

John R Reynolds

List of Publications by Year in descending order

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335
papers

28,992
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5434

84
h-index

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162
g-index

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all docs

345
docs citations

345
times ranked

23919
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrically conducting polymers and composites for applications in space exploration. <i>Journal of Applied Polymer Science</i> , 2024, 141, .	2.7	2
2	Design Rules for High Contrast Mid-Infrared Electrochromism in Conjugated Polymers. , 2024, 6, 528-534.		0
3	Tuning the Solution Aggregate Structure of a PM7-Based Conjugated Polymer to Enable Green Solvent Processing of Organic Solar Cells. <i>Chemistry of Materials</i> , 2024, 36, 2819-2834.	7.1	1
4	Role of Side-Chain Free Volume on the Electrochemical Behavior of Poly(propylenedioxythiophenes). <i>Chemistry of Materials</i> , 2024, 36, 2634-2641.	7.1	0
5	Metal-like Charge Transport in PEDOT(OH) Films by Post-processing Side Chain Removal from a Soluble Precursor Polymer. <i>Angewandte Chemie - International Edition</i> , 2023, 62, .	14.8	10
6	Effects of Side-Chain Length and Functionality on Polar Poly(dioxythiophene)s for Saline-Based Organic Electrochemical Transistors. <i>Journal of the American Chemical Society</i> , 2023, 145, 122-134.	14.6	20
7	Conducting Polymer Switches Permit the Development of a Frequency-Reconfigurable Antenna. <i>ACS Applied Electronic Materials</i> , 2023, 5, 1697-1706.	4.4	2
8	Additive manufacturing of polyaniline blends for lightweight structures with tunable conductivity. <i>Journal of Materials Chemistry C</i> , 2023, 11, 4404-4414.	5.6	7
9	Solution Aggregate Structures of Donor Polymers Determine the Morphology and Processing Resiliency of Non-Fullerene Organic Solar Cells. <i>Chemistry of Materials</i> , 2023, 35, 2713-2729.	7.1	19
10	Mesoporous ITO Electrodes as Optically Passive Counter Electrodes for Electrochromic Devices. , 2023, 1, 906-914.		3
11	Quantitative Assessment of the Cycling Stability of Different Electrochromic Materials and Devices. , 2023, 1, 1174-1183.		6
12	Quantifying Charge Carrier Localization in PBTTT Using Thermoelectric and Spectroscopic Techniques. <i>Journal of Physical Chemistry C</i> , 2023, 127, 12206-12217.	3.3	1
13	Surface-Localized Chemically Modified Reduced Graphene Oxide Nanocomposites as Flexible Conductive Surfaces for Space Applications. <i>ACS Applied Polymer Materials</i> , 2023, 5, 5092-5102.	4.5	3
14	Organic Photovoltaic Performance Resiliency: Role of Molecular Weight in a PM7 Derivative. <i>ACS Energy Letters</i> , 2023, 8, 3307-3313.	18.4	7
15	Elucidating Design Rules toward Enhanced Solid-State Charge Transport in Oligoether-Functionalized Dioxythiophene-Based Alternating Copolymers. <i>ACS Applied Materials & Interfaces</i> , 2023, 15, 35227-35238.	8.3	1
16	Additive-free molecular acceptor organic solar cells processed from a biorenewable solvent approaching 15% efficiency. <i>Materials Horizons</i> , 2023, 10, 5564-5576.	12.8	4
17	Color Control in Bis-ethylenedioxythiophene Phenylene Anodically Coloring Electrochromes. <i>Chemistry of Materials</i> , 2023, 35, 10550-10563.	7.1	3
18	Conquering residual light absorption in the transmissive states of organic electrochromic materials. <i>Materials Horizons</i> , 2022, 9, 252-260.	12.8	28

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19	Social isolation and achievement of students with learning disabilities. <i>Social Science Research</i> , 2022, 104, 102667.	2.2	15
20	High-Performance n-Type Organic Electrochemical Transistors Enabled by Aqueous Solution Processing of Amphiphilicity-Driven Polymer Assembly. <i>Advanced Functional Materials</i> , 2022, 32, 2111950.	16.5	52
21	Revealing temperature-dependent polymer aggregation in solution with small-angle X-ray scattering. <i>Journal of Materials Chemistry A</i> , 2022, 10, 2096-2104.	10.5	9
22	Enhancement of Photostability through Side Chain Tuning in Dioxythiophene-Based Conjugated Polymers. <i>Chemistry of Materials</i> , 2022, 34, 1041-1051.	7.1	7
23	Significant Enhancement of the Electrical Conductivity of Conjugated Polymers by Post-Processing Side Chain Removal. <i>Journal of the American Chemical Society</i> , 2022, 144, 1351-1360.	14.6	49
24	Limitations of Diels-Alder Dynamic Covalent Networks as Thermal Conductivity Switches. <i>ACS Applied Polymer Materials</i> , 2022, 4, 1218-1224.	4.5	10
25	Minimizing Oxygen Permeability in Chitin/Cellulose Nanomaterial Coatings by Tuning Chitin Deacetylation. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 124-133.	6.9	17
26	Probing Comonomer Selection Effects on Dioxythiophene-Based Aqueous-Compatible Polymers for Redox Applications. <i>Chemistry of Materials</i> , 2022, 34, 4633-4645.	7.1	22
27	Iron(III) Dopant Counterions Affect the Charge-Transport Properties of Poly(Thiophene) and Poly(Dialkoxythiophene) Derivatives. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 29039-29051.	8.3	6
28	Insights into the Local Bulk-Heterojunction Packing Interactions and Donor-Acceptor Energy Level Offsets in Scalable Photovoltaic Polymers. <i>Chemistry of Materials</i> , 2022, 34, 6853-6867.	7.1	7
29	Optimization of spray-coated nanochitin/nanocellulose films as renewable oxygen barrier layers via thermal treatment. <i>Materials Advances</i> , 2022, 3, 8351-8360.	5.2	5
30	Importance of Electric-Field-Independent Mobilities in Thick-Film Organic Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 47961-47970.	8.3	8
31	Theory-Driven Spectral Control of Bis-EDOT Arylene Radical Cation Chromophores. <i>Chemistry of Materials</i> , 2022, 34, 9546-9557.	7.1	4
32	Comparison of visible light driven H ₂ O ₂ and peroxymonosulfate degradation of norfloxacin using Co/g-C ₃ N ₄ . <i>Chemosphere</i> , 2021, 262, 127955.	8.4	50
33	PCT Kinetics in the First Week Postburn for Sepsis Diagnosis and Death Prognosis—An Accuracy Study. <i>Journal of Burn Care and Research</i> , 2021, 42, 545-554.	0.5	7
34	Probing Crystallization Effects when Processing Bulk-Heterojunction Active Layers: Comparing Fullerene and Nonfullerene Acceptors. <i>Chemistry of Materials</i> , 2021, 33, 657-667.	7.1	8
35	Ester-functionalized, wide-bandgap derivatives of PM7 for simultaneous enhancement of photovoltaic performance and mechanical robustness of all-polymer solar cells. <i>Journal of Materials Chemistry A</i> , 2021, 9, 2775-2783.	10.5	30
36	Photostability of Ambient-Processed, Conjugated Polymer Electrochromic Devices Encapsulated by Bioderived Barrier Films. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 2937-2945.	6.9	12

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37	Guiding synthetic targets of anodically coloring electrochromes through density functional theory. <i>Journal of Chemical Physics</i> , 2021, 154, 054110.	3.1	8
38	Exploring Isomeric Effects on Optical and Electrochemical Properties of Red/Orange Electrochromic Polymers. <i>Macromolecules</i> , 2021, 54, 1677-1692.	5.1	18
39	Cost-Effective, Flexible, and Colorful Dynamic Displays: Removing Underlying Conducting Layers from Polymer-Based Electrochromic Devices. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 16732-16743.	8.3	38
40	BCG-unresponsive high-grade non-muscle invasive bladder cancer: what does the practicing urologist need to know?. <i>World Journal of Urology</i> , 2021, 39, 4037-4046.	2.4	15
41	Thermoelectric and Charge Transport Properties of Solution-Processable and Chemically Doped Dioxythienothiophene Copolymers. <i>ACS Applied Polymer Materials</i> , 2021, 3, 2316-2324.	4.5	13
42	Assessing the Extreme Loneliness of Immigrant Farmworkers. <i>Sociological Inquiry</i> , 2021, 91, 696.	2.1	0
43	It Is Good to Be Flexible: Energy Transport Facilitated by Conformational Fluctuations in Light-Harvesting Polymers. <i>Journal of Physical Chemistry B</i> , 2021, 125, 5885-5896.	2.7	0
44	Branched Oligo(ether) Side Chains: A Path to Enhanced Processability and Elevated Conductivity for Polymeric Semiconductors. <i>Advanced Functional Materials</i> , 2021, 31, 2102688.	16.5	30
45	From Monomer to Conjugated Polymer: A Perspective on Best Practices for Synthesis. <i>Chemistry of Materials</i> , 2021, 33, 4842-4852.	7.1	22
46	Risk factors for nontuberculous mycobacterial pulmonary disease (NTM-PD) in Croatia. <i>Wiener Klinische Wochenschrift</i> , 2021, 133, 1195-1200.	2.1	3
47	Influence of Surface and Structural Variations in Donor-acceptor Donor Sensitizers on Photoelectrocatalytic Water Splitting. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 47499-47510.	8.3	5
48	Low-Defect, High Molecular Weight Indacenodithiophene (IDT) Polymers Via a C-H Activation: Evaluation of a Simpler and Greener Approach to Organic Electronic Materials. , 2021, 3, 1503-1512.		28
49	Charge-Transfer Intermediates in the Electrochemical Doping Mechanism of Conjugated Polymers. <i>Journal of the American Chemical Society</i> , 2021, 143, 294-308.	14.6	31
50	STAT3 Gain-of-Function Mutations Underlie Deficiency in Human Nonclassical CD16+ Monocytes and CD141+ Dendritic Cells. <i>Journal of Immunology</i> , 2021, 207, 2423-2432.	0.8	11
51	Disposable FBC-Based Tridirectional Force/Torque Sensor for Aspiration Instruments in Neurosurgery. <i>IEEE Transactions on Industrial Electronics</i> , 2020, 67, 3236-3247.	8.2	36
52	Structural effects on the charge transport properties of chemically and electrochemically doped dioxythiophene polymers. <i>Journal of Materials Chemistry C</i> , 2020, 8, 683-693.	5.6	22
53	Readily Dispersible Chemically Functionalized Reduced Graphene Oxide Nanosheets for Solution-Processable Electrodes and Conductive Coatings. <i>ACS Applied Nano Materials</i> , 2020, 3, 11455-11464.	5.2	8
54	Investigating the active layer thickness dependence of non-fullerene organic solar cells based on PM7 derivatives. <i>Journal of Materials Chemistry C</i> , 2020, 8, 15459-15469.	5.6	17

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55	Organic Chromophores Designed for Hole Injection into Wide-Band-Gap Metal Oxides for Solar Fuel Applications. <i>Chemistry of Materials</i> , 2020, 32, 8158-8168.	7.1	13
56	Integrating Solution-Processable Conducting Polymers in Carbon Fiber Paper: Scalable 3D Electrodes for Redox-Based Supercapacitors. <i>ACS Applied Polymer Materials</i> , 2020, 2, 3234-3242.	4.5	8
57	Ethylene Glycol-Based Side Chain Length Engineering in Polythiophenes and its Impact on Organic Electrochemical Transistor Performance. <i>Chemistry of Materials</i> , 2020, 32, 6618-6628.	7.1	104
58	Side chain independent photovoltaic performance of thienopyrroledione conjugated donor-acceptor polymers. <i>Journal of Materials Chemistry C</i> , 2020, 8, 16452-16462.	5.6	2
59	Curious Case of BiEDOT: MALDI-TOF Mass Spectrometry Reveals Unbalanced Monomer Incorporation with Direct (Hetero)arylation Polymerization. <i>Macromolecules</i> , 2020, 53, 7253-7262.	5.1	16
60	Taxonomically Restricted Wheat Genes Interact With Small Secreted Fungal Proteins and Enhance Resistance to Septoria Tritici Blotch Disease. <i>Frontiers in Plant Science</i> , 2020, 11, 433.	3.8	13
61	Cosolvent Effects When Blade-Coating a Low-Solubility Conjugated Polymer for Bulk Heterojunction Organic Photovoltaics. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 27416-27424.	8.3	8
62	Inducing planarity in redox-active conjugated polymers with solubilizing 3,6-dialkoxy-thieno[3,2- <i>b</i>]thiophenes (DOTTs) for redox and solid-state conductivity applications. <i>Journal of Materials Chemistry C</i> , 2020, 8, 7463-7475.	5.6	18
63	Effects of linear and branched side chains on the redox and optoelectronic properties of 3,4-dialkoxythiophene polymers. <i>Polymer Chemistry</i> , 2020, 11, 2173-2181.	4.0	28
64	Critical Role of Polymer Aggregation and Miscibility in Nonfullerene-Based Organic Photovoltaics. <i>Advanced Energy Materials</i> , 2020, 10, 1902430.	22.2	45
65	Electrochromic selective filtering of chronodisruptive visible wavelengths. <i>PLoS ONE</i> , 2020, 15, e0241900.	2.5	1
66	Exploring the Utility of Buchwald Ligands for C-H Oxidative Direct Arylation Polymerizations. <i>ACS Macro Letters</i> , 2019, 8, 931-936.	4.9	19
67	Paper-Based Electrochromic Devices Enabled by Nanocellulose-Coated Substrates. <i>Advanced Functional Materials</i> , 2019, 29, 1903487.	16.5	91
68	Fully Printed Organic Electrochemical Transistors from Green Solvents. <i>Advanced Functional Materials</i> , 2019, 29, 1905266.	16.5	46
69	SAT-105 GLUCOSE-DEPENDENT MITOCHONDRIAL ALTERATIONS IN DIABETIC KIDNEY DISEASE. <i>Kidney International Reports</i> , 2019, 4, S50.	0.8	0
70	Fine-Tuning the Color Hue of π -Conjugated Black-to-Clear Electrochromic Random Copolymers. <i>Macromolecules</i> , 2019, 52, 6773-6779.	5.1	56
71	Tuning Conjugated Polymers for Binder Applications in High-Capacity Magnetite Anodes. <i>ACS Applied Energy Materials</i> , 2019, 2, 7584-7593.	5.3	20
72	All Donor Electrochromic Polymers Tunable across the Visible Spectrum via Random Copolymerization. <i>Chemistry of Materials</i> , 2019, 31, 6841-6849.	7.1	48

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73	Conductive, Solution-Processed Dioxythiophene Copolymers for Thermoelectric and Transparent Electrode Applications. <i>Advanced Energy Materials</i> , 2019, 9, 1900395.	22.2	44
74	Strategies Toward Stable Nonaqueous Alkali Metal O_2 Batteries. <i>Advanced Energy Materials</i> , 2019, 9, 1900464.	22.2	41
75	Myelodysplasia as assessed by multiparameter flow cytometry refines prognostic stratification provided by genotypic risk in systemic mastocytosis. <i>American Journal of Hematology</i> , 2019, 94, 845-852.	4.3	5
76	Thermoelectric Performance of n-Type Poly(Ni-tetrathiooxalate) as a Counterpart to Poly(Ni-ethenetetrathiolate): NiTTO versus NiETT. <i>Advanced Electronic Materials</i> , 2019, 5, 1900066.	5.4	14
77	Disentangling Redox Properties and Capacitance in Solution-Processed Conjugated Polymers. <i>Chemistry of Materials</i> , 2019, 31, 2971-2982.	7.1	50
78	Development of a low-temperature low-pressure humidity chamber for calibration of radiosonde humidity sensors. <i>Metrologia</i> , 2019, 56, 025009.	1.2	6
79	New Design Paradigm for Color Control in Anodically Coloring Electrochromic Molecules. <i>Journal of the American Chemical Society</i> , 2019, 141, 3859-3862.	14.6	73
80	Heterogeneous forward and backward scattering modulation by polymer-infused plasmonic nanohole arrays. <i>Journal of Materials Chemistry C</i> , 2019, 7, 3090-3099.	5.6	8
81	Photovoltaic donor-acceptor conjugated polymers with minimally substituted acceptor moieties. <i>Organic Electronics</i> , 2019, 68, 280-284.	2.8	12
82	Acceptor Gradient Polymer Donors for Non-Fullerene Organic Solar Cells. <i>Chemistry of Materials</i> , 2019, 31, 9729-9741.	7.1	17
83	Simple Interface Modification of Electroactive Polymer Film Electrodes. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 47131-47142.	8.3	15
84	Electrochromism in Conjugated Polymers – Strategies for Complete and Straightforward Color Control. , 2019, , 201-248.		3
85	Oficina EtnoeducAtiva: uma proposta interdisciplinar de sensibilizaçãoo socioambiental em Área costeira. <i>Revista Monografias Ambientais</i> , 2019, 18, 2.	0.1	1
86	Every Atom Counts: Elucidating the Fundamental Impact of Structural Change in Conjugated Polymers for Organic Photovoltaics. <i>Chemistry of Materials</i> , 2018, 30, 2995-3009.	7.1	39
87	Transparent Wood Smart Windows: Polymer Electrochromic Devices Based on Poly(3,4-Ethylenedioxythiophene):Poly(Styrene Sulfonate) Electrodes. <i>ChemSusChem</i> , 2018, 11, 854-863.	7.5	121
88	Soluble phenylenedioxythiophene copolymers <i>via</i> direct (hetero)arylation polymerization: a revived monomer for organic electronics. <i>Journal of Materials Chemistry C</i> , 2018, 6, 1064-1070.	5.6	24
89	Chemical Oxidation of Polymer Electrodes for Redox Active Devices: Stabilization through Interfacial Interactions. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 970-978.	8.3	23
90	Natural Mentors, Social Class, and College Success. <i>American Journal of Community Psychology</i> , 2018, 61, 179-190.	2.3	21

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91	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.	5.3	12
92	Langmuirâ€“Blodgett Thin Films of Diketopyrrolopyrrole-Based Amphiphiles. ACS Applied Materials & Interfaces, 2018, 10, 11995-12004.	8.3	18
93	Exploring unbalanced electrode configurations for electrochromic devices. Journal of Materials Chemistry C, 2018, 6, 393-400.	5.6	22
94	Multifunctional triphenylamine polymers synthesized via direct (hetero) arylation polymerization. Journal of Polymer Science Part A, 2018, 56, 147-153.	2.4	14
95	Impact of Nonfullerene Molecular Architecture on Charge Generation, Transport, and Morphology in PTB7â€“Based Organic Solar Cells. Advanced Functional Materials, 2018, 28, 1802702.	16.5	46
96	A Fruitful Usage of a Dialkylthiophene Comonomer for Redox Stable Wide-Gap Cathodically Coloring Electrochromic Polymers. Macromolecules, 2018, 51, 9250-9258.	5.1	31
97	Randomly Distributed Conjugated Polymer Repeat Units for High-Efficiency Photovoltaic Materials with Enhanced Solubility and Processability. ACS Applied Materials & Interfaces, 2018, 10, 44583-44588.	8.3	20
98	Aqueous Electrolyte Compatible Electrochromic Polymers Processed from an Environmentally Sustainable Solvent. ACS Macro Letters, 2018, 7, 1208-1214.	4.9	34
99	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.	16.5	45
100	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.	24.3	126
101	Effect of Heteroatom and Doping on the Thermoelectric Properties of Poly(3â€“alkylchalcogenophenes). Advanced Energy Materials, 2018, 8, 1802419.	22.2	105
102	All Polymer Solution Processed Electrochromic Devices: A Future without Indium Tin Oxide?. ACS Applied Materials & Interfaces, 2018, 10, 31568-31579.	8.3	56
103	Semi-transparent low-donor content organic solar cells employing cyclopentadithiophene-based conjugated molecules. Journal of Materials Chemistry C, 2018, 6, 10532-10537.	5.6	14
104	A new standard method to calculate electrochromic switching time. Solar Energy Materials and Solar Cells, 2018, 185, 54-60.	6.3	69
105	Systematic Power Factor Enhancement in nâ€“Type NiETT/PVDF Composite Films. Advanced Functional Materials, 2018, 28, 1801620.	16.5	34
106	Establishment of a Modified Collagen-Induced Arthritis Mouse Model to Investigate the Anti-inflammatory Activity of Progranulin in Inflammatory Arthritis. Methods in Molecular Biology, 2018, 1806, 305-313.	0.0	11
107	Conjugated Polymer Blends for High Contrast Blackâ€“toâ€“Transmissive Electrochromism. Advanced Optical Materials, 2018, 6, 1800594.	7.9	82
108	Visible-Light-Driven Photocatalytic Water Oxidation by a Î€-Conjugated Donorâ€“Acceptorâ€“Donor Chromophore/Catalyst Assembly. ACS Energy Letters, 2018, 3, 2114-2119.	18.4	32

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109	Spray-Coated Multilayer Cellulose Nanocrystalâ€”Chitin Nanofiber Films for Barrier Applications. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 10637-10644.	6.9	112
110	Simultaneous Enhancement in Electrical Conductivity and Thermopower of nâ€”Type NiETT/PVDF Composite Films by Annealing. <i>Advanced Functional Materials</i> , 2018, 28, 1803275.	16.5	40
111	Electrochromic Polymers Processed from Environmentally Benign Solvents. <i>Chemistry of Materials</i> , 2018, 30, 5161-5168.	7.1	36
112	Electrochromism of alkylene-linked discrete chromophore polymers with broad radical cation light absorption. <i>Polymer Chemistry</i> , 2018, 9, 3055-3066.	4.0	17
113	Increased Exciton Delocalization of Polymer upon Blending with Fullerene. <i>Advanced Materials</i> , 2018, 30, e1801392.	24.3	21
114	Delivery and evaluation of recombinant adenoâ€”associated viral vectors in the equine distal extremity for the treatment of laminitis. <i>Equine Veterinary Journal</i> , 2017, 49, 79-86.	1.7	7
115	Effect of Polymerâ€”Fullerene Interaction on the Dielectric Properties of the Blend. <i>Advanced Energy Materials</i> , 2017, 7, 1601947.	22.2	53
116	Direct Imide Formation from Thiophene Dicarboxylic Acids Gives Expanded Side-Chain Selection in Thienopyrrolediones. <i>Organic Letters</i> , 2017, 19, 996-999.	4.8	16
117	Discrete Donorâ€”Acceptor Conjugated Systems in Neutral and Oxidized States: Implications toward Molecular Design for High Contrast Electrochromics. <i>Chemistry of Materials</i> , 2017, 29, 1290-1301.	7.1	57
118	Determination of glucose deficiency-induced cell death by mitochondrial ATP generation-driven proton homeostasis. <i>Journal of Molecular Cell Biology</i> , 2017, 9, 395-408.	3.3	19
119	Conjugated Polyelectrolytes as Water Processable Precursors to Aqueous Compatible Redox Active Polymers for Diverse Applications: Electrochromism, Charge Storage, and Biocompatible Organic Electronics. <i>Chemistry of Materials</i> , 2017, 29, 4385-4392.	7.1	81
120	Interfacial Dynamics within an Organic Chromophore-Based Water Oxidation Molecular Assembly. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 16651-16659.	8.3	5
121	Morphology Control in Films of Isoindigo Polymers by Side-Chain and Molecular Weight Effects. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 13357-13368.	8.3	26
122	Cyclometalated Platinum-Containing Diketopyrrolopyrrole Complexes and Polymers: Photophysics and Photovoltaic Applications. <i>Chemistry of Materials</i> , 2017, 29, 8449-8461.	7.1	28
123	Simple transfer from spin coating to blade coating through processing aggregated solutions. <i>Journal of Materials Chemistry A</i> , 2017, 5, 20687-20695.	10.5	22
124	On academic reading: citation patterns and beyond. <i>Scientometrics</i> , 2017, 113, 417-435.	3.1	7
125	Aqueous Processing for Printed Organic Electronics: Conjugated Polymers with Multistage Cleavable Side Chains. <i>ACS Central Science</i> , 2017, 3, 961-967.	12.3	45
126	Molecular weight tuning of low bandgap polymers by continuous flow chemistry: increasing the applicability of PffBT4T for organic photovoltaics. <i>Journal of Materials Chemistry A</i> , 2017, 5, 18166-18175.	10.5	26

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127	Controlling the coarse droplets streams by blade profile shape modification in the last stages of steam turbines. <i>Journal of Physics: Conference Series</i> , 2017, 899, 032022.	0.4	1
128	Electrochromic tuning of transparent gold nanorods with poly[(3,4-propylenedioxy)pyrrole] shells in the near-infrared region. <i>Journal of Materials Chemistry C</i> , 2017, 5, 12571-12584.	5.6	15
129	Latina/o Students in Majority White Schools. <i>Sociology of Race and Ethnicity</i> (Thousand Oaks, Calif), 2017, 3, 113-125.	1.6	7
130	Flexible, aqueous-electrolyte supercapacitors based on water-processable dioxothiophene polymer/carbon nanotube textile electrodes. <i>Journal of Materials Chemistry A</i> , 2017, 5, 23887-23897.	10.5	40
131	KIF5A transports collagen vesicles of myofibroblasts during pleural fibrosis. <i>Scientific Reports</i> , 2017, 7, 4556.	3.4	19
132	A comprehensive ethnic-based analysis of alpha thalassaemia allele frequency in northern Thailand. <i>Scientific Reports</i> , 2017, 7, 4690.	3.4	11
133	Metallo-organic n-type thermoelectrics: Emphasizing advances in nickel-ethenetetrathiolates. <i>Journal of Applied Polymer Science</i> , 2017, 134, .	2.7	26
134	Self-calibrated global rainbow refractometry: a dual-wavelength approach. <i>Chinese Optics Letters</i> , 2017, 15, 042902-42906.	3.0	5
135	Is Bankruptcy a Systematic Risk? Evidence From Vietnam. , 2016, , 215-231.		1
136	Full Color Control and High-Resolution Patterning from Inkjet Printable Cyan/Magenta/Yellow Colored-Colorless Electrochromic Polymer Inks. <i>Advanced Materials Technologies</i> , 2016, 1, 1600063.	6.2	39
137	Efficient Light-Driven Oxidation of Alcohols Using an Organic Chromophore-Catalyst Assembly Anchored to TiO ₂ . <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 9125-9133.	8.3	36
138	Evidence of Molecular Structure Dependent Charge Transfer between Isoindigo-Based Polymers and Fullerene. <i>Chemistry of Materials</i> , 2016, 28, 2433-2440.	7.1	33
139	Electrically Controlled Plasmonic Behavior of Gold Nanocube@Polyaniline Nanostructures: Transparent Plasmonic Aggregates. <i>Chemistry of Materials</i> , 2016, 28, 2868-2881.	7.1	69
140	Heteroatom Role in Polymeric Dioxyselenophene/Dioxothiophene Systems for Color and Redox Control. <i>ACS Macro Letters</i> , 2016, 5, 714-717.	4.9	22
141	Twisted Thiophene-Based Chromophores with Enhanced Intramolecular Charge Transfer for Cooperative Amplification of Third-Order Optical Nonlinearity. <i>Journal of the American Chemical Society</i> , 2016, 138, 6975-6984.	14.6	109
142	Structure-Property Relationships Directing Transport and Charge Separation in Isoindigo Polymers. <i>Macromolecules</i> , 2016, 49, 4008-4022.	5.1	39
143	Solution Processed PEDOT Analogues in Electrochemical Supercapacitors. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 13492-13498.	8.3	67
144	Design of Hybrid Electrochromic Materials with Large Electrical Modulation of Plasmonic Resonances. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 13064-13075.	8.3	39

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