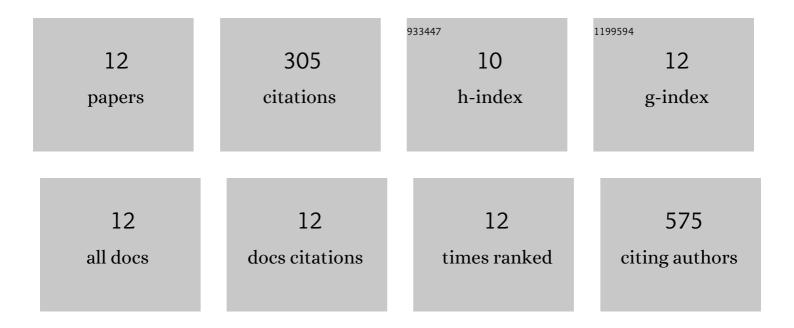
Hyeongjin Hwang

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Two-Dimensionally Extended π-Conjugation of Donor–Acceptor Copolymers via Oligothienyl Side Chains for Efficient Polymer Solar Cells. Macromolecules, 2015, 48, 1723-1735.	4.8	69
2	Medium-Bandgap Conjugated Polymers Containing Fused Dithienobenzochalcogenadiazoles: Chalcogen Atom Effects on Organic Photovoltaics. Macromolecules, 2016, 49, 9358-9370.	4.8	40
3	Positional effects of fluorination in conjugated side chains on photovoltaic properties of donor–acceptor copolymers. Chemical Communications, 2017, 53, 1176-1179.	4.1	36
4	Ternary Organic Solar Cells Based on a Wide-Bandgap Polymer with Enhanced Power Conversion Efficiencies. Scientific Reports, 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. Chemistry of Materials, 2015, 27, 6858-6868.	6.7	32
6	Synergistic effects of an alkylthieno[3,2-b]thiophene π-bridging backbone extension on the photovoltaic performances of donor–acceptor copolymers. Journal of Materials Chemistry A, 2017, 5, 10269-10279.	10.3	23
7	High absorption coefficient π-conjugation-extended donor-acceptor copolymers for ternary-blend solar cells. Organic Electronics, 2020, 83, 105738.	2.6	19
8	Fluorine-functionalization of an isoindoline-1,3-dione-based conjugated polymer for organic solar cells. Organic Electronics, 2018, 59, 247-252.	2.6	13
9	Electrohydrodynamic-Jet-Printed Phthalimide-Derived Conjugated Polymers for Organic Field-Effect Transistors and Logic Gates. ACS Applied Materials & Interfaces, 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. RSC Advances, 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. ACS Energy Letters, 2021, 6, 2610-2618.	17.4	9
12	Ï€-Extended donor-acceptor conjugated copolymers for use as hole transporting materials in perovskite solar cells. Organic Electronics, 2020, 87, 105943.	2.6	5