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List of Publications by Year
in descending order

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39 papers	1,803 citations	304743 22 h-index	302126 39 g-index
43 all docs	43 docs citations	43 times ranked	1971 citing authors

#	Article	IF	Citations
1	Conquering residual light absorption in the transmissive states of organic electrochromic materials. Materials Horizons, 2022, 9, 252-260.	12.2	21
2	Enhancement of Photostability through Side Chain Tuning in Dioxythiophene-Based Conjugated Polymers. Chemistry of Materials, 2022, 34, 1041-1051.	6.7	6
3	Probing Comonomer Selection Effects on Dioxythiophene-Based Aqueous-Compatible Polymers for Redox Applications. Chemistry of Materials, 2022, 34, 4633-4645.	6.7	20
4	Cost-Effective, Flexible, and Colorful Dynamic Displays: Removing Underlying Conducting Layers from Polymer-Based Electrochromic Devices. ACS Applied Materials & Interfaces, 2021, 13, 16732-16743.	8.0	29
5	Charge-Transfer Intermediates in the Electrochemical Doping Mechanism of Conjugated Polymers. Journal of the American Chemical Society, 2021, 143, 294-308.	13.7	28
6	Structural effects on the charge transport properties of chemically and electrochemically doped dioxythiophene polymers. Journal of Materials Chemistry C, 2020, 8, 683-693.	5.5	22
7	Integrating Solution-Processable Conducting Polymers in Carbon Fiber Paper: Scalable 3D Electrodes for Redox-Based Supercapacitors. ACS Applied Polymer Materials, 2020, 2, 3234-3242.	4.4	8
8	Electrochromic selective filtering of chronodisruptive visible wavelengths. PLoS ONE, 2020, 15, e0241900.	2.5	1
9	Paperâ€Based Electrochromic Devices Enabled by Nanocelluloseâ€Coated Substrates. Advanced Functional Materials, 2019, 29, 1903487.	14.9	81
10	Disentangling Redox Properties and Capacitance in Solution-Processed Conjugated Polymers. Chemistry of Materials, 2019, 31, 2971-2982.	6.7	50
11	Electrochromism in Conjugated Polymers â€" Strategies for Complete and Straightforward Color Control. , 2019, , 201-248.		3
12	Transparent Wood Smart Windows: Polymer Electrochromic Devices Based on Poly(3,4â€Ethylenedioxythiophene):Poly(Styrene Sulfonate) Electrodes. ChemSusChem, 2018, 11, 854-863.	6.8	115
13	Chemical Oxidation of Polymer Electrodes for Redox Active Devices: Stabilization through Interfacial Interactions. ACS Applied Materials & Interfaces, 2018, 10, 970-978.	8.0	23
14	Exploring unbalanced electrode configurations for electrochromic devices. Journal of Materials Chemistry C, 2018, 6, 393-400.	5.5	22
15	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.	21.0	119
16	All Polymer Solution Processed Electrochromic Devices: A Future without Indium Tin Oxide?. ACS Applied Materials & Interfaces, 2018, 10, 31568-31579.	8.0	54
17	Conjugated Polymer Blends for High Contrast Blackâ€toâ€Transmissive Electrochromism. Advanced Optical Materials, 2018, 6, 1800594.	7.3	73
18	Electrochromic Polymers Processed from Environmentally Benign Solvents. Chemistry of Materials, 2018, 30, 5161-5168.	6.7	32

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19	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.	6.7	78
20	Flexible, aqueous-electrolyte supercapacitors based on water-processable dioxythiophene polymer/carbon nanotube textile electrodes. Journal of Materials Chemistry A, 2017, 5, 23887-23897.	10.3	40
21	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.	5.8	35
22	Solution Processed PEDOT Analogues in Electrochemical Supercapacitors. ACS Applied Materials & Interfaces, 2016, 8, 13492-13498.	8.0	65
23	Tuning Color, Contrast, and Redox Stability in High Gap Cathodically Coloring Electrochromic Polymers. Macromolecules, 2016, 49, 8498-8507.	4.8	58
24	Designing a Soluble PEDOT Analogue without Surfactants or Dispersants. Macromolecules, 2016, 49, 2106-2111.	4.8	74
25	Four Shades of Brown: Tuning of Electrochromic Polymer Blends Toward High-Contrast Eyewear. ACS Applied Materials & Interfaces, 2015, 7, 1413-1421.	8.0	197
26	Process controlled performance for soluble electrochromic polymers. Solar Energy Materials and Solar Cells, 2015, 140, 54-60.	6.2	58
27	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.	5.5	72
28	Understanding the effects of electrochemical parameters on the areal capacitance of electroactive polymers. Journal of Materials Chemistry A, 2014, 2, 7509-7516.	10.3	17
29	Enhanced electron transfer in composite films of reduced graphene oxide and poly(N-methylaniline). Carbon, 2013, 63, 588-592.	10.3	6
30	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.	8.0	114
31	Electrochemical reduction of graphene oxide in electrically conducting poly(3,4-ethylenedioxythiophene) composite films. Electrochimica Acta, 2013, 110, 428-436.	5.2	44
32	Electrochemical incorporation of graphene oxide into conducting polymer films. Electrochimica Acta, 2012, 83, 463-470.	5.2	119
33	Electrochemical and Spectroelectrochemical Study of Polyazulene/BBL-PEO Donorâ€"Acceptor Composite Layers. Journal of Physical Chemistry C, 2012, 116, 23793-23802.	3.1	13
34	Studying electronic transport in polyazuleneâ€"ionic liquid systems using infrared vibrational spectroscopy. Physical Chemistry Chemical Physics, 2011, 13, 11254.	2.8	12
35	Characterization of Waterâ€Dispersible nâ€Type Poly(benzimidazobenzophenanthroline) Derivatives. Macromolecular Chemistry and Physics, 2011, 212, 1567-1574.	2.2	7
36	Ionic liquids in electrosynthesis and characterization of a polyazulene-fullerene composite. Electrochimica Acta, 2011, 56, 1490-1497.	5.2	13

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37	Spectroelectrochemical study of the redox reactions of polyazulene on aluminum substrates. Journal of Electroanalytical Chemistry, 2008, 613, 160-170.	3.8	17
38	The Nature of the Charge Carriers in Polyazulene as Studied by in Situ Electron Spin Resonanceâ˘'UVâ˘'Visibleâ˘'Near-Infrared Spectroscopy. Journal of Physical Chemistry B, 2008, 112, 14149-14157.	2.6	27
39	In situ Resonance Raman Spectroscopy of Polyazulene on Aluminum. Journal of Physical Chemistry B, 2008, 112, 6331-6337.	2.6	16