

# Yongjun Li

## List of Publications by Year in descending order

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27  
papers

868  
citations

516710

16  
h-index

526287

27  
g-index

28  
all docs

28  
docs citations

28  
times ranked

1117  
citing authors

#	ARTICLE	IF	CITATIONS
1	Infrared spectroscopy of an endohedral water in fullerene. <i>Journal of Chemical Physics</i> , 2021, 154, 124311.	3.0	24
2	Dynamic Nuclear Polarization Signal Enhancement with High-Affinity Biradical Tags. <i>Journal of Physical Chemistry B</i> , 2017, 121, 1169-1175.	2.6	33
3	NMR Signal Quenching from Bound Biradical Affinity Reagents in DNP Samples. <i>Journal of Physical Chemistry B</i> , 2017, 121, 10770-10781.	2.6	24
4	Interaction of H <sub>2</sub> @C <sub>60</sub> and Nitroxide through Conformationally Constrained Peptide Bridges. <i>Photochemistry and Photobiology</i> , 2014, 90, 439-447.	2.5	3
5	Photophysics of Platinum Tetrayne Oligomers: Delocalization of Triplet Exciton. <i>Journal of Physical Chemistry A</i> , 2014, 118, 10333-10339.	2.5	9
6	Symmetry-breaking in the endofullerene H <sub>2</sub> O@C <sub>60</sub> revealed in the quantum dynamics of ortho and para-water: a neutron scattering investigation. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 21330-21339.	2.8	59
7	Nuclear spin conversion of water inside fullerene cages detected by low-temperature nuclear magnetic resonance. <i>Journal of Chemical Physics</i> , 2014, 140, 194306.	3.0	58
8	Intramolecular Triplet Energy Transfer in Anthracene-Based Platinum Acetylide Oligomers. <i>Journal of Physical Chemistry B</i> , 2013, 117, 9025-9033.	2.6	35
9	Paramagnet Enhanced Nuclear Spin Relaxation in H <sub>2</sub> O@Open-C <sub>60</sub> and H <sub>2</sub> @Open-C <sub>60</sub> . <i>Organic Letters</i> , 2013, 15, 4746-4749.	4.6	2
10	Probing the C <sub>60</sub> triplet state coupling to nuclear spins inside and out. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2013, 371, 20120475.	3.4	13
11	Nuclear spin isomers of guest molecules in H <sub>2</sub> @C <sub>60</sub> , H <sub>2</sub> O@C <sub>60</sub> and other endofullerenes. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2013, 371, 20110628.	3.4	20
12	Mechanistic and catalytic studies of nitroalcohol crosslinking with polyamine. <i>Journal of Applied Polymer Science</i> , 2013, 128, 3696-3701.	2.6	9
13	Nuclear Magnetic Resonance of Hydrogen Molecules Trapped inside C <sub>70</sub> Fullerene Cages. <i>ChemPhysChem</i> , 2013, 14, 3121-3130.	2.1	11
14	Predicting the paramagnet-enhanced NMR relaxation of H <sub>2</sub> encapsulated in endofullerene nitroxides by density-functional theory calculations. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2013, 371, 20110634.	3.4	5
15	Synthesis, Isomer Count, and Nuclear Spin Relaxation of H <sub>2</sub> O@Open-C <sub>60</sub> Nitroxide Derivatives. <i>Organic Letters</i> , 2012, 14, 3822-3825.	4.6	10
16	Quantum rotation of ortho and para-water encapsulated in a fullerene cage. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 12894-12898.	7.1	135
17	Effect of Orientation of the Peptide-Bridge Dipole Moment on the Properties of Fullerene-Peptide Radical Systems. <i>Journal of the American Chemical Society</i> , 2012, 134, 10628-10637.	13.7	32
18	ENDOR Evidence of Electron-H <sub>2</sub> Interaction in a Fullerene Embedding H <sub>2</sub> . <i>Journal of the American Chemical Society</i> , 2012, 134, 12881-12884.	13.7	6

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19	Comparison of Nuclear Spin Relaxation of H <sub>2</sub> O@C <sub>60</sub> and H <sub>2</sub> @C <sub>60</sub> and Their Nitroxide Derivatives. <i>Journal of Physical Chemistry Letters</i> , 2012, 3, 1165-1168.	4.6	36
20	Brush-First Method for the Parallel Synthesis of Photocleavable, Nitroxide-Labeled Poly(ethylene) Tj ETQq 0,0 rBT /Overlock 10	13.7	106
21	Using EPR To Compare PEG- <i>branch</i> -nitroxide Bivalent-Brush Polymers and Traditional PEG Bottle Brush Polymers: Branching Makes a Difference. <i>Macromolecules</i> , 2012, 45, 8310-8318.	4.8	46
22	Synthesis and characterization of bispyrrolidine derivatives of H <sub>2</sub> @C <sub>60</sub> : differentiation of isomers using 1H NMR spectroscopy of endohedral H <sub>2</sub> . <i>Chemical Communications</i> , 2011, 47, 2282-2284.	4.1	9
23	Indirect 1H NMR characterization of H <sub>2</sub> @C <sub>60</sub> nitroxide derivatives and their nuclear spin relaxation. <i>Chemical Communications</i> , 2011, 47, 12527.	4.1	15
24	Distance-Dependent para-H <sub>2</sub> to ortho-H <sub>2</sub> Conversion in H <sub>2</sub> @C <sub>60</sub> Derivatives Covalently Linked to a Nitroxide Radical. <i>Journal of Physical Chemistry Letters</i> , 2011, 2, 741-744.	4.6	24
25	EPR Study of Spin Labeled Brush Polymers in Organic Solvents. <i>Journal of the American Chemical Society</i> , 2011, 133, 19953-19959.	13.7	76
26	A Magnetic Switch for Spin-Catalyzed Interconversion of Nuclear Spin Isomers. <i>Journal of the American Chemical Society</i> , 2010, 132, 4042-4043.	13.7	32
27	Distance-Dependent Paramagnet-Enhanced Nuclear Spin Relaxation of H <sub>2</sub> @C <sub>60</sub> Derivatives Covalently Linked to a Nitroxide Radical. <i>Journal of Physical Chemistry Letters</i> , 2010, 1, 2135-2138.	4.6	36