

# Todd Emrick

## List of Publications by Year in descending order

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191  
papers

9,482  
citations

34105

52  
h-index

45317

90  
g-index

198  
all docs

198  
docs citations

198  
times ranked

11857  
citing authors

#	ARTICLE	IF	CITATIONS
1	Zwitterionic Ammonium Sulfonate Polymers: Synthesis and Properties in Fluids. <i>Macromolecular Rapid Communications</i> , 2022, 43, e2100678.	3.9	4
2	Reconfiguration and Reorganization of Bottlebrush Polymer Surfactants. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	14
3	In Situ Hydrolysis of Block Copolymers at the Water/Oil Interface. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	6
4	Zwitterionic Block Copolymers for the Synthesis and Stabilization of Perovskite Nanocrystals. <i>Chemistry - A European Journal</i> , 2022, 28, e202200409.	3.3	4
5	Freeze-Burn: Fabrication of Porous Carbon Networks via Polymer-Templated Rapid Thermal Annealing. <i>ACS Applied Polymer Materials</i> , 2022, 4, 4329-4338.	4.4	9
6	Coacervation in polyzwitterion-polyelectrolyte systems and their potential applications for gastrointestinal drug delivery platforms. <i>Nature Communications</i> , 2022, 13, 2250.	12.8	17
7	Stabilization of Three-Particle Excitations in Monolayer MoS <sub>2</sub> by Fluorinated Methacrylate Polymers. <i>Journal of Physical Chemistry Letters</i> , 2022, 13, 4794-4799.	4.6	1
8	High-Performance 1 cm <sup>2</sup> Perovskite-Organic Tandem Solar Cells with a Solvent-Resistant and Thickness-Insensitive Interconnecting Layer. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 29896-29904.	8.0	3
9	Combining Mechanical Fortification and Ultralow Flammability in Epoxy Networks. <i>Macromolecular Materials and Engineering</i> , 2021, 306, 2000567.	3.6	5
10	Electronic Tuning of Monolayer Graphene with Polymeric "Zwitterions". <i>ACS Nano</i> , 2021, 15, 2762-2770.	14.6	17
11	Solvent-Induced Assembly of Microbial Protein Nanowires into Superstructured Bundles. <i>Biomacromolecules</i> , 2021, 22, 1305-1311.	5.4	6
12	Coupled oscillation and spinning of photothermal particles in Marangoni optical traps. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	17
13	Polymer Zwitterions with Phosphonium Cations. <i>Journal of the American Chemical Society</i> , 2021, 143, 6528-6532.	13.7	26
14	Chemically Triggered Coalescence and Reactivity of Droplet Fibers. <i>Journal of the American Chemical Society</i> , 2021, 143, 5558-5564.	13.7	8
15	Functional Polymer Zwitterions as Reactive Surfactants for Nanoparticle Capture. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 21898-21904.	8.0	4
16	Fluorinated Polymer Zwitterions: Choline Phosphates and Phosphorylcholines. <i>ACS Macro Letters</i> , 2021, 10, 1204-1209.	4.8	9
17	Polarization-Driven Asymmetric Electronic Response of Monolayer Graphene to Polymer Zwitterions Probed from Both Sides. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 47945-47953.	8.0	3
18	Polymer-mediated gene therapy: Recent advances and merging of delivery techniques. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2020, 12, e1598.	6.1	40

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19	Self-Propelled Supracolloidal Fibers from Multifunctional Polymer Surfactants and Droplets. <i>Macromolecular Rapid Communications</i> , 2020, 41, e2000334.	3.9	6
20	Effect of Polymer Chemistry on the Linear Viscoelasticity of Complex Coacervates. <i>Macromolecules</i> , 2020, 53, 7851-7864.	4.8	47
21	Understanding Hole Extraction of Inverted Perovskite Solar Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 56068-56075.	8.0	16
22	Bioelectronic protein nanowire sensors for ammonia detection. <i>Nano Research</i> , 2020, 13, 1479-1484.	10.4	41
23	Polymer Zwitterions for Stabilization of CsPbBr <sub>3</sub> Perovskite Nanoparticles and Nanocomposite Films. <i>Angewandte Chemie</i> , 2020, 132, 10894-10898.	2.0	14
24	Polymer Zwitterions for Stabilization of CsPbBr <sub>3</sub> Perovskite Nanoparticles and Nanocomposite Films. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 10802-10806.	13.8	49
25	Programmed Wrapping and Assembly of Droplets with Mesoscale Polymers. <i>Advanced Functional Materials</i> , 2020, 30, 2002704.	14.9	7
26	Polymer design to promote low work function surfaces in organic electronics. <i>Progress in Polymer Science</i> , 2020, 103, 101222.	24.7	48
27	Ligand-Mediated Targeting of Cytokine Interleukin-27 Enhances Its Bioactivity In Vivo. <i>Molecular Therapy - Methods and Clinical Development</i> , 2020, 17, 739-751.	4.1	13
28	Antifouling Ultrafiltration Membranes with Retained Pore Size by Controlled Deposition of Zwitterionic Polymers and Poly(ethylene glycol). <i>Langmuir</i> , 2019, 35, 1872-1881.	3.5	24
29	Tailoring Biomimetic Phosphorylcholine-Containing Block Copolymers as Membrane-Targeting Cellular Rescue Agents. <i>Biomacromolecules</i> , 2019, 20, 3385-3391.	5.4	11
30	Designing Branched Deoxybenzoin Polyesters as Polymeric Flame Retardants. <i>Journal of Polymer Science Part A</i> , 2019, 57, 1765-1770.	2.3	7
31	Smart Droplets: Simultaneous Clean and Repair of Surfaces Using Smart Droplets ( <i>Adv. Funct. Mater.</i> ) Tj,ETQq1 1 0.78431	14.9	1
32	Functional polymers for growth and stabilization of CsPbBr <sub>3</sub> perovskite nanoparticles. <i>Chemical Communications</i> , 2019, 55, 1833-1836.	4.1	32
33	Light-Driven Shape Morphing, Assembly, and Motion of Nanocomposite Gel Surfers. <i>Advanced Materials</i> , 2019, 31, e1900932.	21.0	57
34	Transforming Ionene Polymers into Efficient Cathode Interlayers with Pendent Fullerenes. <i>Angewandte Chemie</i> , 2019, 131, 5733-5737.	2.0	4
35	Transforming Ionene Polymers into Efficient Cathode Interlayers with Pendent Fullerenes. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 5677-5681.	13.8	30
36	High-Performance Perovskite Solar Cells with a Non-doped Small Molecule Hole Transporting Layer. <i>ACS Applied Energy Materials</i> , 2019, 2, 1634-1641.	5.1	25

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37	Bidirectional Electronic Tuning of Single-Layer MoS <sub>2</sub> with Conjugated Organochalcogens. <i>Journal of Physical Chemistry C</i> , 2019, 123, 1506-1511.	3.1	6
38	Ring-Opening Polymerization of Allyl-Functionalized Lactams. <i>Macromolecules</i> , 2019, 52, 167-175.	4.8	11
39	Simultaneous "Clean" and "Repair" of Surfaces Using Smart Droplets. <i>Advanced Functional Materials</i> , 2019, 29, 1805219.	14.9	3
40	Fluoride-Catalyzed Deblocking: A Route to Polymeric Urethanes. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 4599-4602.	13.8	0
41	Fluoride-Catalyzed Deblocking: A Route to Polymeric Urethanes. <i>Angewandte Chemie</i> , 2018, 130, 4689-4692.	2.0	0
42	Chemical and Morphological Control of Interfacial Self-Doping for Efficient Organic Electronics. <i>Advanced Materials</i> , 2018, 30, e1705976.	21.0	55
43	Mesoscale Block Copolymers. <i>Advanced Materials</i> , 2018, 30, e1706118.	21.0	11
44	Lithographically Patterned Functional Polymer-Graphene Hybrids for Nanoscale Electronics. <i>ACS Nano</i> , 2018, 12, 1928-1933.	14.6	10
45	Chemical Stabilization of Perovskite Solar Cells with Functional Fulleropyrrolidines. <i>ACS Central Science</i> , 2018, 4, 216-222.	11.3	12
46	Zwitterionic PEG-PC Hydrogels Modulate the Foreign Body Response in a Modulus-Dependent Manner. <i>Biomacromolecules</i> , 2018, 19, 2880-2888.	5.4	74
47	Reconfigurable Printed Liquids. <i>Advanced Materials</i> , 2018, 30, e1707603.	21.0	132
48	Augmenting Glioblastoma Chemotherapy with Polymers. <i>ACS Chemical Neuroscience</i> , 2018, 9, 8-10.	3.5	10
49	Conductive Composite Materials Fabricated from Microbially Produced Protein Nanowires. <i>Small</i> , 2018, 14, e1802624.	10.0	37
50	Polymer-Temozolomide Conjugates as Therapeutics for Treating Glioblastoma. <i>Molecular Pharmaceutics</i> , 2018, 15, 5263-5276.	4.6	35
51	Efficient Electron Mobility in an All-Acceptor Naphthalenediimide-Bithiazole Polymer Semiconductor with Large Backbone Torsion. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 40070-40077.	8.0	16
52	Building Supracolloidal Fibers from Zwitterion-Stabilized Adhesive Emulsions. <i>Advanced Functional Materials</i> , 2018, 28, 1804325.	14.9	15
53	Bithiazolidinylidene polymers: synthesis and electronic interactions with transition metal dichalcogenides. <i>Chemical Science</i> , 2018, 9, 5047-5051.	7.4	7
54	Synthesis of Zwitterionic Pluronic Analogs. <i>Biomacromolecules</i> , 2018, 19, 3377-3389.	5.4	7

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55	Amino-fulleropyrrolidines as electrochromic additives to enhance organic photovoltaics. <i>Sustainable Energy and Fuels</i> , 2018, 2, 2143-2147.	4.9	9
56	Combining Fullerenes and Zwitterions in Nonconjugated Polymer Interlayers to Raise Solar Cell Efficiency. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 9675-9678.	13.8	47
57	Fouling-Resistant Hydrogels Prepared by the Swelling-Assisted Infusion and Polymerization of Dopamine. <i>ACS Applied Bio Materials</i> , 2018, 1, 33-41.	4.6	17
58	Combining Fullerenes and Zwitterions in Nonconjugated Polymer Interlayers to Raise Solar Cell Efficiency. <i>Angewandte Chemie</i> , 2018, 130, 9823-9826.	2.0	6
59	Assembly of P3HT/CdSe nanowire networks in an insulating polymer host. <i>Soft Matter</i> , 2018, 14, 5327-5332.	2.7	4
60	Robust Gold Nanoparticle Sheets by Ligand Cross-Linking at the Air-Water Interface. <i>ACS Nano</i> , 2017, 11, 1292-1300.	14.6	28
61	Versatile Synthesis of Polymer-Temozolomide Conjugates. <i>ACS Macro Letters</i> , 2017, 6, 215-218.	4.8	14
62	Mitochondrial mechanisms of neuronal rescue by F-68, a hydrophilic Pluronic block co-polymer, following acute substrate deprivation. <i>Neurochemistry International</i> , 2017, 109, 126-140.	3.8	14
63	Soluble, Allyl-Functionalized Deoxybenzoin Polymers. <i>Macromolecules</i> , 2017, 50, 3772-3778.	4.8	27
64	N-Doped Zwitterionic Fullerenes as Interlayers in Organic and Perovskite Photovoltaic Devices. <i>ACS Energy Letters</i> , 2017, 2, 957-963.	17.4	29
65	Perylene Diimide-Based Ionene and Zwitterionic Polymers: Synthesis and Solution Photophysical Properties. <i>Macromolecules</i> , 2017, 50, 7535-7542.	4.8	24
66	Transition in Dynamics as Nanoparticles Jam at the Liquid/Liquid Interface. <i>Nano Letters</i> , 2017, 17, 6855-6862.	9.1	30
67	Forming Sticky Droplets from Slippery Polymer Zwitterions. <i>Advanced Materials</i> , 2017, 29, 1702921.	21.0	23
68	Electron injection and interfacial trap passivation in solution-processed organic light-emitting diodes using a polymer zwitterion interlayer. <i>Organic Electronics</i> , 2017, 50, 384-388.	2.6	10
69	Role of Ionic Functional Groups on Ion Transport at Perovskite Interfaces. <i>Advanced Energy Materials</i> , 2017, 7, 1701235.	19.5	37
70	Adsorbed Polyzwitterion Copolymer Layers Designed for Protein Repellency and Interfacial Retention. <i>Langmuir</i> , 2017, 33, 13708-13717.	3.5	19
71	Fouling-resistant ultrafiltration membranes prepared via co-deposition of dopamine/zwitterion composite coatings. <i>Journal of Membrane Science</i> , 2017, 541, 300-311.	8.2	58
72	Antifouling Stripes Prepared from Clickable Zwitterionic Copolymers. <i>Langmuir</i> , 2017, 33, 7028-7035.	3.5	27

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73	Reactive polymer zwitterions: Sulfonium sulfonates. <i>Journal of Polymer Science Part A</i> , 2017, 55, 83-92.	2.3	21
74	Underwater Superoleophobic Surfaces Prepared from Polymer Zwitterion/Dopamine Composite Coatings. <i>Advanced Materials Interfaces</i> , 2016, 3, 1500521.	3.7	100
75	Understanding Interface Engineering for High-Performance Fullerene/Perovskite Planar Heterojunction Solar Cells. <i>Advanced Energy Materials</i> , 2016, 6, 1501606.	19.5	180
76	The Structural Origin of Electron Injection Enhancements with Fulleropyrrolidine Interlayers. <i>Advanced Materials Interfaces</i> , 2016, 3, 1500852.	3.7	10
77	Synthesis of water-soluble zwitterionic polysiloxanes. <i>Journal of Polymer Science Part A</i> , 2016, 54, 127-134.	2.3	5
78	Evaluation of PolyMPC-Dox Prodrugs in a Human Ovarian Tumor Model. <i>Molecular Pharmaceutics</i> , 2016, 13, 1679-1687.	4.6	12
79	Tetrathiafulvalene-containing polymers for simultaneous non-covalent modification and electronic modulation of MoS <sub>2</sub> nanomaterials. <i>Chemical Science</i> , 2016, 7, 4698-4705.	7.4	34
80	Antifouling Electrospun Nanofiber Mats Functionalized with Polymer Zwitterions. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 27585-27593.	8.0	74
81	A Polymer Hole Extraction Layer for Inverted Perovskite Solar Cells from Aqueous Solutions. <i>Advanced Energy Materials</i> , 2016, 6, 1600664.	19.5	56
82	Conjugated Polymer Zwitterions: Efficient Interlayer Materials in Organic Electronics. <i>Accounts of Chemical Research</i> , 2016, 49, 2478-2488.	15.6	109
83	Functional droplets that recognize, collect, and transport debris on surfaces. <i>Science Advances</i> , 2016, 2, e1601462.	10.3	11
84	Mechanical Restoration of Damaged Polymer Films by "Repair-and-Go". <i>Advanced Functional Materials</i> , 2016, 26, 857-863.	14.9	15
85	Hydrophilic Conjugated Polymers Prepared by Aqueous Horner-Wadsworth-Emmons Coupling. <i>Macromolecules</i> , 2016, 49, 2526-2532.	4.8	24
86	High Efficiency Tandem Thin-Perovskite/Polymer Solar Cells with a Graded Recombination Layer. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 7070-7076.	8.0	111
87	Functional Choline Phosphate Polymers. <i>Journal of the American Chemical Society</i> , 2016, 138, 1828-1831.	13.7	73
88	Pentafluorophenyl Ester-Functionalized Nanoparticles as a Versatile Platform for Selective and Covalent Inter-nanoparticle Coupling. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 2393-2398.	8.0	13
89	Dispersing Zwitterions into Comb Polymers for Nonviral Transfection: Experiments and Molecular Simulation. <i>Biomacromolecules</i> , 2016, 17, 546-557.	5.4	16
90	Finely Tuned Polymer Interlayers Enhance Solar Cell Efficiency. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 11485-11489.	13.8	107

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91	Dual Functional Zwitterionic Fullerene Interlayer for Efficient Inverted Polymer Solar Cells. <i>Advanced Energy Materials</i> , 2015, 5, 1500405.	19.5	39
92	Sonodelivery Facilitates Sustained Luciferase Expression from an Episomal Vector in Skeletal Muscle. <i>Materials</i> , 2015, 8, 4608-4617.	2.9	6
93	Organic Photovoltaics: Dual Functional Zwitterionic Fullerene Interlayer for Efficient Inverted Polymer Solar Cells (Adv. Energy Mater. 14/2015). <i>Advanced Energy Materials</i> , 2015, 5, n/a-n/a.	19.5	0
94	Selective Nucleation of Poly(3-hexyl thiophene) Nanofibers on Multilayer Graphene Substrates. <i>ACS Macro Letters</i> , 2015, 4, 483-487.	4.8	34
95	Photopatternable Biodegradable Aliphatic Polyester with Pendent Benzophenone Groups. <i>Biomacromolecules</i> , 2015, 16, 3329-3335.	5.4	16
96	Functional Sulfobetaine Polymers: Synthesis and Salt-Responsive Stabilization of Oil-in-Water Droplets. <i>Macromolecules</i> , 2015, 48, 7843-7850.	4.8	29
97	Water Processable Polythiophene Nanowires by Photo-Cross-Linking and Click-Functionalization. <i>Nano Letters</i> , 2015, 15, 5689-5695.	9.1	31
98	Directly Measuring the Complete Stress-Strain Response of Ultrathin Polymer Films. <i>Macromolecules</i> , 2015, 48, 6534-6540.	4.8	101
99	Poly(sulfobetaine methacrylate)s as Electrode Modifiers for Inverted Organic Electronics. <i>Journal of the American Chemical Society</i> , 2015, 137, 540-549.	13.7	62
100	Tuning the energy gap of conjugated polymer zwitterions for efficient interlayers and solar cells. <i>Journal of Polymer Science Part A</i> , 2015, 53, 327-336.	2.3	20
101	A facile approach to hydrophilic, reverse zwitterionic, choline phosphate polymers. <i>Polymer Chemistry</i> , 2015, 6, 525-530.	3.9	41
102	Picking up Nanoparticles with Functional Droplets. <i>Advanced Materials Interfaces</i> , 2014, 1, 1400121.	3.7	8
103	Functional Polyolefins Containing Disulfide and Phosphoester Groups: Synthesis and Orthogonal Degradation. <i>Macromolecules</i> , 2014, 47, 1344-1350.	4.8	55
104	Solvent-Assisted Orientation of Poly(3-hexylthiophene)-Functionalized CdSe Nanorods Under an Electric Field. <i>Macromolecular Chemistry and Physics</i> , 2014, 215, 1647-1653.	2.2	11
105	Promoting cell adhesion on slippery phosphorylcholine hydrogel surfaces. <i>Journal of Materials Chemistry B</i> , 2014, 2, 620-624.	5.8	14
106	Stretching of assembled nanoparticle helical springs. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 10261.	2.8	13
107	Robust polythiophene nanowires cross-linked with functional fullerenes. <i>Journal of Materials Chemistry C</i> , 2014, 2, 9674-9682.	5.5	5
108	Rapid, facile synthesis of conjugated polymer zwitterions in ionic liquids. <i>Chemical Science</i> , 2014, 5, 2368-2373.	7.4	18

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109	Morphology-Dependent Electronic Properties in Cross-Linked (P3HT- <i>b</i> -P3MT) Block Copolymer Nanostructures. <i>ACS Nano</i> , 2014, 8, 8344-8349.	14.6	23
110	Multifunctional deoxybenzoin-based epoxies: Synthesis, mechanical properties, and thermal evaluation. <i>Polymer</i> , 2014, 55, 4441-4446.	3.8	23
111	Polymer- $\epsilon$ -Peptide Delivery Platforms: Effect of Oligopeptide Orientation on Polymer-Based DNA Delivery. <i>Biomacromolecules</i> , 2014, 15, 1328-1336.	5.4	22
112	Fulleropyrrolidine interlayers: Tailoring electrodes to raise organic solar cell efficiency. <i>Science</i> , 2014, 346, 441-444.	12.6	266
113	Characterization of Heterogeneous Polyacrylamide Hydrogels by Tracking of Single Quantum Dots. <i>Macromolecules</i> , 2014, 47, 741-749.	4.8	57
114	Photo-sensitive ligands on nanoparticles for achieving triggered emulsion inversion. <i>Journal of Colloid and Interface Science</i> , 2014, 425, 152-158.	9.4	8
115	Efficacy of PolyMPC- $\epsilon$ -DOX Prodrugs in 4T1 Tumor-Bearing Mice. <i>Molecular Pharmaceutics</i> , 2014, 11, 1715-1720.	4.6	38
116	Demonstration of Feasibility of X-Ray Free Electron Laser Studies of Dynamics of Nanoparticles in Entangled Polymer Melts. <i>Scientific Reports</i> , 2014, 4, 6017.	3.3	41
117	Macroscopic Nanoparticle Ribbons and Fabrics. <i>Advanced Materials</i> , 2013, 25, 1248-1253.	21.0	59
118	Examination of zwitterionic polymers and gels subjected to mechanical constraints. <i>Polymer</i> , 2013, 54, 2887-2894.	3.8	12
119	Stabilizing Liquid Drops in Nonequilibrium Shapes by the Interfacial Jamming of Nanoparticles. <i>Science</i> , 2013, 342, 460-463.	12.6	344
120	Conjugated Polymeric Zwitterions as Efficient Interlayers in Organic Solar Cells. <i>Advanced Materials</i> , 2013, 25, 6868-6873.	21.0	92
121	Conjugated Thiophene-Containing Polymer Zwitterions: Direct Synthesis and Thin Film Electronic Properties. <i>Macromolecules</i> , 2013, 46, 344-351.	4.8	49
122	Nanoscale assembly into extended and continuous structures and hybrid materials. <i>NPG Asia Materials</i> , 2013, 5, e43-e43.	7.9	21
123	Disulfide Cross-Linked Phosphorylcholine Micelles for Triggered Release of Camptothecin. <i>Molecular Pharmaceutics</i> , 2013, 10, 2684-2692.	4.6	74
124	Novel Zwitterionic Copolymers with Dihydrolipoic Acid: Synthesis and Preparation of Nonfouling Nanorods. <i>Macromolecules</i> , 2013, 46, 119-127.	4.8	78
125	Interleukin-27 Gene Delivery for Modifying Malignant Interactions Between Prostate Tumor and Bone. <i>Human Gene Therapy</i> , 2013, 24, 970-981.	2.7	22
126	Highly Stretchable Nanoparticle Helices Through Geometric Asymmetry and Surface Forces. <i>Advanced Materials</i> , 2013, 25, 6703-6708.	21.0	36



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127	Promoting Network Formation in Nanorod-filled Binary Blends. Materials Research Society Symposia Proceedings, 2012, 1411, 75.	0.1	0
128	Strategies in Aliphatic Polyester Synthesis for Biomaterial and Drug Delivery Applications. ACS Symposium Series, 2012, , 237-254.	0.5	3
129	Probing and repairing damaged surfaces with nanoparticle-containing microcapsules. Nature Nanotechnology, 2012, 7, 87-90.	31.5	56
130	Halogen-free ultra-high flame retardant polymers through enzyme catalysis. Green Chemistry, 2012, 14, 819.	9.0	35
131	Pentafluorophenyl Ester-Functionalized Phosphorylcholine Polymers: Preparation of Linear, Two-Arm, and Grafted Polymer-Protein Conjugates. Biomacromolecules, 2012, 13, 2099-2109.	5.4	32
132	Probing Inter- and Intrachain Exciton Coupling in Isolated Poly(3-hexylthiophene) Nanofibers: Effect of Solvation and Regioregularity. Journal of Physical Chemistry Letters, 2012, 3, 1674-1679.	4.6	55
133	PolyMPC-Doxorubicin Prodrugs. Bioconjugate Chemistry, 2012, 23, 1753-1763.	3.6	89
134	Functional aliphatic polyesters and nanoparticles prepared by organocatalysis and orthogonal grafting chemistry. Journal of Polymer Science Part A, 2012, 50, 3517-3529.	2.3	41
135	Nanocomposite "Superhighways" by Solution Assembly of Semiconductor Nanostructures with Ligand-Functionalized Conjugated Polymers. Advanced Materials, 2012, 24, 2254-2258.	21.0	59
136	Multicompartment and multigeometry nanoparticle assembly. Soft Matter, 2011, 7, 2500.	2.7	72
137	Kinetically Trapped Co-continuous Polymer Morphologies through Intraphase Gelation of Nanoparticles. Nano Letters, 2011, 11, 1997-2003.	9.1	107
138	Assembly of Poly(3-hexylthiophene)/CdSe Hybrid Nanowires by Cocrystallization. Macromolecules, 2011, 44, 1768-1770.	4.8	40
139	Bisphenol-1,2,3-triazole (BPT) Epoxies and Cyanate Esters: Synthesis and Self-Catalyzed Curing. Macromolecules, 2011, 44, 5693-5700.	4.8	70
140	Understanding the Effect of Polylysine Architecture on DNA Binding Using Molecular Dynamics Simulations. Biomacromolecules, 2011, 12, 3870-3879.	5.4	78
141	Reconfiguring polylysine architectures for controlling polyplex binding and non-viral transfection. Biomaterials, 2011, 32, 2432-2444.	11.4	50
142	Phosphorylcholine-Substituted ROMP Polyolefin Coatings Provide Fouling Resistance to Membrane Materials. Macromolecular Materials and Engineering, 2011, 296, 1142-1148.	3.6	14
143	Ferritin-Polymer Conjugates: Grafting Chemistry and Integration into Nanoscale Assemblies. Advanced Functional Materials, 2010, 20, 3603-3612.	14.9	36
144	Nanoparticle Stripes, Grids, and Ribbons Produced by Flow Coating. Advanced Materials, 2010, 22, 4600-4604.	21.0	105

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145	Adsorption Energy of Nano- and Microparticles at Liquid-Liquid Interfaces. <i>Langmuir</i> , 2010, 26, 12518-12522.	3.5	244
146	Polymer-Protein Conjugation in Ionic Liquids. <i>Macromolecules</i> , 2010, 43, 6261-6263.	4.8	11
147	Synthesis of C60-end capped P3HT and its application for high performance of P3HT/PCBM bulk heterojunction solar cells. <i>Journal of Materials Chemistry</i> , 2010, 20, 3287.	6.7	116
148	Halogen-free, low flammability polyurethanes derived from deoxybenzoin-based monomers. <i>Journal of Materials Chemistry</i> , 2010, 20, 3681.	6.7	27
149	Flame resistant electrospun polymer nanofibers from deoxybenzoin-based polymers. <i>Journal of Applied Polymer Science</i> , 2009, 111, 301-307.	2.6	30
150	Deoxybenzoin-based epoxy resins. <i>Polymer</i> , 2009, 50, 767-774.	3.8	42
151	Sequential and localized grafting on aliphatic polyester diblock copolymers using alkyne deprotection and click cycloaddition. <i>Journal of Polymer Science Part A</i> , 2009, 47, 7054-7065.	2.3	18
152	Polymeric Phosphorylcholine-Camptothecin Conjugates Prepared by Controlled Free Radical Polymerization and Click Chemistry. <i>Bioconjugate Chemistry</i> , 2009, 20, 2331-2341.	3.6	66
153	PC-Polyolefins: Synthesis and Assembly Behavior in Water. <i>Macromolecules</i> , 2009, 42, 3227-3229.	4.8	41
154	Synthesis and photophysical property of well-defined donor-acceptor diblock copolymer based on regioregular poly(3-hexylthiophene) and fullerene. <i>Journal of Materials Chemistry</i> , 2009, 19, 1483.	6.7	125
155	Connecting quantum dots and bionanoparticles in hybrid nanoscale ultra-thin films. <i>Soft Matter</i> , 2009, 5, 1048.	2.7	27
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