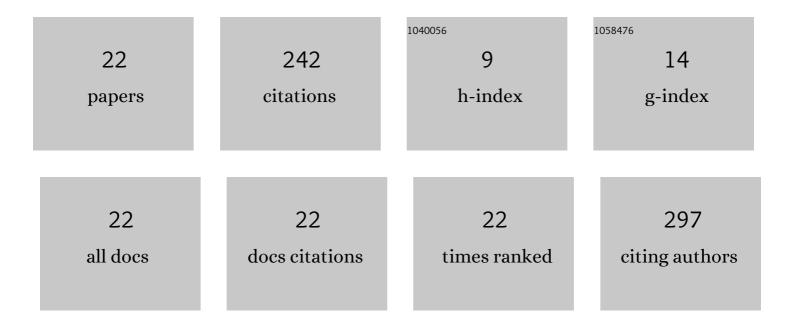
Wen Wang

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Modifying polymer PM6 by incorporating a third component for an enhanced short-circuit current density. Journal of Materials Chemistry C, 2022, 10, 2026-2033.	5.5	11
2	Enhancing performance and stability of perovskite solar cells through defect passivation with a polyamide derivative obtained from benzoxazine-isocyanide chemistry. Chemical Engineering Journal, 2022, 431, 133951.	12.7	27
3	Boosting the overall stability of organic solar cells by crosslinking vinyl-functionalized polymer derived from PM6. Materials Chemistry Frontiers, 2022, 6, 1150-1160.	5.9	8
4	Significant Enhancement of Illumination Stability of Nonfullerene Organic Solar Cells via an Aqueous Polyethylenimine Modification. Journal of Physical Chemistry Letters, 2021, 12, 2607-2614.	4.6	41
5	Brominated Small-Molecule Acceptors with a Simple Non-fused Framework for Efficient Organic Solar Cells. ACS Applied Energy Materials, 2021, 4, 4805-4814.	5.1	6
6	Dithienylmaleimide-based D-A Conjugated Polymer Film: Photo-Responsive Behavior and Application in Electrical Memory and Logic Gates. Chinese Journal of Polymer Science (English Edition), 2021, 39, 1177-1184.	3.8	6
7	Highly thermally stable all-polymer solar cells enabled by photo-crosslinkable bromine-functionalized polymer donors. Solar Energy, 2020, 201, 489-498.	6.1	10
8	Bicomponent Random Approach for the Synthesis of Donor Polymers for Efficient All-Polymer Solar Cells Processed from A Green Solvent. ACS Applied Materials & Interfaces, 2019, 11, 43441-43451.	8.0	13
9	Synthesis of Novel Pr-bonded Polymers with Phenanthroline Units for Polymer Memory Devices. Chemistry Letters, 2019, 48, 1433-1436.	1.3	2
10	Photoactive layer crosslinking in all-polymer solar cells: Stabilized morphology and enhanced thermal-stability. Solar Energy Materials and Solar Cells, 2019, 200, 109982.	6.2	16
11	Synthesis of Bithiophene-Based D-A1-D-A2 Terpolymers with Different A2 Moieties for Polymer Solar Cells via Direct Arylation. Polymers, 2019, 11, 55.	4.5	7
12	A synergetic effect of an alkyl-thiophene π-bridge and side chain modification on device performances for stable all-polymer solar cells with high PCE. Journal of Materials Chemistry C, 2018, 6, 8418-8428.	5.5	10
13	Synthesis and photoelectric properties of new Pr-bonded polymers by coordination of isopropyloxide and bipyridine unit. Chinese Journal of Polymer Science (English Edition), 2017, 35, 342-353.	3.8	2
14	Synthesis of new conjugated polymers with coordinated praseodymium complexes for polymer memory devices. RSC Advances, 2017, 7, 18384-18391.	3.6	13
15	Naphthalene diimide-based random terpolymer for efficient all-polymer solar cells with high open circuit voltage. Dyes and Pigments, 2017, 146, 169-177.	3.7	19
16	Synthesis of D–A low-bandgap polymer-based thieno[3,4-b]pyrazine and benzo[1,2-b:4,5-b′]dithiophene for polymer solar cells. Polymer Bulletin, 2017, 74, 603-614.	3.3	11
17	Simple synthesis of novel terthiophene-based D–A ₁ –D–A ₂ polymers for polymer solar cells. RSC Advances, 2016, 6, 86276-86284.	3.6	6
18	Substituent effects on direct arylation polycondensation and optical properties of alternating fluorene-thiophene copolymers. Chinese Journal of Polymer Science (English Edition), 2015, 33, 783-791.	3.8	19

Wen Wang

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19	Enhanced thermo-stability and luminecent property of D-A copolymer based on fluorene and thieno[3,4-c]pyrrole-4,6-dione by incorporation of pentafluorobenzene group. Macromolecular Research, 2015, 23, 30-37.	2.4	4
20	New n-Type Copolymers Based on Pentafluorobenzene-Substituted Thieno [3,4-c] Pyrrole-4,6-dione for All-Polymer Solar Cells. Journal of Macromolecular Science - Pure and Applied Chemistry, 2015, 52, 892-900.	2.2	7
21	Catalysis Studies of Macroreticular Polystyrene Cationâ€exchange Resin with Terminal Perfluoroalkanesulfonic Acids. Journal of the Chinese Chemical Society, 2013, 60, 261-266.	1.4	3
22	Praseodymium-Containing Polyfluorene: Synthesis, Photoluminescence, and Electroluminescence. Journal of Electronic Materials, 0, , 1.	2.2	1