Liyan You

List of Publications by Year in descending order

14 papers	467 citations	687363 13 h-index	1125743 13 g-index
14 all docs	14 docs citations	14 times ranked	678 citing authors

#	Article	IF	Citations
1	Semiconducting Polymer Nanoparticles for Centimetersâ€Deep Photoacoustic Imaging in the Second Nearâ€Infrared Window. Advanced Materials, 2017, 29, 1703403.	21.0	136
2	Low-Temperature Thermally Annealed Niobium Oxide Thin Films as a Minimally Color Changing Ion Storage Layer in Solution-Processed Polymer Electrochromic Devices. ACS Applied Materials & Interfaces, 2019, 11, 4169-4177.	8.0	42
3	Bioinspired Dynamic Camouflage from Colloidal Nanocrystals Embedded Electrochromics. Nano Letters, 2021, 21, 4500-4507.	9.1	40
4	Highly Transparent Crosslinkable Radical Copolymer Thin Film as the Ion Storage Layer in Organic Electrochromic Devices. ACS Applied Materials & Interfaces, 2018, 10, 18956-18963.	8.0	37
5	Functionalized NIRâ€Ⅱ Semiconducting Polymer Nanoparticles for Singleâ€cell to Wholeâ€Organ Imaging of PSMAâ€Positive Prostate Cancer. Small, 2020, 16, e2001215.	10.0	34
6	Stabilizing Hybrid Electrochromic Devices through Pairing Electrochromic Polymers with Minimally Color-Changing Ion-Storage Materials Having Closely Matched Electroactive Voltage Windows. ACS Applied Materials & Interfaces, 2021, 13, 5312-5318.	8.0	28
7	Self-Bleaching Behaviors in Black-to-Transmissive Electrochromic Polymer Thin Films. ACS Applied Materials & Interfaces, 2017, 9, 34122-34130.	8.0	25
8	Conjugated electrochromic polymers with amide-containing side chains enabling aqueous electrolyte compatibility. Polymer Chemistry, 2020, 11, 508-516.	3.9	23
9	Tunable green electrochromic polymers via direct arylation polymerization. Polymer Chemistry, 2018, 9, 5262-5267.	3.9	20
10	Ambient Oxygen-Doped Conjugated Polymer for pH-Activatable Aggregation-Enhanced Photoacoustic Imaging in the Second Near-Infrared Window. Analytical Chemistry, 2021, 93, 3189-3195.	6.5	18
11	Printing dynamic color palettes and layered textures through modeling-guided stacking of electrochromic polymers. Materials Horizons, 2022, 9, 425-432.	12.2	18
12	Polymer Electrochromism Driven by Metabolic Activity Facilitates Rapid and Facile Bacterial Detection and Susceptibility Evaluation. Advanced Functional Materials, 2020, 30, 2005192.	14.9	17
13	Improving Electrochemical Cycling Stability of Conjugated Yellow-to-Transmissive Electrochromic Polymers by Regulating Effective Overpotentials. , 2022, 4, 336-342.		15
14	Direct arylation polymerization of asymmetric pushâ€“pull aryl halides. Polymer Chemistry, 2017, 8, 2438-2441.	3.9	14