

# Jian-Mei Lu

## List of Publications by Year in descending order

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221  
papers

8,463  
citations

53751

45  
h-index

58549

82  
g-index

227  
all docs

227  
docs citations

227  
times ranked

9827  
citing authors

#	ARTICLE	IF	CITATIONS
1	Advanced applications of ionic liquids in polymer science. <i>Progress in Polymer Science</i> , 2009, 34, 431-448.	11.8	985
2	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
3	Cross-Linked Alkaline Ionic Liquid-Based Polymer Electrolytes for Alkaline Fuel Cell Applications. <i>Chemistry of Materials</i> , 2010, 22, 6718-6725.	3.2	294
4	Graphene-Encapsulated Hollow Fe <sub>3</sub> O <sub>4</sub> Nanoparticle Aggregates As a High-Performance Anode Material for Lithium Ion Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , 2011, 3, 3078-3083.	4.0	288
5	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
6	Protic Ionic Liquid-Based Hybrid Proton-Conducting Membranes for Anhydrous Proton Exchange Membrane Application. <i>Chemistry of Materials</i> , 2010, 22, 1807-1813.	3.2	192
7	A Small-Molecule-Based Ternary Data-Storage Device. <i>Journal of the American Chemical Society</i> , 2010, 132, 5542-5543.	6.6	183
8	Enhanced Proton Conduction in Polymer Electrolyte Membranes as Synthesized by Polymerization of Protic Ionic Liquid-Based Microemulsions. <i>Chemistry of Materials</i> , 2009, 21, 1480-1484.	3.2	142
9	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
10	Conductivity Switching and Electronic Memory Effect in Polymers with Pendant Azobenzene Chromophores. <i>ACS Applied Materials &amp; Interfaces</i> , 2009, 1, 60-71.	4.0	126
11	Recent advances in organic-based materials for resistive memory applications. <i>Informa-Materials</i> , 2020, 2, 995-1033.	8.5	125
12	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
13	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
14	Light-triggered reversible assemblies of azobenzene-containing amphiphilic copolymer with $\beta$ -cyclodextrin-modified hollow mesoporous silica nanoparticles for controlled drug release. <i>Chemical Communications</i> , 2012, 48, 10010.	2.2	102
15	Rational Design of Small Molecules to Implement Organic Quaternary Memory Devices. <i>Advanced Functional Materials</i> , 2016, 26, 146-154.	7.8	102
16	Multilevel Conductance Switching of a Memory Device Induced by Enhanced Intermolecular Charge Transfer. <i>Advanced Materials</i> , 2015, 27, 5968-5973.	11.1	100
17	A coumarin-indole-based near-infrared ratiometric pH probe for intracellular fluorescence imaging. <i>Analyst</i> , 2013, 138, 6542.	1.7	93
18	Pseudohalide-Induced 2D (CH <sub>3</sub> NH <sub>3</sub> ) <sub>2</sub> Pb <sub>2</sub> (SCN) <sub>2</sub> Perovskite for Ternary Resistive Memory with High Performance. <i>Small</i> , 2018, 14, e1703667.	5.2	91

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19	Highly efficient synthesis of aromatic azos catalyzed by unsupported ultra-thin Pt nanowires. <i>Chemical Communications</i> , 2012, 48, 3445.	2.2	89
20	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
21	Modification of magnetic silica/iron oxide nanocomposites with fluorescent polymethacrylic acid for cancer targeting and drug delivery. <i>Journal of Materials Chemistry</i> , 2010, 20, 6422.	6.7	85
22	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
23	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
24	High Performance Cross-Linked Poly(2-acrylamido-2-methylpropanesulfonic acid)-Based Proton Exchange Membranes for Fuel Cells. <i>Macromolecules</i> , 2010, 43, 6398-6405.	2.2	78
25	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
26	Chain Walking Ethylene Copolymerization with an ATRP Inimer for One-Pot Synthesis of Hyperbranched Polyethylenes Tethered with ATRP Initiating Sites. <i>Macromolecular Rapid Communications</i> , 2007, 28, 2185-2191.	2.0	75
27	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
28	1D $\pi$ -Conjugated Coordination Polymers for Multilevel Memory of Long-Term and High-Temperature Stability. <i>Advanced Electronic Materials</i> , 2017, 3, 1700107.	2.6	73
29	Ultrathin Platinum Nanowire Catalysts for Direct C-N Coupling of Carbonyls with Aromatic Nitro Compounds under 1 bar of Hydrogen. <i>Chemistry - A European Journal</i> , 2011, 17, 14283-14287.	1.7	70
30	Direct Hydrogenation of Nitroaromatics and One-Pot Amidation with Carboxylic Acids over Platinum Nanowires. <i>Chemistry - A European Journal</i> , 2011, 17, 2763-2768.	1.7	67
31	Polymerization of Ionic Liquid-Based Microemulsions: A Versatile Method for the Synthesis of Polymer Electrolytes. <i>Macromolecules</i> , 2008, 41, 3389-3392.	2.2	66
32	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
33	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
34	Molecular length adjustment for organic azo-based nonvolatile ternary memory devices. <i>Journal of Materials Chemistry</i> , 2012, 22, 16582.	6.7	61
35	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
36	Preparation of Pt@Fe <sub>2</sub> O <sub>3</sub> Nanowires and their Catalysis of Selective Oxidation of Olefins and Alcohols. <i>Chemistry - A European Journal</i> , 2011, 17, 8726-8730.	1.7	58

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37	Core-First Synthesis of Multiarm Star Polyethylenes with a Hyperbranched Core and Linear Arms via Ethylene Multifunctional Living Polymerization with Hyperbranched Polyethylenes Encapsulating Multinuclear Covalently Tethered Pd-Diimine Catalysts. <i>Macromolecules</i> , 2010, 43, 4889-4901.	2.2	56
38	Microemulsion polymerization of cationic pyrroles bearing an imidazolium ionic liquid moiety. <i>Journal of Polymer Science Part A</i> , 2009, 47, 746-753.	2.5	52
39	Macromolecular protic ionic liquid-based proton-conducting membranes for anhydrous proton exchange membrane application. <i>Journal of Power Sources</i> , 2011, 196, 7979-7984.	4.0	52
40	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
41	Reverse atom transfer radical solution polymerization of methyl methacrylate under pulsed microwave irradiation. <i>Journal of Polymer Science Part A</i> , 2002, 40, 3823-3834.	2.5	50
42	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
43	Highly Robust Organometallic Small-Molecule-Based Nonvolatile Resistive Memory Controlled by a Redox-Gated Switching Mechanism. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 40332-40338.	4.0	50
44	Amphiphilic copolymer coated upconversion nanoparticles for near-infrared light-triggered dual anticancer treatment. <i>Nanoscale</i> , 2014, 6, 14903-14910.	2.8	48
45	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
46	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
47	A polymeric chemosensor for Fe <sup>3+</sup> based on fluorescence quenching of polymer with quinoline derivative in the side chain. <i>Materials Chemistry and Physics</i> , 2009, 114, 339-343.	2.0	45
48	Effect of a 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
49	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
50	pH-responsive polymeric carrier encapsulated magnetic nanoparticles for cancer targeted imaging and delivery. <i>Journal of Materials Chemistry</i> , 2011, 21, 12682.	6.7	43
51	Acetals moiety contained pH-sensitive amphiphilic copolymer self-assembly used for drug carrier. <i>Polymer</i> , 2010, 51, 1709-1715.	1.8	42
52	Nonlinear optical properties and memory effects of the azo polymers carrying different substituents. <i>Dyes and Pigments</i> , 2011, 88, 18-24.	2.0	42
53	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
54	Two Different Memory Characteristics Controlled by the Film Thickness of Polymethacrylate Containing Pendant Azobenzothiazole. <i>Journal of Physical Chemistry C</i> , 2010, 114, 6117-6122.	1.5	41

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55	Sustainable Polymerizations in Recoverable Microemulsions. <i>Langmuir</i> , 2010, 26, 3803-3806.	1.6	40
56	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
57	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
58	Thiadizoloquinoline-Based N-Heteroacenes as Active Elements for High-Density Data-Storage Device. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 15971-15979.	4.0	40
59	Oxidation of benzylic compounds by gold nanowires at 1 atm O <sub>2</sub> . <i>Chemical Communications</i> , 2011, 47, 1303-1305.	2.2	39
60	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
61	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
62	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
63	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
64	Dual-Mechanism-Controlled Ternary Memory Devices Fabricated by Random Copolymers with Pendant Carbazole and Nitro-Azobenzene. <i>Journal of Physical Chemistry C</i> , 2012, 116, 25546-25551.	1.5	36
65	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
66	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
67	Synthesis and the third-order nonlinear optical properties of soluble polymers with different substituted azobenzene side chains. <i>Polymer</i> , 2009, 50, 428-433.	1.8	34
68	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
69	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
70	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
71	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
72	Organic Multilevel Memory Devices of Long-Term Environmental Stability via Incorporation of Fluorine. <i>Advanced Electronic Materials</i> , 2016, 2, 1500474.	2.6	32

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73	Catalytic epoxidation of stilbene with FePt@Cu nanowires and molecular oxygen. <i>Chemical Communications</i> , 2010, 46, 8591.	2.2	31
74	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
75	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
76	Synthesis and the third-order non-linear optical properties of new azobenzene-containing side-chain polymers. <i>Optical Materials</i> , 2006, 28, 1412-1416.	1.7	30
77	A novel degradable polymeric carrier for selective release and imaging of magnetic nanoparticles. <i>Chemical Communications</i> , 2010, 46, 6708.	2.2	30
78	Facile synthesis of hybrid nanostructures from nanoparticles, nanorods and nanowires. <i>Journal of Materials Chemistry</i> , 2011, 21, 11478.	6.7	30
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	Fluorine-Induced Highly Reproducible Resistive Switching Performance: Facile Morphology Control through the Transition between J- and H-Aggregation. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 9926-9934.	4.0	30
81	Microwave radiation copolymerization in solid state of maleic anhydride and allylthiourea. <i>Journal of Applied Polymer Science</i> , 1998, 68, 1563-1566.	1.3	28
82	ATRP of MMA initiated by 2-bromomethyl-4,5-diphenyloxazole at room temperature and study of fluorescent property. <i>European Polymer Journal</i> , 2007, 43, 2718-2724.	2.6	28
83	WORM memory devices based on conformation change of a PVK derivative with a rigid spacer in side chain. <i>Materials Chemistry and Physics</i> , 2010, 123, 685-689.	2.0	28
84	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
85	Pseudo-living radical polymerization using triarylmethane as the thermal iniferter. <i>European Polymer Journal</i> , 2008, 44, 2404-2411.	2.6	27
86	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
87	A selective, sensitive probe for mercury(II) ions based on oxazine-thione. <i>Tetrahedron Letters</i> , 2011, 52, 595-597.	0.7	26
88	Catalysis by Pd nanoclusters generated in situ of high-efficiency synthesis of aromatic azo compounds from nitroaromatics under H <sub>2</sub> atmosphere. <i>RSC Advances</i> , 2013, 3, 4899.	1.7	26
89	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
90	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

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91	Atom transfer radical polymerization of styrene initiated by 2-(4-chloromethyl-phenyl)-benzoxazole with high activity and fluorescent property. <i>Polymer</i> , 2005, 46, 9186-9191.	1.8	25
92	The synthesis, electrochemical and fluorescent properties of monomers and polymers containing 2,5-diphenyl-1,3,4-thiadiazole. <i>Dyes and Pigments</i> , 2010, 84, 153-158.	2.0	24
93	Controllable and Versatile Electrophoretic Deposition Technology for Monolithic Organic Memory Devices. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 15482-15490.	4.0	24
94	Toward Highly Robust Nonvolatile Multilevel Memory by Fine Tuning of the Nanostructural Crystalline Solidâ€State Order. <i>Small</i> , 2021, 17, e2100102.	5.2	24
95	Reverse atom transfer radical polymerization of MMA via immobilized catalysts in imidazolium ionic liquids. <i>Journal of Applied Polymer Science</i> , 2007, 103, 3915-3919.	1.3	23
96	Inserting Thienyl Linkers into Conjugated Molecules for Efficient Multilevel Electronic Memory: A New Understanding of Chargeâ€Trapping in Organic Materials. <i>Chemistry - an Asian Journal</i> , 2016, 11, 906-914.	1.7	23
97	One-dimensional Î€-d conjugated coordination polymers: synthesis and their improved memory performance. <i>Science China Chemistry</i> , 2019, 62, 753-760.	4.2	23
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	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
100	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
101	Effects of coal and ammonium polyphosphate on thermal degradation and flame retardancy of polyethylene terephthalate. <i>Journal of Polymer Research</i> , 2010, 17, 621-629.	1.2	21
102	Synthesis of Pt@Fe2O3 nanorods as MRI probes for in vivo application. <i>Chemical Communications</i> , 2011, 47, 6320.	2.2	21
103	Third-order nonlinear optical properties of symmetric phenoxazinium chlorides with resonance structures at 532Ånm. <i>Dyes and Pigments</i> , 2011, 91, 489-494.	2.0	21
104	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
105	Metal complex modified azo polymers for multilevel organic memories. <i>Nanoscale</i> , 2015, 7, 7659-7664.	2.8	21
106	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
107	Deriving highly oriented organic nanofibers and ternary memory performance <i>via</i> salification-induced effects. <i>Chemical Communications</i> , 2018, 54, 10610-10613.	2.2	21
108	Upgrading Electroresistive Memory from Binary to Ternary Through Singleâ€Atom Substitution in the Molecular Design. <i>Chemistry - an Asian Journal</i> , 2017, 12, 45-51.	1.7	20

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109	Synthesis and photoluminescent property of star polymers with carbzole pendent and a zinc porphyrin core by ATRP. <i>Polymer</i> , 2011, 52, 4261-4267.	1.8	19
110	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
111	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
112	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
113	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
114	Atom Transfer Radical Polymerization and Third-Order Nonlinear Optical Properties of New Azobenzene-Containing Side-Chain Polymers. <i>Macromolecular Chemistry and Physics</i> , 2007, 208, 399-404.	1.1	18
115	Synthesis of optical-active azo-containing acrylates using atom transfer radical polymerization under microwave irradiation. <i>European Polymer Journal</i> , 2007, 43, 4486-4492.	2.6	18
116	Ternary Flexible Electroresistive Memory Device based on Small Molecules. <i>Chemistry - an Asian Journal</i> , 2016, 11, 1624-1630.	1.7	18
117	Poly(3,4-ethylenedioxythiophene)â€“Poly(styrenesulfonate) Interlayer Insertion Enables Organic Quaternary Memory. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 27847-27852.	4.0	18
118	Zn(II) based mixed complex with 8-hydroxyquinoline end group functionalized PSt and the study of fluorescent properties. <i>Optical Materials</i> , 2005, 27, 1350-1357.	1.7	17
119	Synthesis and Optical Properties of a New Series of Side-Chain Poly(amic acid)s With p-? Conjugation. <i>Macromolecular Chemistry and Physics</i> , 2005, 206, 559-565.	1.1	17
120	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
121	Novel synthesis of polyimides of the third-order optical nonlinearities by microwave assistance. <i>Journal of Applied Polymer Science</i> , 2003, 87, 1739-1747.	1.3	16
122	Synthesis of third-order nonlinear optical polyacrylates containing an azobenzene side chain via atom transfer radical polymerization. <i>Dyes and Pigments</i> , 2009, 80, 73-79.	2.0	16
123	The synthesis and third-order nonlinear optical properties of resonance Benzo[a]phenoxazinium salts. <i>Dyes and Pigments</i> , 2011, 88, 50-56.	2.0	16
124	Synthesis and in vitro antiprotozoal activities of water-soluble, inexpensive phenothiazinium chlorides. <i>Dyes and Pigments</i> , 2011, 89, 44-48.	2.0	16
125	Selective ratiometric detection of Hg <sup>2+</sup> in pure water using a phenoxazinium-based probe. <i>Tetrahedron Letters</i> , 2011, 52, 2492-2495.	0.7	16
126	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



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127	Polymerization of benzoguanamine and pyromellitic dianhydride under microwave radiation and its third-order optical nonlinearities. <i>Journal of Applied Polymer Science</i> , 2001, 82, 1356-1363.	1.3	15
128	Third-order nonlinear optical properties of polyureas and polyimide synthesized by microwave irradiation. <i>Journal of Applied Polymer Science</i> , 2003, 89, 2611-2617.	1.3	15
129	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
130	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
131	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
132	Facile synthesis of polymer/Au heteronanoparticles. <i>Chemical Communications</i> , 2011, 47, 4228.	2.2	14
133	Synthesis of cyanine dyes and investigation of their in vitro antiprotozoal activities. <i>MedChemComm</i> , 2012, 3, 1435.	3.5	14
134	Racemic Effect on the Performance of Organic Multilevel Memory: Beyond Molecular Design. <i>Advanced Materials Technologies</i> , 2017, 2, 1700202.	3.0	14
135	Synthesis of AB-type block copolymers containing benzoxazole and anthracene groups by ATRP and fluorescent property. <i>Journal of Polymer Science Part A</i> , 2007, 45, 3894-3901.	2.5	13
136	Hydrothermal synthesis, structure, and luminescent properties of selected Zn(II)/Cd(ii) coordination polymers constructed from 3,5-bis(x-pyridyl)-1,2,4-triazole (x = 3, 4). <i>Dalton Transactions</i> , 2011, 40, 2805.	1.6	13
137	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
138	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
139	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
140	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
141	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
142	Conjugated zwitterion-inspired flexible ternary resistive memory from rhodamine dyes. <i>Journal of Materials Chemistry C</i> , 2020, 8, 7658-7662.	2.7	13
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