

# Seunghyun Sim

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4422412/publications.pdf>

Version: 2024-02-01

8  
papers

216  
citations

1307594

7  
h-index

1720034

7  
g-index

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8  
docs citations

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times ranked

370  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tailoring Micrometer-Long High-Integrity 1D Array of Superparamagnetic Nanoparticles in a Nanotubular Protein Jacket and Its Lateral Magnetic Assembling Behavior. <i>Journal of the American Chemical Society</i> , 2015, 137, 4658-4661.	13.7	53
2	Protein Nanotube Selectively Cleavable with DNA: Supramolecular Polymerization of $\alpha$ -DNA-Appended Molecular Chaperones. <i>Journal of the American Chemical Society</i> , 2018, 140, 26-29.	13.7	53
3	Directional Assembly of $\beta$ -Helical Peptides Induced by Cyclization. <i>Journal of the American Chemical Society</i> , 2012, 134, 20270-20272.	13.7	33
4	Supramolecular Nanotube of Chaperonin GroEL: Length Control for Cellular Uptake Using Single-Ring GroEL Mutant as End-Capper. <i>Journal of the American Chemical Society</i> , 2016, 138, 11152-11155.	13.7	28
5	Swallowing a Surgeon: Toward Clinical Nanorobots. <i>Accounts of Chemical Research</i> , 2017, 50, 492-497.	15.6	27
6	Molecularly Engineered $\alpha$ -Janus GroEL. Application to Supramolecular Copolymerization with a Higher Level of Sequence Control. <i>Journal of the American Chemical Society</i> , 2020, 142, 13310-13315.	13.7	13
7	Programmable Living Materials Constructed with the Dynamic Covalent Interface between Synthetic Polymers and Engineered <i>B. subtilis</i> . <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 20729-20738.	8.0	9
8	Correction to $\alpha$ -Programmable Living Materials Constructed with the Dynamic Covalent Interface between Synthetic Polymers and Engineered <i>B. subtilis</i> . <i>ACS Applied Materials &amp; Interfaces</i> , 0, , .	8.0	0