

Liyan You

List of Publications by Year in descending order

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