

Site-Specific Hydration Dynamics in the Nonpolar Core Nuclear Polarization of Water

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Mapping the Hydration Dynamics of Ubiquitin. <i>Journal of the American Chemical Society</i> , 2011, 133, 12326-12329.	6.6	103
2	Dynamic Nuclear Hyperpolarization in Liquids. <i>Topics in Current Chemistry</i> , 2011, 335, 23-69.	4.0	44
3	Comparative void-volume analysis of psychrophilic and mesophilic enzymes: Structural bioinformatics of psychrophilic enzymes reveals sources of core flexibility. <i>BMC Structural Biology</i> , 2011, 11, 42.	2.3	67
4	Ions in Water and Biophysical Implications. , 2012, , .		40
5	Quantitative Analysis of Molecular Transport across Liposomal Bilayer by J-Mediated ¹³ C Overhauser Dynamic Nuclear Polarization. <i>Analytical Chemistry</i> , 2012, 84, 8936-8940.	3.2	14
6	Nature of Interactions between PEO-PPO-PEO Triblock Copolymers and Lipid Membranes: (II) Role of Hydration Dynamics Revealed by Dynamic Nuclear Polarization. <i>Biomacromolecules</i> , 2012, 13, 2624-2633.	2.6	85
7	Site-Specific Coupling of Hydration Water and Protein Flexibility Studied in Solution with Ultrafast 2D-IR Spectroscopy. <i>Journal of the American Chemical Society</i> , 2012, 134, 18705-18712.	6.6	152
8	Mapping pH-Induced Protein Structural Changes Under Equilibrium Conditions by Pulsed Oxidative Labeling and Mass Spectrometry. <i>Analytical Chemistry</i> , 2012, 84, 9124-9130.	3.2	36
9	Liquid state DNP for water accessibility measurements on spin-labeled membrane proteins at physiological temperatures. <i>Journal of Magnetic Resonance</i> , 2012, 222, 34-43.	1.2	38
10	Mapping Molecular Flexibility of Proteins with Site-Directed Spin Labeling: A Case Study of Myoglobin. <i>Biochemistry</i> , 2012, 51, 6568-6583.	1.2	56
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15	Unfolding of a Small Protein Proceeds via Dry and Wet Globules and a Solvated Transition State. <i>Biophysical Journal</i> , 2013, 105, 2392-2402.	0.2	39
16	Computation of DNP coupling factors of a nitroxide radical in toluene: seamless combination of MD simulations and analytical calculations. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 526-540.	1.3	23
17	Overhauser dynamic nuclear polarization-enhanced NMR relaxometry. <i>Microporous and Mesoporous Materials</i> , 2013, 178, 113-118.	2.2	15
18	Transmembrane Protein Activation Refined by Site-Specific Hydration Dynamics. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 1953-1958.	7.2	49

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20	Quantitative cw Overhauser effect dynamic nuclear polarization for the analysis of local water dynamics. <i>Progress in Nuclear Magnetic Resonance Spectroscopy</i> , 2013, 74, 33-56.	3.9	110
21	Structural Insight into Proteorhodopsin Oligomers. <i>Biophysical Journal</i> , 2013, 104, 472-481.	0.2	51
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23	Asymmetric Collapse in Biomimetic Complex Coacervates Revealed by Local Polymer and Water Dynamics. <i>Biomacromolecules</i> , 2013, 14, 1395-1402.	2.6	32
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