

# 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

18  
docs citations

18  
times ranked

312  
citing authors

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