Soon-Hyeok Hwang

List of Publications by Year
in descending order

10	160	1307594 7	1372567 10
papers	citations	h-index	g-index

10	10	10	123
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Universal Suzukiâ€“Miyaura Catalyst-Transfer Polymerization for Precision Synthesis of Strong Donor/Acceptor-Based Conjugated Polymers and Their Sequence Engineering. Journal of the American Chemical Society, 2021, 143, 11180-11190.	13.7	40
2	RuPhos Pd Precatalyst and MIDA Boronate as an Effective Combination for the Precision Synthesis of Poly(3-hexylthiophene): Systematic Investigation of the Effects of Boronates, Halides, and Ligands. Macromolecules, 2020, 53, 3306-3314.	4.8	26
3	Iridiumâ€Catalyzed Direct Câˆ’H Amidation Polymerization: Stepâ€Growth Polymerization by Câˆ’N Bond Formation via Câˆ’H Activation to Give Fluorescent Polysulfonamides. Angewandte Chemie - International Edition, 2017, 56, 14474-14478.	13.8	22
4	Powerful Direct Câ€“H Amidation Polymerization Affords Single-Fluorophore-Based White-Light-Emitting Polysulfonamides by Fine-Tuning Hydrogen Bonds. Journal of the American Chemical Society, 2022, 144, 1778-1785.	13.7	22
5	Synchronous Preparation of Length-Controllable 1D Nanoparticles via Crystallization-Driven In Situ Nanoparticlization of Conjugated Polymers. Journal of the American Chemical Society, 2022, 144, 5921-5929.	13.7	15
6	Iridium-Catalyzed Direct Câ€“H Amidation Producing Multicolor Fluorescent Molecules Emitting Blue-to-Red Light and White Light. Organic Letters, 2020, 22, 2935-2940.	4.6	12
7	Modulating the Rate of Controlled Suzukiâ€“Miyaura Catalyst-Transfer Polymerization by Boronate Tuning. Macromolecules, 2022, 55, 3476-3483.	4.8	8
8	Tandem diaza-Cope rearrangement polymerization: turning intramolecular reaction into powerful polymerization to give enantiopure materials for Zn²⁺ sensors. Chemical Science, 2021, 12, 2404-2409.	7.4	6
9	Iridiumâ€Catalyzed Direct Câˆ’H Amidation Polymerization: Stepâ€Growth Polymerization by Câˆ’N Bond Formation via Câˆ’H Activation to Give Fluorescent Polysulfonamides. Angewandte Chemie, 2017, 129, 14666-14670.	2.0	5
10	Library of Fluorescent Polysulfonamides and Polyamide Synthesized by Iridium-Catalyzed Direct Câ€“H Amidation Polymerization. Macromolecules, 2018, 51, 7476-7482.	4.8	4