6542. | 1.7 | 93 |
| 90 | Effect of a π -spacer between a donor and an acceptor on small molecule-based data-storage device performance. <i>Chemical Communications</i> , 2013, 49, 9470. | 2.2 | 44 |

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|-----|--|-----|-----------|
| 91 | A New V-Shaped Organic Fluorescent Compound Integrated with Crystallization-Induced Emission Enhancement and Intramolecular Charge Transfer. <i>Chemistry - an Asian Journal</i> , 2013, 8, 2161-2166. | 1.7 | 15 |
| 92 | Synthesis, Characterization, and Nonvolatile Ternary Memory Behavior of a Larger Heteroacene with Nine Linearly Fused Rings and Two Different Heteroatoms. <i>Journal of the American Chemical Society</i> , 2013, 135, 14086-14089. | 6.6 | 201 |
| 93 | Coumarin-containing photo-responsive nanocomposites for NIR light-triggered controlled drug release via a two-photon process. <i>Journal of Materials Chemistry B</i> , 2013, 1, 5942. | 2.9 | 109 |
| 94 | Amphiphilic Polymeric Nanocarriers with Luminescent Gold Nanoclusters for Concurrent Bioimaging and Controlled Drug Release. <i>Advanced Functional Materials</i> , 2013, 23, 4324-4331. | 7.8 | 105 |
| 95 | Adjustment of conformation change and charge trapping in ion-doped polymers to achieve ternary memory performance. <i>Journal of Materials Chemistry C</i> , 2013, 1, 7883. | 2.7 | 32 |
| 96 | Effects of terminal electron acceptor strength on film morphology and ternary memory performance of triphenylamine donor based devices. <i>Journal of Materials Chemistry C</i> , 2013, 1, 3816. | 2.7 | 39 |
| 97 | Visible-light degradable polymer coated hollow mesoporous silica nanoparticles for controlled drug release and cell imaging. <i>Journal of Materials Chemistry B</i> , 2013, 1, 4628. | 2.9 | 59 |
| 98 | Bistable memory devices with lower threshold voltage by extending the molecular alkyl-chain length. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 9212. | 1.3 | 22 |
| 99 | A benzoxazine-hemicyanine based probe for the colorimetric and ratiometric detection of biothiols. <i>Sensors and Actuators B: Chemical</i> , 2013, 178, 525-531. | 4.0 | 31 |
| 100 | Adjustment of charge trap number and depth in molecular backbone to achieve tunable multilevel data storage performance. <i>Journal of Materials Chemistry C</i> , 2013, 1, 2320. | 2.7 | 46 |
| 101 | Preparation of a polymer containing indole groups by RAFT polymerization and one-phase synthesis of AuNPs-polymer nanocomposites. <i>Journal of Applied Polymer Science</i> , 2013, 129, 2913-2921. | 1.3 | 4 |
| 102 | Reversible Hydrogenation-Oxidative Dehydrogenation of Quinolines over a Highly Active Pt Nanowire Catalyst under Mild Conditions. <i>ChemCatChem</i> , 2013, 5, 2183-2186. | 1.8 | 75 |
| 103 | Catalysis by Pd nanoclusters generated in situ of high-efficiency synthesis of aromatic azo compounds from nitroaromatics under H ₂ atmosphere. <i>RSC Advances</i> , 2013, 3, 4899. | 1.7 | 26 |
| 104 | Third-order nonlinear optical properties of unsymmetric pentamethine cyanine dyes possessing benzoxazolyl and benzothiazolyl groups. <i>Dyes and Pigments</i> , 2013, 96, 189-195. | 2.0 | 17 |
| 105 | Dual-Mechanism-Controlled Ternary Memory Devices Fabricated by Random Copolymers with Pendent Carbazole and Nitro-Azobenzene. <i>Journal of Physical Chemistry C</i> , 2012, 116, 25546-25551. | 1.5 | 36 |
| 106 | A facile preparation of targetable pH-sensitive polymeric nanocarriers with encapsulated magnetic nanoparticles for controlled drug release. <i>Journal of Materials Chemistry</i> , 2012, 22, 25354. | 6.7 | 42 |
| 107 | Polybenzimidazole/zwitterion-coated silica nanoparticle hybrid proton conducting membranes for anhydrous proton exchange membrane application. <i>Journal of Materials Chemistry</i> , 2012, 22, 18411. | 6.7 | 51 |
| 108 | Memory devices based on functionalized copolymers exhibiting a linear dependence of switch threshold voltage with the pendant nitro-azobenzene moiety content change. <i>Journal of Materials Chemistry</i> , 2012, 22, 19957. | 6.7 | 19 |

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|-----|--|------|-----------|
| 109 | Highly efficient synthesis of aromatic azos catalyzed by unsupported ultra-thin Pt nanowires. <i>Chemical Communications</i> , 2012, 48, 3445. | 2.2 | 89 |
| 110 | Light-triggered reversible assemblies of azobenzene-containing amphiphilic copolymer with β -cyclodextrin-modified hollow mesoporous silica nanoparticles for controlled drug release. <i>Chemical Communications</i> , 2012, 48, 10010. | 2.2 | 102 |
| 111 | Synthesis of cyanine dyes and investigation of their in vitro antiprotozoal activities. <i>MedChemComm</i> , 2012, 3, 1435. | 3.5 | 14 |
| 112 | Thermally Stable Ternary Data-Storage Device Based on Twisted Anthraquinone Molecular Design. <i>Journal of Physical Chemistry C</i> , 2012, 116, 22832-22839. | 1.5 | 40 |
| 113 | Tailoring of Molecular Planarity to Reduce Charge Injection Barrier for High-Performance Small-Molecule-Based Ternary Memory Device with Low Threshold Voltage. <i>Advanced Materials</i> , 2012, 24, 6210-6215. | 11.1 | 131 |
| 114 | Synthesis and Application of a Full Water-Soluble and Red-Emitting Chemosensor Based on Phenoxazinium for Copper(II) Ions. <i>Chinese Journal of Chemistry</i> , 2012, 30, 2303-2308. | 2.6 | 5 |
| 115 | Facile preparation of coating fluorescent hollow mesoporous silica nanoparticles with pH-sensitive amphiphilic diblock copolymer for controlled drug release and cell imaging. <i>Soft Matter</i> , 2012, 8, 5309. | 1.2 | 50 |
| 116 | A near-infrared phenoxazinium-based fluorescent probe for zinc ions and its imaging in living cells. <i>Sensors and Actuators B: Chemical</i> , 2012, 171-172, 1001-1006. | 4.0 | 9 |
| 117 | Molecular length adjustment for organic azo-based nonvolatile ternary memory devices. <i>Journal of Materials Chemistry</i> , 2012, 22, 16582. | 6.7 | 61 |
| 118 | Star-shaped polymer PFStODO by atom transfer radical polymerization: Its synthesis, characterization, and fluorescence property. <i>Journal of Polymer Science Part A</i> , 2012, 50, 480-487. | 2.5 | 15 |
| 119 | The synthesis and NLO properties of 1,8-naphthalimide derivatives for both femtosecond and nanosecond laser pulses. <i>Dyes and Pigments</i> , 2012, 94, 271-277. | 2.0 | 13 |
| 120 | A comparative study of symmetrical and unsymmetrical trimethine cyanine dyes bearing benzoxazolyl and benzothiazolyl groups. <i>Dyes and Pigments</i> , 2012, 93, 1506-1511. | 2.0 | 33 |
| 121 | Devices performance tuned by molecular film-forming properties and electron trap for WORM memory application. <i>Dyes and Pigments</i> , 2012, 95, 365-372. | 2.0 | 7 |
| 122 | A new DRAM-type memory devices based on polymethacrylate containing pendant 2-methylbenzothiazole. <i>Materials Chemistry and Physics</i> , 2012, 134, 273-278. | 2.0 | 13 |
| 123 | Hollow mesoporous silica nanoparticles conjugated with pH-sensitive amphiphilic diblock polymer for controlled drug release. <i>Microporous and Mesoporous Materials</i> , 2012, 152, 16-24. | 2.2 | 62 |
| 124 | Synthesis, structures and optical properties of coordination compounds bearing N,N-dimethyl-4-(pyridin-4-yl)diazanyl) aniline. <i>Polyhedron</i> , 2012, 35, 7-14. | 1.0 | 7 |
| 125 | High-Temperature Solid-State Dye-Sensitized Solar Cells Based on Organic Ionic Plastic Crystal Electrolytes. <i>Advanced Materials</i> , 2012, 24, 945-950. | 11.1 | 82 |
| 126 | Reversible Lithium-Ion Storage in Silver-Treated Nanoscale Hollow Porous Silicon Particles. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 2409-2413. | 7.2 | 299 |

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|-----|---|-----|-----------|
| 127 | Facile synthesis of hybrid nanostructures from nanoparticles, nanorods and nanowires. <i>Journal of Materials Chemistry</i> , 2011, 21, 11478. | 6.7 | 30 |
| 128 | Facile synthesis of polymer/Au heteronanoparticles. <i>Chemical Communications</i> , 2011, 47, 4228. | 2.2 | 14 |
| 129 | Synthesis of Pt@Fe ₂ O ₃ nanorods as MRI probes for in vivo application. <i>Chemical Communications</i> , 2011, 47, 6320. | 2.2 | 21 |
| 130 | Benzo[<i>a</i>]phenoxazinium-Based Red-Emitting Chemosensor for Zinc Ions in Biological Media. <i>Organic Letters</i> , 2011, 13, 2710-2713. | 2.4 | 82 |
| 131 | A small-molecule-based device for data storage and electro-optical switch applications. <i>Journal of Materials Chemistry</i> , 2011, 21, 5860. | 6.7 | 37 |
| 132 | Dynamic Random Access Memory Devices Based on Functionalized Copolymers with Pendant Hydrazine Naphthalimide Group. <i>Journal of Physical Chemistry C</i> , 2011, 115, 8288-8294. | 1.5 | 36 |
| 133 | Oxidation of benzylic compounds by gold nanowires at 1 atm O ₂ . <i>Chemical Communications</i> , 2011, 47, 1303-1305. | 2.2 | 39 |
| 134 | A Highly Active Nano-Palladium Catalyst for the Preparation of Aromatic Azos under Mild Conditions. <i>Organic Letters</i> , 2011, 13, 5640-5643. | 2.4 | 86 |
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