

# Yongju Kim

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5201834/publications.pdf>

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33  
papers

1,194  
citations

394421

19  
h-index

414414

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g-index

33  
all docs

33  
docs citations

33  
times ranked

1452  
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of Toroidal Nanostructures by Self-Assembly: Rational Designs and Applications. <i>Accounts of Chemical Research</i> , 2013, 46, 2888-2897.	15.6	144
2	Supramolecular Switching between Flat Sheets and Helical Tubules Triggered by Coordination Interaction. <i>Journal of the American Chemical Society</i> , 2013, 135, 2156-2159.	13.7	97
3	Collective helicity switching of a DNA-coat assembly. <i>Nature Nanotechnology</i> , 2017, 12, 551-556.	31.5	97
4	Homochiral porous nanosheets for enantiomer sieving. <i>Nature Materials</i> , 2018, 17, 599-604.	27.5	90
5	Supramolecular Chiral 2D Materials and Emerging Functions. <i>Advanced Materials</i> , 2020, 32, e1905669.	21.0	77
6	Regioselective Synthesis of Tetrasubstituted Pyrroles by 1,3-Dipolar Cycloaddition and Spontaneous Decarboxylation. <i>Organic Letters</i> , 2009, 11, 17-20.	4.6	59
7	Intelligent supramolecular assembly of aromatic block molecules in aqueous solution. <i>Nanoscale</i> , 2013, 5, 7711.	5.6	56
8	Open-closed switching of synthetic tubular pores. <i>Nature Communications</i> , 2015, 6, 8650.	12.8	55
9	Switchable Nanoporous Sheets by the Aqueous Self-Assembly of Aromatic Macrobicycles. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 6426-6429.	13.8	54
10	Reversible, Short $\beta$ -Peptide Assembly for Controlled Capture and Selective Release of Enantiomers. <i>Journal of the American Chemical Society</i> , 2016, 138, 5773-5776.	13.7	48
11	Guest-Driven Inflation of Self-Assembled Nanofibers through Hollow Channel Formation. <i>Journal of the American Chemical Society</i> , 2014, 136, 16152-16155.	13.7	39
12	Spontaneous Capture of Carbohydrate Guests through Folding and Zipping of Self-Assembled Ribbons. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 2382-2386.	13.8	39
13	Autonomous helical propagation of active toroids with mechanical action. <i>Nature Communications</i> , 2019, 10, 1080.	12.8	35
14	Supramolecular Two-Dimensional Systems and Their Biological Applications. <i>Advanced Materials</i> , 2020, 32, e2002405.	21.0	32
15	Efficient Discovery of Selective Small Molecule Agonists of Estrogen-Related Receptor $\beta$ using Combinatorial Approach. <i>ACS Combinatorial Science</i> , 2009, 11, 928-937.	3.3	30
16	From self-assembled toroids to dynamic nanotubules. <i>Polymer Chemistry</i> , 2013, 4, 1300-1308.	3.9	28
17	Static and Dynamic Nanosheets from Selective Assembly of Geometric Macrocyclic Isomers. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 13122-13126.	13.8	28
18	Anti-Inflammatory Effects of $\beta$ -Galactosylceramide Analogs in Activated Microglia: Involvement of the p38 MAPK Signaling Pathway. <i>PLoS ONE</i> , 2014, 9, e87030.	2.5	27

#	ARTICLE	IF	CITATIONS
19	Switchable Nanoporous Sheets by the Aqueous Self-Assembly of Aromatic Macrobicycles. <i>Angewandte Chemie</i> , 2013, 125, 6554-6557.	2.0	22
20	Assembly-disassembly switching of self-sorted nanotubes forming dynamic 2-D porous heterostructure. <i>Chemical Communications</i> , 2018, 54, 3102-3105.	4.1	19
21	Porous Nanosheet Assembly for Macrocyclization and Self-Release. <i>Journal of the American Chemical Society</i> , 2020, 142, 1904-1910.	13.7	19
22	Supramolecular Capsules from Bilayer Membrane Scission Driven by Corannulene. <i>Chemistry - A European Journal</i> , 2015, 21, 5736-5740.	3.3	17
23	Synthesis and Biological Evaluation of $\hat{\pm}$ -Galactosylceramide Analogues with Heteroaromatic Rings and Varying Positions of a Phenyl Group in the Sphingosine Backbone. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 7100-7109.	6.4	13
24	Supramolecular polymerization of spherical micelles triggered by donor-acceptor interactions. <i>Polymer Chemistry</i> , 2013, 4, 268-271.	3.9	12
25	Heteroaromatic Moieties in the Sphingosine Backbone of $\hat{\pm}$ -Galactosylceramides for Noncovalent Interactions with CD1d. <i>ACS Medicinal Chemistry Letters</i> , 2012, 3, 151-154.	2.8	11
26	Static and Dynamic Nanosheets from Selective Assembly of Geometric Macrocyclic Isomers. <i>Angewandte Chemie</i> , 2016, 128, 13316-13320.	2.0	8
27	Switching of carbohydrate nanofibers for regulating cell proliferation. <i>Soft Matter</i> , 2016, 12, 2846-2850.	2.7	8
28	Spontaneous Capture of Carbohydrate Guests through Folding and Zipping of Self-Assembled Ribbons. <i>Angewandte Chemie</i> , 2016, 128, 2428-2432.	2.0	7
29	Self-Assembly of a Tripod Aromatic Rod into Stacked Planar Networks. <i>Chemistry - A European Journal</i> , 2015, 21, 11836-11842.	3.3	6
30	Selective Anticancer Materials by Self-Assembly of Synthetic Amphiphiles Based on <i>N</i> -Acetylneuraminic Acid. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 16100-16107.	8.0	6
31	Fluorescence Turn-On Synthetic Lipid Rafts on Supramolecular Sheets and Hierarchical Concanavalin A Assembly. <i>Chemistry - an Asian Journal</i> , 2019, 14, 952-957.	3.3	5
32	Supramolecular Tubule from Seesaw Shaped Amphiphile and Its Hierarchical Evolution into Sheet. <i>Chemistry - an Asian Journal</i> , 2020, 15, 2470-2474.	3.3	5
33	Nanostructured Catalytic Reactors Produced by Supramolecular Materials Based on Aromatic Amphiphiles. <i>0</i> , 1214-1226.		1