John R Reynolds

List of Publications by Year
in descending order

286 papers	28,403 citations	5782 84 h-index	6686 161 g-index
291 all docs	291 docs citations	291 times ranked	25253 citing authors

#	Article	IF	Citations
1	Conquering residual light absorption in the transmissive states of organic electrochromic materials. Materials Horizons, 2022, 9, 252-260.	6.4	21
2	Social isolation and achievement of students with learning disabilities. Social Science Research, 2022, 104, 102667.	1.1	9
3	Highâ€Performance nâ€Type Organic Electrochemical Transistors Enabled by Aqueous Solution Processing of Amphiphilicityâ€Driven Polymer Assembly. Advanced Functional Materials, 2022, 32, 2111950.	7.8	46
4	Revealing temperature-dependent polymer aggregation in solution with small-angle X-ray scattering. Journal of Materials Chemistry A, 2022, 10, 2096-2104.	5.2	8
5	Enhancement of Photostability through Side Chain Tuning in Dioxythiophene-Based Conjugated Polymers. Chemistry of Materials, 2022, 34, 1041-1051.	3.2	6
6	Significant Enhancement of the Electrical Conductivity of Conjugated Polymers by Post-Processing Side Chain Removal. Journal of the American Chemical Society, 2022, 144, 1351-1360.	6.6	42
7	Limitations of Dielsâ€“Alder Dynamic Covalent Networks as Thermal Conductivity Switches. ACS Applied Polymer Materials, 2022, 4, 1218-1224.	2.0	9
8	Long-Term Correlates of Racially Diverse Schooling: Education, Wealth, and Social Engagement in Later Life. Social Currents, 2022, 9, 427-458.	0.7	2
9	Minimizing Oxygen Permeability in Chitin/Cellulose Nanomaterial Coatings by Tuning Chitin Deacetylation. ACS Sustainable Chemistry and Engineering, 2022, 10, 124-133.	3.2	13
10	Probing Comonomer Selection Effects on Dioxythiophene-Based Aqueous-Compatible Polymers for Redox Applications. Chemistry of Materials, 2022, 34, 4633-4645.	3.2	20
11	Iron(III) Dopant Counterions Affect the Charge-Transport Properties of Poly(Thiophene) and Poly(Dialkoxythiophene) Derivatives. ACS Applied Materials & Interfaces, 2022, 14, 29039-29051.	4.0	5
12	Probing Crystallization Effects when Processing Bulk-Heterojunction Active Layers: Comparing Fullerene and Nonfullerene Acceptors. Chemistry of Materials, 2021, 33, 657-667.	3.2	8
13	Ester-functionalized, wide-bandgap derivatives of PM7 for simultaneous enhancement of photovoltaic performance and mechanical robustness of all-polymer solar cells. Journal of Materials Chemistry A, 2021, 9, 2775-2783.	5.2	23
14	Photostability of Ambient-Processed, Conjugated Polymer Electrochromic Devices Encapsulated by Bioderived Barrier Films. ACS Sustainable Chemistry and Engineering, 2021, 9, 2937-2945.	3.2	11
15	Guiding synthetic targets of anodically coloring electrochromes through density functional theory. Journal of Chemical Physics, 2021, 154, 054110.	1.2	5
16	Exploring Isomeric Effects on Optical and Electrochemical Properties of Red/Orange Electrochromic Polymers. Macromolecules, 2021, 54, 1677-1692.	2.2	15
17	Cost-Effective, Flexible, and Colorful Dynamic Displays: Removing Underlying Conducting Layers from Polymer-Based Electrochromic Devices. ACS Applied Materials & Interfaces, 2021, 13, 16732-16743.	4.0	29
18	Thermoelectric and Charge Transport Properties of Solution-Processable and Chemically Doped Dioxythienothiophene Copolymers. ACS Applied Polymer Materials, 2021, 3, 2316-2324.	2.0	12

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19	Assessing the Extreme Loneliness of Immigrant Farmworkers. Sociological Inquiry, 2021, 91, 696.	1.4	0
20	It Is Good to Be Flexible: Energy Transport Facilitated by Conformational Fluctuations in Light-Harvesting Polymers. Journal of Physical Chemistry B, 2021, 125, 5885-5896.	1.2	0
21	Branched Oligo(ether) Side Chains: A Path to Enhanced Processability and Elevated Conductivity for Polymeric Semiconductors. Advanced Functional Materials, 2021, 31, 2102688.	7.8	29
22	From Monomer to Conjugated Polymer: A Perspective on Best Practices for Synthesis. Chemistry of Materials, 2021, 33, 4842-4852.	3.2	19
23	Influence of Surface and Structural Variations in Donorâ€“Acceptorâ€“Donor Sensitizers on Photoelectrocatalytic Water Splitting. ACS Applied Materials & Interfaces, 2021, 13, 47499-47510.	4.0	3
24	Low-Defect, High Molecular Weight Indacenodithiophene (IDT) Polymers Via a Câ€“H Activation: Evaluation of a Simpler and Greener Approach to Organic Electronic Materials. , 2021, 3, 1503-1512.		19
25	Charge-Transfer Intermediates in the Electrochemical Doping Mechanism of Conjugated Polymers. Journal of the American Chemical Society, 2021, 143, 294-308.	6.6	28
26	Public school accountability, workplace culture, and teacher morale. Social Science Research, 2020, 85, 102347.	1.1	11
27	Chemically Functionalized Reduced Graphene Oxide as Additives in Polyethylene Composites for Space Applications. Polymer Engineering and Science, 2020, 60, 86-94.	1.5	8
28	Structural effects on the charge transport properties of chemically and electrochemically doped dioxythiophene polymers. Journal of Materials Chemistry C, 2020, 8, 683-693.	2.7	22
29	Readily Dispersible Chemically Functionalized Reduced Graphene Oxide Nanosheets for Solution-Processable Electrodes and Conductive Coatings. ACS Applied Nano Materials, 2020, 3, 11455-11464.	2.4	8
30	Investigating the active layer thickness dependence of non-fullerene organic solar cells based on PM7 derivatives. Journal of Materials Chemistry C, 2020, 8, 15459-15469.	2.7	16
31	Organic Chromophores Designed for Hole Injection into Wide-Band-Gap Metal Oxides for Solar Fuel Applications. Chemistry of Materials, 2020, 32, 8158-8168.	3.2	12
32	Integrating Solution-Processable Conducting Polymers in Carbon Fiber Paper: Scalable 3D Electrodes for Redox-Based Supercapacitors. ACS Applied Polymer Materials, 2020, 2, 3234-3242.	2.0	8
33	Ethylene Glycol-Based Side Chain Length Engineering in Polythiophenes and its Impact on Organic Electrochemical Transistor Performance. Chemistry of Materials, 2020, 32, 6618-6628.	3.2	92
34	Side chain independent photovoltaic performance of thienopyrroledione conjugated donorâ€“acceptor polymers. Journal of Materials Chemistry C, 2020, 8, 16452-16462.	2.7	2
35	Curious Case of BiEDOT: MALDI-TOF Mass Spectrometry Reveals Unbalanced Monomer Incorporation with Direct (Hetero)arylation Polymerization. Macromolecules, 2020, 53, 7253-7262.	2.2	15
36	Cosolvent Effects When Blade-Coating a Low-Solubility Conjugated Polymer for Bulk Heterojunction Organic Photovoltaics. ACS Applied Materials & Interfaces, 2020, 12, 27416-27424.	4.0	7

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37	Inducing planarity in redox-active conjugated polymers with solubilizing 3,6-dialkoxy-thieno[3,2-b]thiophenes (DOTTs) for redox and solid-state conductivity applications. Journal of Materials Chemistry C, 2020, 8, 7463-7475.	2.7	17
38	Effects of linear and branched side chains on the redox and optoelectronic properties of 3,4-dialkoxythiophene polymers. Polymer Chemistry, 2020, 11, 2173-2181.	1.9	24
39	Critical Role of Polymer Aggregation and Miscibility in Nonfullereneâ€Based Organic Photovoltaics. Advanced Energy Materials, 2020, 10, 1902430.	10.2	41
40	Electrochromic selective filtering of chronodisruptive visible wavelengths. PLoS ONE, 2020, 15, e0241900.	1.1	1
41	Exploring the Utility of Buchwald Ligands for Câ€“H Oxidative Direct Arylation Polymerizations. ACS Macro Letters, 2019, 8, 931-936.	2.3	18
42	Paperâ€Based Electrochromic Devices Enabled by Nanocelluloseâ€Coated Substrates. Advanced Functional Materials, 2019, 29, 1903487.	7.8	81
43	Fully Printed Organic Electrochemical Transistors from Green Solvents. Advanced Functional Materials, 2019, 29, 1905266.	7.8	42
44	Fine-Tuning the Color Hue of Ï€-Conjugated Black-to-Clear Electrochromic Random Copolymers. Macromolecules, 2019, 52, 6773-6779.	2.2	47
45	Tuning Conjugated Polymers for Binder Applications in High-Capacity Magnetite Anodes. ACS Applied Energy Materials, 2019, 2, 7584-7593.	2.5	18
46	All Donor Electrochromic Polymers Tunable across the Visible Spectrum via Random Copolymerization. Chemistry of Materials, 2019, 31, 6841-6849.	3.2	40
47	Conductive, Solutionâ€Processed Dioxythiophene Copolymers for Thermoelectric and Transparent Electrode Applications. Advanced Energy Materials, 2019, 9, 1900395.	10.2	43
48	Thermoelectric Performance of nâ€Type Poly(Niâ€tetrathiooxalate) as a Counterpart to Poly(Niâ€ethenetetrathiolate): NiTTO versus NiETT. Advanced Electronic Materials, 2019, 5, 1900066.	2.6	14
49	Disentangling Redox Properties and Capacitance in Solution-Processed Conjugated Polymers. Chemistry of Materials, 2019, 31, 2971-2982.	3.2	50
50	New Design Paradigm for Color Control in Anodically Coloring Electrochromic Molecules. Journal of the American Chemical Society, 2019, 141, 3859-3862.	6.6	62
51	Heterogeneous forward and backward scattering modulation by polymer-infused plasmonic nanohole arrays. Journal of Materials Chemistry C, 2019, 7, 3090-3099.	2.7	8
52	Photovoltaic donor-acceptor conjugated polymers with minimally substituted acceptor moieties. Organic Electronics, 2019, 68, 280-284.	1.4	12
53	Acceptor Gradient Polymer Donors for Non-Fullerene Organic Solar Cells. Chemistry of Materials, 2019, 31, 9729-9741.	3.2	15
54	Simple Interface Modification of Electroactive Polymer Film Electrodes. ACS Applied Materials & Interfaces, 2019, 11, 47131-47142.	4.0	14

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55	Electrochromism in Conjugated Polymers â€“ Strategies for Complete and Straightforward Color Control. , 2019, , 201-248.		3
56	Every Atom Counts: Elucidating the Fundamental Impact of Structural Change in Conjugated Polymers for Organic Photovoltaics. Chemistry of Materials, 2018, 30, 2995-3009.	3.2	39
57	Transparent Wood Smart Windows: Polymer Electrochromic Devices Based on Poly(3,4â€Ethylenedioxythiophene):Poly(Styrene Sulfonate) Electrodes. ChemSusChem, 2018, 11, 854-863.	3.6	115
58	Soluble phenylenedioxythiophene copolymers via direct (hetero)arylation polymerization: a revived monomer for organic electronics. Journal of Materials Chemistry C, 2018, 6, 1064-1070.	2.7	22
59	Chemical Oxidation of Polymer Electrodes for Redox Active Devices: Stabilization through Interfacial Interactions. ACS Applied Materials & Interfaces, 2018, 10, 970-978.	4.0	23
60	Natural Mentors, Social Class, and College Success. American Journal of Community Psychology, 2018, 61, 179-190.	1.2	16
61	Photocathode Chromophoreâ€“Catalyst Assembly via Layer-By-Layer Deposition of a Low Band-Gap Isoindigo Conjugated Polyelectrolyte. ACS Applied Energy Materials, 2018, 1, 62-67.	2.5	12
62	Langmuirâ€“Blodgett Thin Films of Diketopyrrolopyrrole-Based Amphiphiles. ACS Applied Materials & Interfaces, 2018, 10, 11995-12004.	4.0	17
63	Exploring unbalanced electrode configurations for electrochromic devices. Journal of Materials Chemistry C, 2018, 6, 393-400.	2.7	22
64	Multifunctional triphenylamine polymers synthesized via direct (hetero) arylation polymerization. Journal of Polymer Science Part A, 2018, 56, 147-153.	2.5	13
65	Impact of Nonfullerene Molecular Architecture on Charge Generation, Transport, and Morphology in PTB7â€Thâ€Based Organic Solar Cells. Advanced Functional Materials, 2018, 28, 1802702.	7.8	44
66	A Fruitful Usage of a Dialkylthiophene Comonomer for Redox Stable Wide-Gap Cathodically Coloring Electrochromic Polymers. Macromolecules, 2018, 51, 9250-9258.	2.2	28
67	Randomly Distributed Conjugated Polymer Repeat Units for High-Efficiency Photovoltaic Materials with Enhanced Solubility and Processability. ACS Applied Materials & Interfaces, 2018, 10, 44583-44588.	4.0	18
68	Aqueous Electrolyte Compatible Electrochromic Polymers Processed from an Environmentally Sustainable Solvent. ACS Macro Letters, 2018, 7, 1208-1214.	2.3	32
69	Donor Conjugated Polymers with Polar Side Chain Groups: The Role of Dielectric Constant and Energetic Disorder on Photovoltaic Performance. Advanced Functional Materials, 2018, 28, 1803418.	7.8	42
70	Balancing Charge Storage and Mobility in an Oligo(Ether) Functionalized Dioxythiophene Copolymer for Organicâ€•and Aqueousâ€•Based Electrochemical Devices and Transistors. Advanced Materials, 2018, 30, e1804647.	11.1	119
71	Effect of Heteroatom and Doping on the Thermoelectric Properties of Poly(3â€alkylchalcogenophenes). Advanced Energy Materials, 2018, 8, 1802419.	10.2	99
72	All Polymer Solution Processed Electrochromic Devices: A Future without Indium Tin Oxide?. ACS Applied Materials & Interfaces, 2018, 10, 31568-31579.	4.0	54

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73	Semi-transparent low-donor content organic solar cells employing cyclopentadithiophene-based conjugated molecules. Journal of Materials Chemistry C, 2018, 6, 10532-10537.	2.7	14
74	A new standard method to calculate electrochromic switching time. Solar Energy Materials and Solar Cells, 2018, 185, 54-60.	3.0	62
75	Systematic Power Factor Enhancement in nâ€Type NiETT/PVDF Composite Films. Advanced Functional Materials, 2018, 28, 1801620.	7.8	34
76	Conjugated Polymer Blends for High Contrast Blackâ€toâ€Transmissive Electrochromism. Advanced Optical Materials, 2018, 6, 1800594.	3.6	73
77	Visible-Light-Driven Photocatalytic Water Oxidation by a Ï€-Conjugated Donorâ€“Acceptorâ€“Donor Chromophore/Catalyst Assembly. ACS Energy Letters, 2018, 3, 2114-2119.	8.8	30
78	Spray-Coated Multilayer Cellulose Nanocrystalâ€”Chitin Nanofiber Films for Barrier Applications. ACS Sustainable Chemistry and Engineering, 2018, 6, 10637-10644.	3.2	102
79	Simultaneous Enhancement in Electrical Conductivity and Thermopower of nâ€Type NiETT/PVDF Composite Films by Annealing. Advanced Functional Materials, 2018, 28, 1803275.	7.8	39
80	Electrochromic Polymers Processed from Environmentally Benign Solvents. Chemistry of Materials, 2018, 30, 5161-5168.	3.2	32
81	Electrochromism of alkylene-linked discrete chromophore polymers with broad radical cation light absorption. Polymer Chemistry, 2018, 9, 3055-3066.	1.9	15
82	Increased Exciton Delocalization of Polymer upon Blending with Fullerene. Advanced Materials, 2018, 30, 1801392.	11.1	20
83	Effect of Polymerâ€“Fullerene Interaction on the Dielectric Properties of the Blend. Advanced Energy Materials, 2017, 7, 1601947.	10.2	51
84	Direct Imide Formation from Thiophene Dicarboxylic Acids Gives Expanded Side-Chain Selection in Thienopyrrolediones. Organic Letters, 2017, 19, 996-999.	2.4	14
85	Discrete Donorâ€“Acceptor Conjugated Systems in Neutral and Oxidized States: Implications toward Molecular Design for High Contrast Electrochromics. Chemistry of Materials, 2017, 29, 1290-1301.	3.2	56
86	Conjugated Polyelectrolytes as Water Processable Precursors to Aqueous Compatible Redox Active Polymers for Diverse Applications: Electrochromism, Charge Storage, and Biocompatible Organic Electronics. Chemistry of Materials, 2017, 29, 4385-4392.	3.2	78
87	Interfacial Dynamics within an Organic Chromophore-Based Water Oxidation Molecular Assembly. ACS Applied Materials & Interfaces, 2017, 9, 16651-16659.	4.0	5
88	Morphology Control in Films of Isoindigo Polymers by Side-Chain and Molecular Weight Effects. ACS Applied Materials & Interfaces, 2017, 9, 13357-13368.	4.0	26
89	Cyclometalated Platinum-Containing Diketopyrrolopyrrole Complexes and Polymers: Photophysics and Photovoltaic Applications. Chemistry of Materials, 2017, 29, 8449-8461.	3.2	27
90	Simple transfer from spin coating to blade coating through processing aggregated solutions. Journal of Materials Chemistry A, 2017, 5, 20687-20695.	5.2	21

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91	Aqueous Processing for Printed Organic Electronics: Conjugated Polymers with Multistage Cleavable Side Chains. ACS Central Science, 2017, 3, 961-967.	5.3	43
92	Molecular weight tuning of low bandgap polymers by continuous flow chemistry: increasing the applicability of PffBT4T for organic photovoltaics. Journal of Materials Chemistry A, 2017, 5, 18166-18175.	5.2	23
93	Electrochromic tuning of transparent gold nanorods with poly[(3,4-propylenedioxy)pyrrole] shells in the near-infrared region. Journal of Materials Chemistry C, 2017, 5, 12571-12584.	2.7	15
94	Latina/o Students in Majority White Schools. Sociology of Race and Ethnicity (Thousand Oaks, Calif), 2017, 3, 113-125.	0.6	7
95	Flexible, aqueous-electrolyte supercapacitors based on water-processable dioxythiophene polymer/carbon nanotube textile electrodes. Journal of Materials Chemistry A, 2017, 5, 23887-23897.	5.2	40
96	Metalloâ€organic nâ€type thermoelectrics: Emphasizing advances in nickelâ€ethenetetrathiolates. Journal of Applied Polymer Science, 2017, 134, .	1.3	26
97	Full Color Control and Highâ€Resolution Patterning from Inkjet Printable Cyan/Magenta/Yellow Coloredâ€toâ€Colorless Electrochromic Polymer Inks. Advanced Materials Technologies, 2016, 1, 1600063.	3.0	35
98	Efficient Light-Driven Oxidation of Alcohols Using an Organic Chromophoreâ€“Catalyst Assembly Anchored to TiO₂. ACS Applied Materials & Interfaces, 2016, 8, 9125-9133.	4.0	34
99	Evidence of Molecular Structure Dependent Charge Transfer between Isoindigo-Based Polymers and Fullerene. Chemistry of Materials, 2016, 28, 2433-2440.	3.2	32
100	Electrically Controlled Plasmonic Behavior of Gold Nanocube@Polyaniline Nanostructures: Transparent Plasmonic Aggregates. Chemistry of Materials, 2016, 28, 2868-2881.	3.2	67
101	Heteroatom Role in Polymeric Dioxyselenophene/Dioxythiophene Systems for Color and Redox Control. ACS Macro Letters, 2016, 5, 714-717.	2.3	20
102	Twisted Thiophene-Based Chromophores with Enhanced Intramolecular Charge Transfer for Cooperative Amplification of Third-Order Optical Nonlinearity. Journal of the American Chemical Society, 2016, 138, 6975-6984.	6.6	102
103	Structureâ€“Property Relationships Directing Transport and Charge Separation in Isoindigo Polymers. Macromolecules, 2016, 49, 4008-4022.	2.2	38
104	Solution Processed PEDOT Analogues in Electrochemical Supercapacitors. ACS Applied Materials & Interfaces, 2016, 8, 13492-13498.	4.0	65
105	Design of Hybrid Electrochromic Materials with Large Electrical Modulation of Plasmonic Resonances. ACS Applied Materials & Interfaces, 2016, 8, 13064-13075.	4.0	37
106	Dual-Responsive Reversible Plasmonic Behavior of Coreâ€“Shell Nanostructures with pH-Sensitive and Electroactive Polymer Shells. Chemistry of Materials, 2016, 28, 7551-7563.	3.2	48
107	Structural and morphological effects of alkyl side chains on flanking thiophenes of diketopyrrolopyrrole polymers for organic photovoltaic devices. Polymer, 2016, 99, 741-747.	1.8	20
108	CONDUCTING POLYMERS: REDOX STATES IN CONJUGATED SYSTEMS. Materials and Energy, 2016, , 1-18.	2.5	3

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109	Role of Macromolecular Structure in the Ultrafast Energy and Electron Transfer Dynamics of a Light-Harvesting Polymer. Journal of Physical Chemistry B, 2016, 120, 7937-7948.	1.2	7
110	Relax: A Sterically Relaxed Donorâ€“Acceptor Approach for Color Tuning in Broadly Absorbing, High Contrast Electrochromic Polymers. Macromolecules, 2016, 49, 6350-6359.	2.2	64
111	Halochromism and protonation-induced assembly of a benzo[g]indolo[2,3-b]quinoxaline derivative. Chemical Communications, 2016, 52, 12877-12880.	2.2	34
112	Tuning Color, Contrast, and Redox Stability in High Gap Cathodically Coloring Electrochromic Polymers. Macromolecules, 2016, 49, 8498-8507.	2.2	58
113	Photodegradation of Metal Oxide Interlayers in Polymer Solar Cells. Advanced Materials Interfaces, 2016, 3, 1600741.	1.9	8
114	School Gender Culture and Student Subjective Well-Being. Sex Roles, 2016, 74, 62-77.	1.4	7
115	Ambipolar Charge Transport in Isoindigo-Based Donorâ€“Acceptor Polymers. Chemistry of Materials, 2016, 28, 1286-1297.	3.2	83
116	Enhanced Photovoltaic Performances of Dye-Sensitized Solar Cells by Co-Sensitization of Benzothiadiazole and Squaraine-Based Dyes. ACS Applied Materials & Interfaces, 2016, 8, 4616-4623.	4.0	61
117	Designing a Soluble PEDOT Analogue without Surfactants or Dispersants. Macromolecules, 2016, 49, 2106-2111.	2.2	74
118	Tandem Solar Cells from Accessible Low Band-Gap Polymers Using an Efficient Interconnecting Layer. ACS Applied Materials & Interfaces, 2016, 8, 16-19.	4.0	14
119	The interplay between structure, processing, and properties in organic photovoltaic devices: how to translate recent laboratory-scale developments to modules. MRS Communications, 2015, 5, 155-167.	0.8	7
120	Probing film solidification dynamics in polymer photovoltaics. Organic Electronics, 2015, 25, 57-65.	1.4	11
121	Ultrafast Dynamics in Multifunctional Ru(II)-Loaded Polymers for Solar Energy Conversion. Accounts of Chemical Research, 2015, 48, 818-827.	7.6	35
122	High Efficiency Air-Processed Dithienogermole-Based Polymer Solar Cells. ACS Applied Materials & Interfaces, 2015, 7, 4826-4832.	4.0	34
123	An Electrochromic Painterâ€™s Palette: Color Mixing via Solution Co-Processing. ACS Applied Materials & Interfaces, 2015, 7, 1406-1412.	4.0	80
124	Four Shades of Brown: Tuning of Electrochromic Polymer Blends Toward High-Contrast Eyewear. ACS Applied Materials & Interfaces, 2015, 7, 1413-1421.	4.0	197
125	Process controlled performance for soluble electrochromic polymers. Solar Energy Materials and Solar Cells, 2015, 140, 54-60.	3.0	58
126	Where Does Debt Fit in the Stress Process Model?. Society and Mental Health, 2015, 5, 16-32.	1.2	64

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127	Ru(bpy)₃²⁺ derivatized polystyrenes constructed by nitroxide-mediated radical polymerization. Relationship between polymer chain length, structure and photophysical properties. Polymer Chemistry, 2015, 6, 8184-8193.	1.9	23
128	Out of sight but not out of mind: the role of counter electrodes in polymer-based solid-state electrochromic devices. Journal of Materials Chemistry C, 2015, 3, 9715-9725.	2.7	72
129	End Capping Does Matter: Enhanced Order and Charge Transport in Conjugated Donorâ€“Acceptor Polymers. Macromolecules, 2015, 48, 6369-6377.	2.2	48
130	Heteroannulated acceptors based on benzothiadiazole. Materials Horizons, 2015, 2, 22-36.	6.4	123
131	Solution Processed Polymer Near-Infrared Photodiode With Electron and Hole Blockers. IEEE Transactions on Electron Devices, 2014, 61, 3852-3857.	1.6	11
132	Understanding the effects of electrochemical parameters on the areal capacitance of electroactive polymers. Journal of Materials Chemistry A, 2014, 2, 7509-7516.	5.2	17
133	A Vertically Integrated Solarâ€Powered Electrochromic Window for Energy Efficient Buildings. Advanced Materials, 2014, 26, 4895-4900.	11.1	134
134	Isoindigo, a Versatile Electron-Deficient Unit For High-Performance Organic Electronics. Chemistry of Materials, 2014, 26, 664-678.	3.2	319
135	Light Harvesting and Charge Separation in a Ï€-Conjugated Antenna Polymer Bound to TiO₂. Journal of Physical Chemistry C, 2014, 118, 28535-28541.	1.5	31
136	Quadrupolar (donor)2acceptor-acid chromophores for dye-sensitized solar cells: influence of the core acceptor. Journal of Materials Chemistry A, 2014, 2, 9866.	5.2	12
137	Effect of Isomerism and Chain Length on Electronic Structure, Photophysics, and Sensitizer Efficiency in Quadrupolar (Donor)₂â€“Acceptor Systems for Application in Dye-Sensitized Solar Cells. ACS Applied Materials & Interfaces, 2014, 6, 5221-5227.	4.0	27
138	Follow the Yellow Brick Road: Structural Optimization of Vibrant Yellow-to-Transmissive Electrochromic Conjugated Polymers. Macromolecules, 2014, 47, 5462-5469.	2.2	109
139	Panchromatic Donorâ€“Acceptorâ€“Donor Conjugated Oligomers for Dye-Sensitized Solar Cell Applications. ACS Applied Materials & Interfaces, 2014, 6, 8715-8722.	4.0	59
140	Electrically Tunable Plasmonic Behavior of Nanocubeâ€“Polymer Nanomaterials Induced by a Redox-Active Electrochromic Polymer. ACS Nano, 2014, 8, 6182-6192.	7.3	347
141	Poly(fluorene-co-thiophene)-based ionic transition-metal complex polymers for solar energy harvesting and storage applications. Polymer Chemistry, 2014, 5, 2363.	1.9	33
142	Investigation of the Role of the Acceptor Molecule in Bulk Heterojunction Photovoltaic Cells Using Impedance Spectroscopy. Journal of Physical Chemistry C, 2013, 117, 13798-13804.	1.5	13
143	Direct (Hetero)arylation Polymerization: An Effective Route to 3,4-Propylenedioxythiophene-Based Polymers with Low Residual Metal Content. ACS Macro Letters, 2013, 2, 869-873.	2.3	127
144	Understanding the Electronic Structure of Isoindigo in Conjugated Systems: A Combined Theoretical and Experimental Approach.. Macromolecules, 2013, 46, 8832-8844.	2.2	63

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145	Optimization of PEDOT Films in Ionic Liquid Supercapacitors: Demonstration As a Power Source for Polymer Electrochromic Devices. ACS Applied Materials & Interfaces, 2013, 5, 13432-13440.	4.0	114
146	Ultrafast Formation of a Long-Lived Charge-Separated State in a Ru-Loaded Poly(3-hexylthiophene) Light-Harvesting Polymer. Journal of Physical Chemistry Letters, 2013, 4, 2269-2273.	2.1	22
147	Direct Photopatterning of Electrochromic Polymers. Advanced Functional Materials, 2013, 23, 3728-3737.	7.8	63
148	Solutionâ€Processed Nickel Oxide Hole Transport Layers in High Efficiency Polymer Photovoltaic Cells. Advanced Functional Materials, 2013, 23, 2993-3001.	7.8	461
149	Loss Mechanisms in Thickâ€Film Lowâ€Bandgap Polymer Solar Cells. Advanced Energy Materials, 2013, 3, 909-916.	10.2	52
150	Racial Mismatch in the Classroom. Sociology of Education, 2013, 86, 3-17.	1.7	151
151	Fast Switching Water Processable Electrochromic Polymers. ACS Applied Materials & Interfaces, 2012, 4, 6512-6521.	4.0	88
152	Neither a Borrower Nor a Lender Be. Journal of Aging and Health, 2012, 24, 673-695.	0.9	155
153	A Dielsâ€“Alder crosslinkable host polymer for improved PLED performance: the impact on solution processed doped device and multilayer device performance. Journal of Materials Chemistry, 2012, 22, 3004.	6.7	22
154	Inverted Polymer Solar Cells. IEEE Photonics Journal, 2012, 4, 625-628.	1.0	6
155	Supercapacitors Based on Polymeric Dioxypyrroles and Single Walled Carbon Nanotubes. Chemistry of Materials, 2012, 24, 433-443.	3.2	50
156	Competition between Ultrafast Energy Flow and Electron Transfer in a Ru(II)-Loaded Polyfluorene Light-Harvesting Polymer. Journal of Physical Chemistry Letters, 2012, 3, 2453-2457.	2.1	30
157	A minimally coloured dioxypyrrole polymer as a counter electrode material in polymeric electrochromic window devices. Journal of Materials Chemistry, 2012, 22, 4953.	6.7	69
158	Structure-Performance Correlations in Spray-Processable Green Dioxythiophene-Benzothiadiazole Donorâ€“Acceptor Polymer Electrochromes. Chemistry of Materials, 2012, 24, 255-268.	3.2	91
159	Control of Charge-Carrier Mobility via In-Chain Spacer Length Variation in Sequenced Triarylamine Functionalized Polyolefins. ACS Macro Letters, 2012, 1, 324-327.	2.3	14
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