

Ki-Young Yoon

List of Publications by Year in descending order

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14
papers

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840776

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citing authors

#	ARTICLE	IF	CITATIONS
1	One-Pot in Situ Fabrication of Stable Nanocaterpillars Directly from Polyacetylene Diblock Copolymers Synthesized by Mild Ring-Opening Metathesis Polymerization. <i>Journal of the American Chemical Society</i> , 2012, 134, 14291-14294.	13.7	99
2	Nanostar and Nanonetwork Crystals Fabricated by in Situ Nanoparticlization of Fully Conjugated Polythiophene Diblock Copolymers. <i>Journal of the American Chemical Society</i> , 2013, 135, 17695-17698.	13.7	75
3	A modular synthetic approach for band-gap engineering of armchair graphene nanoribbons. <i>Nature Communications</i> , 2018, 9, 1687.	12.8	59
4	Efficient Bottom-Up Preparation of Graphene Nanoribbons by Mild Suzuki-Miyaura Polymerization of Simple Triaryl Monomers. <i>Chemistry - A European Journal</i> , 2016, 22, 9116-9120.	3.3	55
5	Simple Preparation of Various Nanostructures via <i>in Situ</i> Nanoparticlization of Polyacetylene Blocklike Copolymers by One-Shot Polymerization. <i>Macromolecules</i> , 2015, 48, 1390-1397.	4.8	53
6	Liquid-phase bottom-up synthesis of graphene nanoribbons. <i>Materials Chemistry Frontiers</i> , 2020, 4, 29-45.	5.9	47
7	Sulfenamide-enabled ortho thiolation of aryl iodides via palladium/norbornene cooperative catalysis. <i>Nature Communications</i> , 2019, 10, 3555.	12.8	43
8	Modular <i>In Situ</i> Functionalization Strategy: Multicomponent Polymerization by Palladium/Norbornene Cooperative Catalysis. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 8592-8596.	13.8	39
9	Synthesis and Activity of Six-Membered Cyclic Alkyl Amino Carbene-Ruthenium Olefin Metathesis Catalysts. <i>Organometallics</i> , 2020, 39, 495-499.	2.3	29
10	One-Pot Preparation of 3D Nano- and Microaggregates via In Situ Nanoparticlization of Polyacetylene Diblock Copolymers Produced by ROMP. <i>Macromolecular Rapid Communications</i> , 2015, 36, 1069-1074.	3.9	25
11	Preparation of defect-free nanocaterpillars via in situ nanoparticlisation of a well-defined polyacetylene block copolymer. <i>RSC Advances</i> , 2014, 4, 49180-49185.	3.6	22
12	Three-Step Synthesis of a Less-Aggregated Water-Soluble Poly(<i>p</i> -phenylene ethynylene) with <i>Meta</i> Side Chains via Palladium/Norbornene Cooperative Catalysis. <i>Macromolecules</i> , 2019, 52, 1663-1670.	4.8	11
13	Multicomponent Polymerization for π -Conjugated Polymers. <i>Macromolecular Rapid Communications</i> , 2021, 42, 2000646.	3.9	8
14	Modular <i>In Situ</i> Functionalization Strategy: Multicomponent Polymerization by Palladium/Norbornene Cooperative Catalysis. <i>Angewandte Chemie</i> , 2018, 130, 8728-8732.	2.0	5