

Jean M J FrÃ©chet

List of Publications by Year in descending order

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740
papers

93,945
citations

140

158
h-index

421

276
g-index

760
all docs

760
docs citations

760
times ranked

49176
citing authors

#	ARTICLE	IF	CITATIONS
1	Reduction Triggered <i>In Situ</i> Polymerization in Living Mice. <i>Journal of the American Chemical Society</i> , 2020, 142, 15575-15584.	13.7	42
2	On the Molecular Origin of Charge Separation at the Donor–Acceptor Interface. <i>Advanced Energy Materials</i> , 2018, 8, 1702232.	19.5	51
3	Organic Semiconductor-Containing Supramolecules: Effect of Small Molecule Crystallization and Molecular Packing. <i>Macromolecules</i> , 2016, 49, 833-843.	4.8	9
4	The effect of polymer backbone chemistry on the induction of the accelerated blood clearance in polymer modified liposomes. <i>Journal of Controlled Release</i> , 2015, 213, 1-9.	9.9	148
5	Controlling Solution–Phase Polymer Aggregation with Molecular Weight and Solvent Additives to Optimize Polymer–Fullerene Bulk Heterojunction Solar Cells. <i>Advanced Energy Materials</i> , 2014, 4, 1301733.	19.5	194
6	A Mechanistic Understanding of Processing Additive–Induced Efficiency Enhancement in Bulk Heterojunction Organic Solar Cells. <i>Advanced Materials</i> , 2014, 26, 300-305.	21.0	145
7	On the Efficiency of Charge Transfer State Splitting in Polymer:Fullerene Solar Cells. <i>Advanced Materials</i> , 2014, 26, 2533-2539.	21.0	106
8	Organic Solar Cells: On the Efficiency of Charge Transfer State Splitting in Polymer:Fullerene Solar Cells (Adv. Mater. 16/2014). <i>Advanced Materials</i> , 2014, 26, 2607-2607.	21.0	0
9	Decacyclene Triimides: Paving the Road to Universal Non–Fullerene Acceptors for Organic Photovoltaics. <i>Advanced Energy Materials</i> , 2014, 4, 1301007.	19.5	57
10	Efficient charge generation by relaxed charge-transfer states at organic interfaces. <i>Nature Materials</i> , 2014, 13, 63-68.	27.5	667
11	In Situ and Real-Time Atomic Force Microscopy Studies of the Stability of Oligothiophene Langmuir–Blodgett Monolayers in Liquid. <i>Journal of Physical Chemistry C</i> , 2014, 118, 5789-5795.	3.1	2
12	The influence of microstructure on charge separation dynamics in organic bulk heterojunction materials for solar cell applications. <i>Journal of Materials Chemistry A</i> , 2014, 2, 6218-6230.	10.3	48
13	Solution–Processed, Molecular Photovoltaics that Exploit Hole Transfer from Non–Fullerene, n–Type Materials. <i>Advanced Materials</i> , 2014, 26, 4313-4319.	21.0	76
14	Bulk Heterojunction Solar Cells: A Mechanistic Understanding of Processing Additive-Induced Efficiency Enhancement in Bulk Heterojunction Organic Solar Cells (Adv. Mater. 2/2014). <i>Advanced Materials</i> , 2014, 26, 299-299.	21.0	3
15	Improving the long-term stability of PBDTPD polymer solar cells through material purification aimed at removing organic impurities. <i>Energy and Environmental Science</i> , 2013, 6, 2529.	30.8	98
16	Enhanced Solid-State Order and Field-Effect Hole Mobility through Control of Nanoscale Polymer Aggregation. <i>Journal of the American Chemical Society</i> , 2013, 135, 19229-19236.	13.7	194
17	Electron Transfer Dynamics of Triphenylamine Dyes Bound to TiO ₂ Nanoparticles from Femtosecond Stimulated Raman Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2013, 117, 6990-6997.	3.1	29
18	Control of Polymer-Packing Orientation in Thin Films through Synthetic Tailoring of Backbone Coplanarity. <i>Chemistry of Materials</i> , 2013, 25, 4088-4096.	6.7	206

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19	Clinical developments of chemotherapeutic nanomedicines: polymers and liposomes for delivery of camptothecins and platinum (II) drugs. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2013, 5, 130-138.	6.1	41
20	The Importance of Fullerene Percolation in the Mixed Regions of Polymer/Fullerene Bulk Heterojunction Solar Cells. Advanced Energy Materials, 2013, 3, 364-374.	19.5	412
21	Linear Side Chains in Benzo[1,2-b:4,5-b']dithiophene-Thieno[3,4-c]pyrrole-4,6-dione Polymers Direct Self-Assembly and Solar Cell Performance. Journal of the American Chemical Society, 2013, 135, 4656-4659.	13.7	661
22	Sensitivity to Molecular Order of the Electrical Conductivity in Oligothiophene Monolayer Films. Langmuir, 2013, 29, 1206-1210.	3.5	5
23	Recombination in Polymer:Fullerene Solar Cells with Open-Circuit Voltages Approaching and Exceeding 1.0 V. Advanced Energy Materials, 2013, 3, 220-230.	19.5	212
24	Analysis of Lanthanide Complex Dendrimer Conjugates for Bimodal NIR and MRI Imaging. Macromolecules, 2012, 45, 8982-8990.	4.8	36
25	Degradable Dextran Particles for Gene Delivery Applications. Australian Journal of Chemistry, 2012, 65, 15.	0.9	18
26	A Quantitative Correlation between the Mobility and Crystallinity of Photo-Cross-Linkable P3HT. Macromolecules, 2012, 45, 3057-3062.	4.8	46
27	Branched Polymeric Media: Perchlorate-Selective Resins from Hyperbranched Polyethyleneimine. Environmental Science & Technology, 2012, 46, 10718-10726.	10.0	27
28	Self-Assembly and Photomechanical Switching of an Azobenzene Derivative on GaAs(110): Scanning Tunneling Microscopy Study. Journal of Physical Chemistry C, 2012, 116, 1052-1055.	3.1	22
29	Polyphosphonium Polymers for siRNA Delivery: An Efficient and Nontoxic Alternative to Polyammonium Carriers. Journal of the American Chemical Society, 2012, 134, 1902-1905.	13.7	122
30	Aerosolized Antimicrobial Agents Based on Degradable Dextran Nanoparticles Loaded with Silver Carbene Complexes. Molecular Pharmaceutics, 2012, 9, 3012-3022.	4.6	49
31	Small Molecule-Guided Thermoresponsive Supramolecular Assemblies. Macromolecules, 2012, 45, 8292-8299.	4.8	36
32	Side-Chain Tunability of Furan-Containing Low-Band-Gap Polymers Provides Control of Structural Order in Efficient Solar Cells. Journal of the American Chemical Society, 2012, 134, 2180-2185.	13.7	458
33	Conjugation Chemistry through Acetals toward a Dextran-Based Delivery System for Controlled Release of siRNA. Journal of the American Chemical Society, 2012, 134, 15840-15848.	13.7	82
34	Solvent-Resistant Organic Transistors and Thermally Stable Organic Photovoltaics Based on Cross-linkable Conjugated Polymers. Chemistry of Materials, 2012, 24, 215-221.	6.7	154
35	Preparation of porous polymer monoliths featuring enhanced surface coverage with gold nanoparticles. Journal of Chromatography A, 2012, 1261, 121-128.	3.7	115
36	Effect of reaction conditions on film morphology of polyaniline composite membranes for gas separation. Journal of Polymer Science Part A, 2012, 50, 3077-3085.	2.3	21

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37	Functionalized Isothianaphthene Monomers That Promote Quinoidal Character in Donor-Acceptor Copolymers for Organic Photovoltaics. <i>Macromolecules</i> , 2012, 45, 4069-4074.	4.8	47
38	Conjugation to Biocompatible Dendrimers Increases Lanthanide T_2 Relaxivity of Hydroxypyridinone Complexes for Magnetic Resonance Imaging. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 2108-2114.	2.0	28
39	Improving T_1 and T_2 magnetic resonance imaging contrast agents through the conjugation of an esteramide dendrimer to high-water coordination Gd(III) hydroxypyridinone complexes. <i>Contrast Media and Molecular Imaging</i> , 2012, 7, 95-99.	0.8	45
40	Deep Energetic Trap States in Organic Photovoltaic Devices. <i>Advanced Energy Materials</i> , 2012, 2, 111-119.	19.5	61
41	A monolithic lipase reactor for biodiesel production by transesterification of triacylglycerides into fatty acid methyl esters. <i>Biotechnology and Bioengineering</i> , 2012, 109, 371-380.	3.3	35
42	Acid-degradable solid-walled microcapsules for pH-responsive burst-release drug delivery. <i>Chemical Communications</i> , 2011, 47, 665-667.	4.1	90
43	Conjugation Effects of Various Linkers on Gd(III) MRI Contrast Agents with Dendrimers: Optimizing the Hydroxypyridinonate (HOPO) Ligands with Nontoxic, Degradable Esteramide (EA) Dendrimers for High Relaxivity. <i>Journal of the American Chemical Society</i> , 2011, 133, 2390-2393.	13.7	90
44	Acid-Degradable Cationic Dextran Particles for the Delivery of siRNA Therapeutics. <i>Bioconjugate Chemistry</i> , 2011, 22, 1056-1065.	3.6	142
45	A Biocompatible Oxidation-Triggered Carrier Polymer with Potential in Therapeutics. <i>Journal of the American Chemical Society</i> , 2011, 133, 756-758.	13.7	348
46	Thermally Activated, Single Component Epoxy Systems. <i>Macromolecules</i> , 2011, 44, 6318-6325.	4.8	20
47	Porous Polymer Monoliths Functionalized through Copolymerization of a C60 Fullerene-Containing Methacrylate Monomer for Highly Efficient Separations of Small Molecules. <i>Analytical Chemistry</i> , 2011, 83, 9478-9484.	6.5	96
48	Electrical Transport Properties of Oligothiophene-Based Molecular Films Studied by Current Sensing Atomic Force Microscopy. <i>Nano Letters</i> , 2011, 11, 4107-4112.	9.1	34
49	Steric Control of the Donor/Acceptor Interface: Implications in Organic Photovoltaic Charge Generation. <i>Journal of the American Chemical Society</i> , 2011, 133, 12106-12114.	13.7	193
50	Mannosylated Dextran Nanoparticles: A pH-Sensitive System Engineered for Immunomodulation through Mannose Targeting. <i>Bioconjugate Chemistry</i> , 2011, 22, 949-957.	3.6	81
51	Molecular Design and Ordering Effects in π -Functional Materials for Transistor and Solar Cell Applications. <i>Journal of the American Chemical Society</i> , 2011, 133, 20009-20029.	13.7	1,338
52	Synthesis and Properties of Star-Comb Polymers and Their Doxorubicin Conjugates. <i>Bioconjugate Chemistry</i> , 2011, 22, 617-624.	3.6	38
53	Long-Term Thermal Stability of High-Efficiency Polymer Solar Cells Based on Photocrosslinkable Donor-Acceptor Conjugated Polymers. <i>Advanced Materials</i> , 2011, 23, 1660-1664.	21.0	157
54	A Facile Approach to Superhydrophilic-Superhydrophobic Patterns in Porous Polymer Films. <i>Advanced Materials</i> , 2011, 23, 3030-3034.	21.0	170

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55	Efficient Small Molecule Bulk Heterojunction Solar Cells with High Fill Factors via Pyrene-Directed Molecular Self-Assembly. <i>Advanced Materials</i> , 2011, 23, 5359-5363.	21.0	357
56	Chemotherapeutic Evaluation of a Synthetic Tubulysin Analogue-Dendrimer Conjugate in C26 Tumor Bearing Mice. <i>ChemMedChem</i> , 2011, 6, 49-53.	3.2	31
57	Incorporation of carbon nanotubes in porous polymer monolithic capillary columns to enhance the chromatographic separation of small molecules. <i>Journal of Chromatography A</i> , 2011, 1218, 2546-2552.	3.7	172
58	Synthetic Control of Structural Order in <i>N</i> -Alkylthieno[3,4- <i>c</i>]pyrrole-4,6-dione-Based Polymers for Efficient Solar Cells. <i>Journal of the American Chemical Society</i> , 2010, 132, 7595-7597.	13.7	882
59	Functionalization, self-assembly, and photoswitching quenching for azobenzene derivatives adsorbed on Au(111). <i>Journal of Chemical Physics</i> , 2010, 133, 234707.	3.0	16
60	The Origin of Charge Localization Observed in Organic Photovoltaic Materials. <i>Journal of the American Chemical Society</i> , 2010, 132, 15720-15725.	13.7	39
61	Porous Polymer Monolithic Column with Surface-Bound Gold Nanoparticles for the Capture and Separation of Cysteine-Containing Peptides. <i>Analytical Chemistry</i> , 2010, 82, 3352-3358.	6.5	190
62	Site Isolation in Phosphorescent Bichromophoric Block Copolymers Designed for White Electroluminescence. <i>Advanced Materials</i> , 2010, 22, 77-82.	21.0	129
63	Acetal-Modified Dextran Microparticles with Controlled Degradation Kinetics and Surface Functionality for Gene Delivery in Phagocytic and Non-Phagocytic Cells. <i>Advanced Materials</i> , 2010, 22, 3593-3597.	21.0	101
64	Polarity-Directed One-Pot Asymmetric Cascade Reactions Mediated by Two Catalysts in an Aqueous Buffer. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 2393-2396.	13.8	44
65	Hypercrosslinking: New approach to porous polymer monolithic capillary columns with large surface area for the highly efficient separation of small molecules. <i>Journal of Chromatography A</i> , 2010, 1217, 8212-8221.	3.7	150
66	High-Throughput Near-Field Optical Nanoprocessing of Solution-Deposited Nanoparticles. <i>Small</i> , 2010, 6, 1812-1821.	10.0	66
67	Strategies for developing pH sensitive fluorescent probes. <i>Proceedings of SPIE</i> , 2010, , .	0.8	2
68	Modular small-molecule directed nanoparticle assembly. , 2010, , .		1
69	Biological applications of fluorescence lifetime imaging beyond microscopy. <i>Proceedings of SPIE</i> , 2010, , .	0.8	7
70	Oligo- and Polythiophene/ZnO Hybrid Nanowire Solar Cells. <i>Nano Letters</i> , 2010, 10, 334-340.	9.1	381
71	Incorporation of Furan into Low Band-Gap Polymers for Efficient Solar Cells. <i>Journal of the American Chemical Society</i> , 2010, 132, 15547-15549.	13.7	442
72	Kevlar Functionalized Carbon Nanotubes for Next-Generation Composites. <i>Chemistry of Materials</i> , 2010, 22, 2164-2171.	6.7	42

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73	Determination of Photoswitching Dynamics through Chiral Mapping of Single Molecules Using a Scanning Tunneling Microscope. <i>Physical Review Letters</i> , 2010, 104, 178301.	7.8	51
74	Phenyl vs Alkyl Polythiophene: A Solar Cell Comparison Using a Vinazene Derivative as Acceptor. <i>Chemistry of Materials</i> , 2010, 22, 1673-1679.	6.7	125
75	Monolithic Superhydrophobic Polymer Layer with Photopatterned Virtual Channel for the Separation of Peptides Using Two-Dimensional Thin Layer Chromatography-Desorption Electrospray Ionization Mass Spectrometry. <i>Analytical Chemistry</i> , 2010, 82, 2520-2528.	6.5	70
76	Synthesis, Properties, and Electronic Applications of Size-Controlled Poly(3-hexylthiophene) Nanoparticles. <i>Langmuir</i> , 2010, 26, 13056-13061.	3.5	95
77	Nanostructured Organic Semiconductors <i>via</i> Directed Supramolecular Assembly. <i>ACS Nano</i> , 2010, 4, 2721-2729.	14.6	86
78	Easy Access to a Family of Polymer Catalysts from Modular Star Polymers. <i>Journal of the American Chemical Society</i> , 2010, 132, 2570-2572.	13.7	104
79	In Vitro Analysis of Acetalated Dextran Microparticles as a Potent Delivery Platform for Vaccine Adjuvants. <i>Molecular Pharmaceutics</i> , 2010, 7, 826-835.	4.6	118
80	Influence of Molecular Ordering on Electrical and Friction Properties of <i>trans</i> -4-Stilbene)Alkylthiol Self-Assembled Monolayers on Au (111). <i>Langmuir</i> , 2010, 26, 16522-16528.	3.5	19
81	Quinacridone-Based Molecular Donors for Solution Processed Bulk-Heterojunction Organic Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2010, 2, 2679-2686.	8.0	75
82	Polymer Monoliths with Exchangeable Chemistries: Use of Gold Nanoparticles As Intermediate Ligands for Capillary Columns with Varying Surface Functionalities. <i>Analytical Chemistry</i> , 2010, 82, 7416-7421.	6.5	141
83	Efficient Separation of Small Molecules Using a Large Surface Area Hypercrosslinked Monolithic Polymer Capillary Column. <i>Analytical Chemistry</i> , 2010, 82, 1621-1623.	6.5	143
84	Cyclometalated Platinum Polymers: Synthesis, Photophysical Properties, and Photovoltaic Performance. <i>Chemistry of Materials</i> , 2010, 22, 1977-1987.	6.7	55
85	Solution-Processable Crystalline Platinum-Acetylide Oligomers with Broadband Absorption for Photovoltaic Cells. <i>Chemistry of Materials</i> , 2010, 22, 2325-2332.	6.7	97
86	Design, Synthesis, and Biological Evaluation of a Robust, Biodegradable Dendrimer. <i>Bioconjugate Chemistry</i> , 2010, 21, 764-773.	3.6	95
87	Bifunctional Patterning of Mixed Monolayer Surfaces Using Scanning Probe Lithography for Multiplexed Directed Assembly. <i>Journal of the American Chemical Society</i> , 2010, 132, 6890-6891.	13.7	42
88	Bodipy-backboned polymers as electron donor in bulk heterojunction solar cells. <i>Chemical Communications</i> , 2010, 46, 4148.	4.1	153
89	Axial Thiophene-Boron(subphthalocyanine) Dyads and Their Application in Organic Photovoltaics. <i>ACS Applied Materials & Interfaces</i> , 2010, 2, 2833-2838.	8.0	65
90	Site Isolation of Emitters within Cross-Linked Polymer Nanoparticles for White Electroluminescence. <i>Nano Letters</i> , 2010, 10, 1440-1444.	9.1	39

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91	Surface anchoring and dynamics of thiolated azobenzene molecules on Au(111). <i>Journal of Chemical Physics</i> , 2009, 131, 034707.	3.0	10
92	Solution processable boron subphthalocyanine derivatives as active materials for organic photovoltaics. <i>Proceedings of SPIE</i> , 2009, , .	0.8	16
93	T-Cell Activation by Antigen-Loaded pH-Sensitive Hydrogel Particles <i>in Vivo</i> : The Effect of Particle Size. <i>Bioconjugate Chemistry</i> , 2009, 20, 111-119.	3.6	74
94	Biodegradable dendritic positron-emitting nanoprobe for the noninvasive imaging of angiogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 685-690.	7.1	242
95	The influence of polymer topology on pharmacokinetics: Differences between cyclic and linear PEGylated poly(acrylic acid) comb polymers. <i>Journal of Controlled Release</i> , 2009, 140, 203-209.	9.9	136
96	Multifunctional Crosslinkable Iridium Complexes as Hole Transporting/Electron Blocking and Emitting Materials for Solution-Processed Multilayer Organic Light-Emitting Diodes. <i>Advanced Functional Materials</i> , 2009, 19, 1024-1031.	14.9	73
97	Porous Polymer Coatings: a Versatile Approach to Superhydrophobic Surfaces. <i>Advanced Functional Materials</i> , 2009, 19, 1993-1998.	14.9	308
98	Photocrosslinkable Polythiophenes for Efficient, Thermally Stable, Organic Photovoltaics. <i>Advanced Functional Materials</i> , 2009, 19, 2273-2281.	14.9	255
99	In-column preparation of a brush-type chiral stationary phase using click chemistry and a silica monolith. <i>Journal of Separation Science</i> , 2009, 32, 21-28.	2.5	47
100	Nanoporous Polymers for Hydrogen Storage. <i>Small</i> , 2009, 5, 1098-1111.	10.0	373
101	Small-molecule-directed nanoparticle assembly towards stimuli-responsive nanocomposites. <i>Nature Materials</i> , 2009, 8, 979-985.	27.5	431
102	Increased light harvesting in dye-sensitized solar cells with energy relay dyes. <i>Nature Photonics</i> , 2009, 3, 406-411.	31.4	430
103	Nanostructured p-type cobalt layered double hydroxide/n-type polymer bulk heterojunction yields an inexpensive photovoltaic cell. <i>Thin Solid Films</i> , 2009, 517, 5722-5727.	1.8	34
104	Effect of capillary cross-section geometry and size on the separation of proteins in gradient mode using monolithic poly(butyl methacrylate-co-ethylene dimethacrylate) columns. <i>Journal of Chromatography A</i> , 2009, 1216, 2355-2361.	3.7	47
105	<i>In Vivo</i> Studies on the Effect of Co-Encapsulation of CpG DNA and Antigen in Acid-Degradable Microparticle Vaccines. <i>Molecular Pharmaceutics</i> , 2009, 6, 1160-1169.	4.6	70
106	Impact of Hydrogel Nanoparticle Size and Functionalization on <i>In Vivo</i> Behavior for Lung Imaging and Therapeutics. <i>Molecular Pharmaceutics</i> , 2009, 6, 1891-1902.	4.6	76
107	A Direct Route to Cyclic Organic Nanostructures via Ring-Expansion Metathesis Polymerization of a Dendronized Macromonomer. <i>Journal of the American Chemical Society</i> , 2009, 131, 5388-5389.	13.7	142
108	Dependence of Pharmacokinetics and Biodistribution on Polymer Architecture: Effect of Cyclic versus Linear Polymers. <i>Journal of the American Chemical Society</i> , 2009, 131, 3842-3843.	13.7	206

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109	Surface Tension Mediated Conversion of Light to Work. Journal of the American Chemical Society, 2009, 131, 5396-5398.	13.7	152
110	Acetalated dextran is a chemically and biologically tunable material for particulate immunotherapy. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 5497-5502.	7.1	259
111	Chemoselective Ligation in the Functionalization of Polysaccharide-Based Particles. Journal of the American Chemical Society, 2009, 131, 10360-10361.	13.7	64
112	Solution-Processable π -Conjugated-Distyryl Oligothiophene Semiconductors with Enhanced Environmental Stability. Chemistry of Materials, 2009, 21, 1927-1938.	6.7	29
113	Downscaling Limits and Confinement Effects in the Miniaturization of Porous Polymer Monoliths in Narrow Bore Capillaries. Analytical Chemistry, 2009, 81, 7390-7396.	6.5	52
114	Soluble Polymer Carriers for the Treatment of Cancer: The Importance of Molecular Architecture. Accounts of Chemical Research, 2009, 42, 1141-1151.	15.6	661
115	Synthesis and <i>In Vivo</i> Antitumor Efficacy of PEGylated Poly(L-lysine) Dendrimer-Camptothecin Conjugates. Molecular Pharmaceutics, 2009, 6, 1562-1572.	4.6	141
116	Chemicals On Demand with Phototriggerable Microcapsules. Journal of the American Chemical Society, 2009, 131, 13586-13587.	13.7	88
117	Nanoporous, hypercrosslinked polypyrroles: effect of crosslinking moiety on pore size and selective gas adsorption. Chemical Communications, 2009, , 1526.	4.1	78
118	Solution Processing of a Small Molecule, Subnaphthalocyanine, for Efficient Organic Photovoltaic Cells. Chemistry of Materials, 2009, 21, 1413-1417.	6.7	96
119	Use of photopatterned porous polymer monoliths as passive micromixers to enhance mixing efficiency for on-chip labeling reactions. Lab on A Chip, 2009, 9, 877.	6.0	50
120	Self-Assembly of Dendronized Polymers. Journal of Physical Chemistry B, 2009, 113, 13768-13775.	2.6	12
121	All-Polymer Photovoltaic Devices of Poly(3-(4-n-octyl)-phenylthiophene) from Grignard Metathesis (GRIM) Polymerization. Journal of the American Chemical Society, 2009, 131, 14160-14161.	13.7	169
122	Self-Patterned Molecular Photoswitching in Nanoscale Surface Assemblies. Nano Letters, 2009, 9, 935-939.	9.1	31
123	Engineering NIR dyes for fluorescent lifetime contrast. , 2009, 2009, 114-7.		13
124	Effect of Addition of a Diblock Copolymer on Blend Morphology and Performance of Poly(3-hexylthiophene):Perylene Diimide Solar Cells. Chemistry of Materials, 2009, 21, 1775-1777.	6.7	171
125	Lithography-free high-resolution organic transistor arrays on polymer substrate by low energy selective laser ablation of inkjet-printed nanoparticle film. Applied Physics A: Materials Science and Processing, 2008, 92, 579-587.	2.3	77
126	CEC separation of peptides using a poly(hexyl acrylate-co 1,4-butanediol diacrylate-co) Tj ETQqO O O rgBT /Overlock 10 Tf 50 6. 3875-3886.	2.4	31

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127	Polymer-Fullerene Composite Solar Cells. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 58-77.	13.8	3,926
128	Nanoscale Patterning and Electronics on Flexible Substrate by Direct Nanoimprinting of Metallic Nanoparticles. <i>Advanced Materials</i> , 2008, 20, 489-496.	21.0	174
129	Sulfur as a Novel Nanopatterning Material: An Ultrathin Resist and a Chemically Addressable Template for Nanocrystal Self-Assembly. <i>Advanced Materials</i> , 2008, 20, 4526-4529.	21.0	16
130	In-line system containing porous polymer monoliths for protein digestion with immobilized pepsin, peptide preconcentration and nano-liquid chromatography separation coupled to electrospray ionization mass spectroscopy. <i>Journal of Chromatography A</i> , 2008, 1188, 88-96.	3.7	62
131	Monolithic porous polymer stationary phases in polyimide chips for the fast high-performance liquid chromatography separation of proteins and peptides. <i>Journal of Chromatography A</i> , 2008, 1200, 55-61.	3.7	104
132	Biodegradable pH-Sensing Dendritic Nanoprobes for Near-Infrared Fluorescence Lifetime and Intensity Imaging. <i>Journal of the American Chemical Society</i> , 2008, 130, 444-445.	13.7	121
133	One-Pot Multi-Component Asymmetric Cascade Reactions Catalyzed by Soluble Star Polymers with Highly Branched Non-Interpenetrating Catalytic Cores. <i>Journal of the American Chemical Society</i> , 2008, 130, 6322-6323.	13.7	273
134	Iron Complexes of Dendrimer-Appended Carboxylates for Activating Dioxygen and Oxidizing Hydrocarbons. <i>Journal of the American Chemical Society</i> , 2008, 130, 4352-4363.	13.7	67
135	Fully Acid-Degradable Biocompatible Polyacetal Microparticles for Drug Delivery. <i>Bioconjugate Chemistry</i> , 2008, 19, 911-919.	3.6	160
136	Control of Aldol Reaction Pathways of Enolizable Aldehydes in an Aqueous Environment with a Hyperbranched Polymeric Catalyst. <i>Journal of the American Chemical Society</i> , 2008, 130, 17287-17289.	13.7	54
137	PEGylated Dendrimers with Core Functionality for Biological Applications. <i>Bioconjugate Chemistry</i> , 2008, 19, 461-469.	3.6	179
138	Preparation of Size-Selective Nanoporous Polymer Networks of Aromatic Rings: Potential Adsorbents for Hydrogen Storage. <i>Chemistry of Materials</i> , 2008, 20, 7069-7076.	6.7	199
139	A Facile and Patternable Method for the Surface Modification of Carbon Nanotube Forests Using Perfluoroarylazides. <i>Journal of the American Chemical Society</i> , 2008, 130, 4238-4239.	13.7	154
140	Enhanced Cell Penetration of Acid-Degradable Particles Functionalized with Cell-Penetrating Peptides. <i>Bioconjugate Chemistry</i> , 2008, 19, 876-881.	3.6	48
141	Enzymatic Ligation Creates Discrete Multinanoparticle Building Blocks for Self-Assembly. <i>Journal of the American Chemical Society</i> , 2008, 130, 9598-9605.	13.7	90
142	Acid-Degradable Polyurethane Particles for Protein-Based Vaccines: Biological Evaluation and in Vitro Analysis of Particle Degradation Products. <i>Molecular Pharmaceutics</i> , 2008, 5, 876-884.	4.6	49
143	The Influence of Poly(3-hexylthiophene) Regioregularity on Fullerene-Composite Solar Cell Performance. <i>Journal of the American Chemical Society</i> , 2008, 130, 16324-16329.	13.7	394
144	Acetal-Derivatized Dextran: An Acid-Responsive Biodegradable Material for Therapeutic Applications. <i>Journal of the American Chemical Society</i> , 2008, 130, 10494-10495.	13.7	403

#	ARTICLE	IF	CITATIONS
145	Isolation of Discrete Nanoparticle-DNA Conjugates for Plasmonic Applications. <i>Nano Letters</i> , 2008, 8, 1202-1206.	9.1	159
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