

Yongjun Li

List of Publications by Year in descending order

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papers

868
citations

516561

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docs citations

28
times ranked

1117
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantum rotation of <i>ortho</i> and <i>para</i> -water encapsulated in a fullerene cage. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 12894-12898.	3.3	135
2	Brush-First Method for the Parallel Synthesis of Photocleavable, Nitroxide-Labeled Poly(ethylene) Tj ETQq0 0.0 rgBT /Overlock 10	6.6	106
3	EPR Study of Spin Labeled Brush Polymers in Organic Solvents. Journal of the American Chemical Society, 2011, 133, 19953-19959.	6.6	76
4	Symmetry-breaking in the endofullerene H ₂ O@C ₆₀ revealed in the quantum dynamics of ortho and para-water: a neutron scattering investigation. Physical Chemistry Chemical Physics, 2014, 16, 21330-21339.	1.3	59
5	Nuclear spin conversion of water inside fullerene cages detected by low-temperature nuclear magnetic resonance. Journal of Chemical Physics, 2014, 140, 194306.	1.2	58
6	Using EPR To Compare PEG-branch-nitroxide Bivalent-Brush Polymers and Traditional PEG Bottle Brush Polymers: Branching Makes a Difference. Macromolecules, 2012, 45, 8310-8318.	2.2	46
7	Distance-Dependent Paramagnet-Enhanced Nuclear Spin Relaxation of H ₂ @C ₆₀ Derivatives Covalently Linked to a Nitroxide Radical. Journal of Physical Chemistry Letters, 2010, 1, 2135-2138.	2.1	36
8	Comparison of Nuclear Spin Relaxation of H ₂ O@C ₆₀ and H ₂ @C ₆₀ and Their Nitroxide Derivatives. Journal of Physical Chemistry Letters, 2012, 3, 1165-1168.	2.1	36
9	Intramolecular Triplet Energy Transfer in Anthracene-Based Platinum Acetylide Oligomers. Journal of Physical Chemistry B, 2013, 117, 9025-9033.	1.2	35
10	Dynamic Nuclear Polarization Signal Enhancement with High-Affinity Biradical Tags. Journal of Physical Chemistry B, 2017, 121, 1169-1175.	1.2	33
11	A Magnetic Switch for Spin-Catalyzed Interconversion of Nuclear Spin Isomers. Journal of the American Chemical Society, 2010, 132, 4042-4043.	6.6	32
12	Effect of Orientation of the Peptide-Bridge Dipole Moment on the Properties of Fullerene Peptide Radical Systems. Journal of the American Chemical Society, 2012, 134, 10628-10637.	6.6	32
13	Distance-Dependent para-H ₂ ortho-H ₂ Conversion in H ₂ @C ₆₀ Derivatives Covalently Linked to a Nitroxide Radical. Journal of Physical Chemistry Letters, 2011, 2, 741-744.	2.1	24
14	NMR Signal Quenching from Bound Biradical Affinity Reagents in DNP Samples. Journal of Physical Chemistry B, 2017, 121, 10770-10781.	1.2	24
15	Infrared spectroscopy of an endohedral water in fullerene. Journal of Chemical Physics, 2021, 154, 124311.	1.2	24
16	Nuclear spin isomers of guest molecules in H ₂ @C ₆₀ , H ₂ O@C ₆₀ and other endofullerenes. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2013, 371, 20110628.	1.6	20
17	Indirect ¹ H NMR characterization of H ₂ @C ₆₀ nitroxide derivatives and their nuclear spin relaxation. Chemical Communications, 2011, 47, 12527.	2.2	15
18	Probing the C ₆₀ triplet state coupling to nuclear spins inside and out. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2013, 371, 20120475.	1.6	13

#	ARTICLE	IF	CITATIONS
19	Nuclear Magnetic Resonance of Hydrogen Molecules Trapped inside C ₇₀ Fullerene Cages. ChemPhysChem, 2013, 14, 3121-3130.	1.0	11
20	Synthesis, Isomer Count, and Nuclear Spin Relaxation of H ₂ O@Open-C ₆₀ Nitroxide Derivatives. Organic Letters, 2012, 14, 3822-3825.	2.4	10
21	Synthesis and characterization of bispyrrolidine derivatives of H ₂ @C ₆₀ : differentiation of isomers using ¹ H NMR spectroscopy of endohedral H ₂ . Chemical Communications, 2011, 47, 2282-2284.	2.2	9
22	Mechanistic and catalytic studies of ¹²⁹ Xe nitroalcohol crosslinking with polyamine. Journal of Applied Polymer Science, 2013, 128, 3696-3701.	1.3	9
23	Photophysics of Platinum Tetrayne Oligomers: Delocalization of Triplet Exciton. Journal of Physical Chemistry A, 2014, 118, 10333-10339.	1.1	9
24	ENDOR Evidence of Electron-H ₂ Interaction in a Fullerene Embedding H ₂ . Journal of the American Chemical Society, 2012, 134, 12881-12884.	6.6	6
25	Predicting the paramagnet-enhanced NMR relaxation of H ₂ encapsulated in endofullerene nitroxides by density-functional theory calculations. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2013, 371, 20110634.	1.6	5
26	Interaction of H ₂ @C ₆₀ and Nitroxide through Conformationally Constrained Peptide Bridges. Photochemistry and Photobiology, 2014, 90, 439-447.	1.3	3
27	Paramagnet Enhanced Nuclear Spin Relaxation in H ₂ O@Open-C ₆₀ and H ₂ @Open-C ₆₀ . Organic Letters, 2013, 15, 4746-4749.	2.4	2