

# Wen Wang

## List of Publications by Year in descending order

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22  
papers

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citations

1040056

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h-index

1058476

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docs citations

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times ranked

297  
citing authors

#	ARTICLE	IF	CITATIONS
1	Significant Enhancement of Illumination Stability of Nonfullerene Organic Solar Cells via an Aqueous Polyethylenimine Modification. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 2607-2614.	4.6	41
2	Enhancing performance and stability of perovskite solar cells through defect passivation with a polyamide derivative obtained from benzoxazine-isocyanide chemistry. <i>Chemical Engineering Journal</i> , 2022, 431, 133951.	12.7	27
3	Substituent effects on direct arylation polycondensation and optical properties of alternating fluorene-thiophene copolymers. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2015, 33, 783-791.	3.8	19
4	Naphthalene diimide-based random terpolymer for efficient all-polymer solar cells with high open circuit voltage. <i>Dyes and Pigments</i> , 2017, 146, 169-177.	3.7	19
5	Photoactive layer crosslinking in all-polymer solar cells: Stabilized morphology and enhanced thermal-stability. <i>Solar Energy Materials and Solar Cells</i> , 2019, 200, 109982.	6.2	16
6	Synthesis of new conjugated polymers with coordinated praseodymium complexes for polymer memory devices. <i>RSC Advances</i> , 2017, 7, 18384-18391.	3.6	13
7	Bicomponent Random Approach for the Synthesis of Donor Polymers for Efficient All-Polymer Solar Cells Processed from A Green Solvent. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 43441-43451.	8.0	13
8	Synthesis of A low-bandgap polymer-based thieno[3,4-b]pyrazine and benzo[1,2-b:4,5-b']dithiophene for polymer solar cells. <i>Polymer Bulletin</i> , 2017, 74, 603-614.	3.3	11
9	Modifying polymer PM6 by incorporating a third component for an enhanced short-circuit current density. <i>Journal of Materials Chemistry C</i> , 2022, 10, 2026-2033.	5.5	11
10	A synergetic effect of an alkyl-thiophene ĩ€-bridge and side chain modification on device performances for stable all-polymer solar cells with high PCE. <i>Journal of Materials Chemistry C</i> , 2018, 6, 8418-8428.	5.5	10
11	Highly thermally stable all-polymer solar cells enabled by photo-crosslinkable bromine-functionalized polymer donors. <i>Solar Energy</i> , 2020, 201, 489-498.	6.1	10
12	Boosting the overall stability of organic solar cells by crosslinking vinyl-functionalized polymer derived from PM6. <i>Materials Chemistry Frontiers</i> , 2022, 6, 1150-1160.	5.9	8
13	New n-Type Copolymers Based on Pentafluorobenzene-Substituted Thieno [3,4-c] Pyrrole-4,6-dione for All-Polymer Solar Cells. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2015, 52, 892-900.	2.2	7
14	Synthesis of Bithiophene-Based D-A1-D-A2 Terpolymers with Different A2 Moieties for Polymer Solar Cells via Direct Arylation. <i>Polymers</i> , 2019, 11, 55.	4.5	7
15	Simple synthesis of novel terthiophene-based D-A <sub>1</sub> -A <sub>2</sub> polymers for polymer solar cells. <i>RSC Advances</i> , 2016, 6, 86276-86284.	3.6	6
16	Brominated Small-Molecule Acceptors with a Simple Non-fused Framework for Efficient Organic Solar Cells. <i>ACS Applied Energy Materials</i> , 2021, 4, 4805-4814.	5.1	6
17	Dithienylmaleimide-based D-A Conjugated Polymer Film: Photo-Responsive Behavior and Application in Electrical Memory and Logic Gates. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2021, 39, 1177-1184.	3.8	6
18	Enhanced thermo-stability and luminescent property of D-A copolymer based on fluorene and thieno[3,4-c]pyrrole-4,6-dione by incorporation of pentafluorobenzene group. <i>Macromolecular Research</i> , 2015, 23, 30-37.	2.4	4

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19	Catalysis Studies of Macroreticular Polystyrene Cation-Exchange Resin with Terminal Perfluoroalkanesulfonic Acids. <i>Journal of the Chinese Chemical Society</i> , 2013, 60, 261-266.	1.4	3
20	Synthesis and photoelectric properties of new Pr-bonded polymers by coordination of isopropoxide and bipyridine unit. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2017, 35, 342-353.	3.8	2
21	Synthesis of Novel Pr-bonded Polymers with Phenanthroline Units for Polymer Memory Devices. <i>Chemistry Letters</i> , 2019, 48, 1433-1436.	1.3	2
22	Praseodymium-Containing Polyfluorene: Synthesis, Photoluminescence, and Electroluminescence. <i>Journal of Electronic Materials</i> , 0, , 1.	2.2	1