

Hoseon You

List of Publications by Year in descending order

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7
papers

230
citations

1307594

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1720034

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356
citing authors

#	ARTICLE	IF	CITATIONS
1	Shift of the Branching Point of the Side-Chain in Naphthalenediimide (NDI)-Based Polymer for Enhanced Electron Mobility and All-Polymer Solar Cell Performance. <i>Advanced Functional Materials</i> , 2018, 28, 1803613.	14.9	74
2	Naphthalene Diimide-Based Terpolymers with Controlled Crystalline Properties for Producing High Electron Mobility and Optimal Blend Morphology in All-Polymer Solar Cells. <i>Chemistry of Materials</i> , 2020, 32, 2572-2582.	6.7	64
3	Impact of Incorporating Nitrogen Atoms in Naphthalenediimide-Based Polymer Acceptors on the Charge Generation, Device Performance, and Stability of All-Polymer Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 35896-35903.	8.0	26
4	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.	10.3	23
5	Cyano-Functionalized Quinoxaline-Based Polymer Acceptors for All-Polymer Solar Cells and Organic Transistors. <i>ChemSusChem</i> , 2021, 14, 3520-3527.	6.8	20
6	Importance of device structure and interlayer design in storage stability of naphthalene diimide-based all-polymer solar cells. <i>Journal of Materials Chemistry A</i> , 2020, 8, 3735-3745.	10.3	12
7	Effects of the Selective Alkoxy Side Chain Position in Quinoxaline-Based Polymer Acceptors on the Performance of All-Polymer Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 47817-47825.	8.0	11