

# Sanghee Yang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1410657/publications.pdf>

Version: 2024-02-01

14  
papers

386  
citations

840776

11  
h-index

1058476

14  
g-index

15  
all docs

15  
docs citations

15  
times ranked

415  
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct Formation of Large-Area 2D Nanosheets from Fluorescent Semiconducting Homopolymer with Orthorhombic Crystalline Orientation. <i>Journal of the American Chemical Society</i> , 2017, 139, 3082-3088.	13.7	58
2	Synthesis of Functional Polyacetylenes via Cyclopolymerization of Diyne Monomers with Grubbs-type Catalysts. <i>Accounts of Chemical Research</i> , 2019, 52, 994-1005.	15.6	57
3	Morphologically Tunable Square and Rectangular Nanosheets of a Simple Conjugated Homopolymer by Changing Solvents. <i>Journal of the American Chemical Society</i> , 2019, 141, 19138-19143.	13.7	52
4	Semi-conducting 2D rectangles with tunable length via uniaxial living crystallization-driven self-assembly of homopolymer. <i>Nature Communications</i> , 2021, 12, 2602.	12.8	47
5	Rapid formation and real-time observation of micron-sized conjugated nanofibers with tunable lengths and widths in 20 minutes by living crystallization-driven self-assembly. <i>Chemical Science</i> , 2020, 11, 8416-8424.	7.4	32
6	Conformation of Tunable Nanocylinders: Up to Sixth-Generation Dendronized Polymers via Graft-Through Approach by ROMP. <i>Macromolecules</i> , 2019, 52, 3342-3350.	4.8	25
7	Preparing Semiconducting Nanoribbons with Tunable Length and Width via Crystallization-Driven Self-Assembly of a Simple Conjugated Homopolymer. <i>Journal of the American Chemical Society</i> , 2018, 140, 17218-17225.	13.7	22
8	Mechanistic Investigations on the Competition between the Cyclopolymerization and [2 + 2 + 2] Cycloaddition of 1,6-Heptadiyne Derivatives Using Second-Generation Grubbs Catalysts. <i>Macromolecules</i> , 2016, 49, 6240-6250.	4.8	21
9	Spontaneous evolution of nanostructures by light-driven growth of micelles obtained from <i>in situ</i> nanoparticlization of conjugated polymers. <i>Journal of Polymer Science Part A</i> , 2017, 55, 3058-3066.	2.3	17
10	Influence of Grafting Density on Ultrasound-Induced Backbone and Arm Scission of Graft Copolymers. <i>Macromolecules</i> , 2021, 54, 4219-4226.	4.8	16
11	Synchronous Preparation of Length-Controllable 1D Nanoparticles via Crystallization-Driven <i>In Situ</i> Nanoparticlization of Conjugated Polymers. <i>Journal of the American Chemical Society</i> , 2022, 144, 5921-5929.	13.7	15
12	Direct formation of nano-objects <i>via in situ</i> self-assembly of conjugated polymers. <i>Polymer Chemistry</i> , 2021, 12, 1393-1403.	3.9	11
13	Fabrication of Semiconducting Nanoribbons with Tunable Length and Width via Crystallization-Driven Self-Assembly of a Homopolymer Prepared by Cyclopolymerization Using Grubbs Catalyst. <i>Macromolecules</i> , 2022, 55, 3484-3492.	4.8	7
14	Polymers producing hydrogen. <i>Nature Chemistry</i> , 2020, 12, 1093-1095.	13.6	6