

# Hyeongjin Hwang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12054988/publications.pdf>

Version: 2024-02-01

12  
papers

305  
citations

933447

10  
h-index

1199594

12  
g-index

12  
all docs

12  
docs citations

12  
times ranked

575  
citing authors

#	ARTICLE	IF	CITATIONS
1	Two-Dimensionally Extended $\pi$ -Conjugation of Donor-Acceptor Copolymers via Oligothieryl Side Chains for Efficient Polymer Solar Cells. <i>Macromolecules</i> , 2015, 48, 1723-1735.	4.8	69
2	Medium-Bandgap Conjugated Polymers Containing Fused Dithienobenzochalcogenadiazoles: Chalcogen Atom Effects on Organic Photovoltaics. <i>Macromolecules</i> , 2016, 49, 9358-9370.	4.8	40
3	Positional effects of fluorination in conjugated side chains on photovoltaic properties of donor-acceptor copolymers. <i>Chemical Communications</i> , 2017, 53, 1176-1179.	4.1	36
4	Ternary Organic Solar Cells Based on a Wide-Bandgap Polymer with Enhanced Power Conversion Efficiencies. <i>Scientific Reports</i> , 2019, 9, 12081.	3.3	36
5	Energy Level Engineering of Donor Polymers via Inductive and Resonance Effects for Polymer Solar Cells: Effects of Cyano and Alkoxy Substituents. <i>Chemistry of Materials</i> , 2015, 27, 6858-6868.	6.7	32
6	Synergistic effects of an alkylthieno[3,2-b]thiophene $\pi$ -bridging backbone extension on the photovoltaic performances of donor-acceptor copolymers. <i>Journal of Materials Chemistry A</i> , 2017, 5, 10269-10279.	10.3	23
7	High absorption coefficient $\pi$ -conjugation-extended donor-acceptor copolymers for ternary-blend solar cells. <i>Organic Electronics</i> , 2020, 83, 105738.	2.6	19
8	Fluorine-functionalization of an isoindoline-1,3-dione-based conjugated polymer for organic solar cells. <i>Organic Electronics</i> , 2018, 59, 247-252.	2.6	13
9	Electrohydrodynamic-Jet-Printed Phthalimide-Derived Conjugated Polymers for Organic Field-Effect Transistors and Logic Gates. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 7073-7081.	8.0	12
10	Effects of conformational symmetry in conjugated side chains on intermolecular packing of conjugated polymers and photovoltaic properties. <i>RSC Advances</i> , 2015, 5, 106044-106052.	3.6	11
11	Charge Recycling Mechanism Through a Triplet Charge-Transfer State in Ternary-Blend Organic Solar Cells Containing a Nonfullerene Acceptor. <i>ACS Energy Letters</i> , 2021, 6, 2610-2618.	17.4	9
12	$\pi$ -Extended donor-acceptor conjugated copolymers for use as hole transporting materials in perovskite solar cells. <i>Organic Electronics</i> , 2020, 87, 105943.	2.6	5