

# D Eric Shen

## List of Publications by Year in descending order

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papers

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citations

567281

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times ranked

1095  
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#	ARTICLE	IF	CITATIONS
1	Transparent Wood Smart Windows: Polymer Electrochromic Devices Based on Poly(3,4-Ethylenedioxythiophene):Poly(Styrene Sulfonate) Electrodes. <i>ChemSusChem</i> , 2018, 11, 854-863.	6.8	115
2	Optimization of PEDOT Films in Ionic Liquid Supercapacitors: Demonstration As a Power Source for Polymer Electrochromic Devices. <i>ACS Applied Materials &amp; Interfaces</i> , 2013, 5, 13432-13440.	8.0	114
3	High Performance and Long-Term Stability in Ambiently Fabricated Segmented Solid-State Polymer Electrochromic Displays. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 12001-12008.	8.0	75
4	Out of sight but not out of mind: the role of counter electrodes in polymer-based solid-state electrochromic devices. <i>Journal of Materials Chemistry C</i> , 2015, 3, 9715-9725.	5.5	72
5	Direct Photopatterning of Electrochromic Polymers. <i>Advanced Functional Materials</i> , 2013, 23, 3728-3737.	14.9	63
6	A new standard method to calculate electrochromic switching time. <i>Solar Energy Materials and Solar Cells</i> , 2018, 185, 54-60.	6.2	62
7	Tuning Color, Contrast, and Redox Stability in High Gap Cathodically Coloring Electrochromic Polymers. <i>Macromolecules</i> , 2016, 49, 8498-8507.	4.8	58
8	Disentangling Redox Properties and Capacitance in Solution-Processed Conjugated Polymers. <i>Chemistry of Materials</i> , 2019, 31, 2971-2982.	6.7	50
9	Fine-Tuning the Color Hue of $\pi$ -Conjugated Black-to-Clear Electrochromic Random Copolymers. <i>Macromolecules</i> , 2019, 52, 6773-6779.	4.8	47
10	Full Color Control and High-Resolution Patterning from Inkjet Printable Cyan/Magenta/Yellow Colored-to-Colorless Electrochromic Polymer Inks. <i>Advanced Materials Technologies</i> , 2016, 1, 1600063.	5.8	35
11	Cost-Effective, Flexible, and Colorful Dynamic Displays: Removing Underlying Conducting Layers from Polymer-Based Electrochromic Devices. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 16732-16743.	8.0	29
12	Chemical Oxidation of Polymer Electrodes for Redox Active Devices: Stabilization through Interfacial Interactions. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 970-978.	8.0	23
13	Exploring unbalanced electrode configurations for electrochromic devices. <i>Journal of Materials Chemistry C</i> , 2018, 6, 393-400.	5.5	22
14	Conquering residual light absorption in the transmissive states of organic electrochromic materials. <i>Materials Horizons</i> , 2022, 9, 252-260.	12.2	21
15	Understanding the effects of electrochemical parameters on the areal capacitance of electroactive polymers. <i>Journal of Materials Chemistry A</i> , 2014, 2, 7509-7516.	10.3	17
16	Enhancement of Photostability through Side Chain Tuning in Dioxythiophene-Based Conjugated Polymers. <i>Chemistry of Materials</i> , 2022, 34, 1041-1051.	6.7	6
17	Electrochromism in Conjugated Polymers – Strategies for Complete and Straightforward Color Control. , 2019, , 201-248.		3