

# Jae-Young Cho

## List of Publications by Year in descending order

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18  
papers

260  
citations

1040056

9  
h-index

1058476

14  
g-index

18  
all docs

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docs citations

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times ranked

312  
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly Efficient Antifouling Coating of Star-Shaped Block Copolymers with Variable Sizes of Hydrophobic Cores and Charge-Neutral Hydrophilic Arms. ACS Applied Polymer Materials, 2021, 3, 1116-1134.	4.4	6
2	Thermally stable core-shell star-shaped block copolymers for antifouling enhancement of water purification membranes. Journal of Membrane Science, 2020, 598, 117686.	8.2	22
3	Cellular Delivery of Plasmid DNA into Wheat Microspores Using Rosette Nanotubes. ACS Omega, 2020, 5, 24422-24433.	3.5	0
4	Cellular Delivery of Plasmid DNA into Wheat Microspores Using Rosette Nanotubes. ACS Omega, 2020, 5, 24422-24433.	3.5	10
5	High Field Solid-State NMR Spectroscopy Investigation of <sup>15</sup> N-Labeled Rosette Nanotubes: Hydrogen Bond Network and Channel-Bound Water. Journal of the American Chemical Society, 2016, 138, 6115-6118.	13.7	22
6	Fluorescent Rosette Nanotubes from the C-analogue of the Guanine-Cytosine (G <sup>+</sup> C) Motif. Materials Research Society Symposia Proceedings, 2015, 1796, 1-6.	0.1	1
7	Characterization of Nanocarrier Complexes with Plasmid DNA using SEM, TEM and AFM. Microscopy and Microanalysis, 2015, 21, 1615-1616.	0.4	0
8	Functionalized Rosette Nanotubes as Novel Electron Donor Materials for Solution-Processed Organic Photovoltaics. Materials Research Society Symposia Proceedings, 2015, 1737, 1.	0.1	4
9	Chiromers: conformation-driven mirror-image supramolecular chirality isomerism identified in a new class of helical rosette nanotubes. Nanoscale, 2014, 6, 9421-9427.	5.6	23
10	Synthesis of N-substituted Pyrido[4,3- <i>d</i> ]pyrimidines for the Large-Scale Production of Self-Assembled Rosettes and Nanotubes. Journal of Organic Chemistry, 2013, 78, 11421-11426.	3.2	14
11	Synthesis of rhenium chelated MAG3 functionalized rosette nanotubes. Tetrahedron Letters, 2012, 53, 1645-1651.	1.4	8
12	Self-Assembly of a Water-Soluble Tricyclic Heterocycle into J-Type Rosette Nanotubes. Materials Research Society Symposia Proceedings, 2011, 1312, 1.	0.1	0
13	Electrostatic and Steric Effect of Peptides Functionalized on Self-Assembled Rosette Nanotubes. Materials Research Society Symposia Proceedings, 2011, 1316, 1.	0.1	2
14	One-Pot Nucleation, Growth, Morphogenesis, and Passivation of 1.4 nm Au Nanoparticles on Self-Assembled Rosette Nanotubes. Journal of the American Chemical Society, 2010, 132, 32-33.	13.7	47
15	Rosette nanotubes with 1.4 nm inner diameter from a tricyclic variant of the Lehn-Mascal G <sup>+</sup> C base. Chemical Communications, 2010, 46, 6527.	4.1	29
16	Water-Soluble J-Type Rosette Nanotubes with Giant Molar Ellipticity. Journal of the American Chemical Society, 2010, 132, 15136-15139.	13.7	61
17	Textural and microstructural transformation of Cu damascene interconnects after annealing. Journal of Electronic Materials, 2005, 34, 506-514.	2.2	11
18	Textural Evolution of Cu Damascene Interconnects after Annealing. Materials Research Society Symposia Proceedings, 2004, 812, F8.9.1.	0.1	0