

# Hyun Suk Wang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3600092/publications.pdf>

Version: 2024-02-01

10  
papers

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citations

1040056

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1372567

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12  
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docs citations

12  
times ranked

522  
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent Developments and Future Challenges in Controlled Radical Polymerization: A 2020 Update. <i>CheM</i> , 2020, 6, 1575-1588.	11.7	313
2	Reversing RAFT Polymerization: Near-Quantitative Monomer Generation Via a Catalyst-Free Depolymerization Approach. <i>Journal of the American Chemical Society</i> , 2022, 144, 4678-4684.	13.7	91
3	Thermal Approaches to Perpendicular Block Copolymer Microdomains in Thin Films: A Review and Appraisal. <i>Macromolecular Rapid Communications</i> , 2019, 40, e1800728.	3.9	30
4	Photoinduced Iron-Catalyzed ATRP of Renewable Monomers in Low-Toxicity Solvents: A Greener Approach. <i>ACS Macro Letters</i> , 2022, 11, 841-846.	4.8	25
5	Controlling dispersity in aqueous atom transfer radical polymerization: rapid and quantitative synthesis of one-pot block copolymers. <i>Chemical Science</i> , 2021, 12, 14376-14382.	7.4	22
6	Architectural Effects of Organic Nanoparticles on Block Copolymer Orientation. <i>Macromolecules</i> , 2017, 50, 5025-5032.	4.8	20
7	Three-Dimensional Multilayered Nanostructures from Crosslinkable Block Copolymers. <i>ACS Macro Letters</i> , 2016, 5, 287-291.	4.8	14
8	Nanoparticles as structure-directing agents for controlling the orientation of block copolymer microdomain in thin films. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2016, 54, 118-127.	2.1	10
9	Controlling the microdomain orientation in block copolymer thin films via cross-linkable random copolymer neutral layer. <i>Polymer Journal</i> , 2016, 48, 333-340.	2.7	10
10	High-Fidelity, Sub-5 nm Patterns from High- $\chi$ Block Copolymer Films with Vapor-Deposited Ultrathin, Cross-Linked Surface Modification Layers. <i>Macromolecular Rapid Communications</i> , 2020, 41, e1900514.	3.9	7