

Daniel E Rosenfeld

List of Publications by Year in descending order

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papers

993
citations

759233

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14
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docs citations

14
times ranked

934
citing authors

#	ARTICLE	IF	CITATIONS
1	Taking apart the two-dimensional infrared vibrational echo spectra: More information and elimination of distortions. <i>Journal of Chemical Physics</i> , 2008, 128, 204505.	3.0	231
2	Ion-water hydrogen-bond switching observed with 2D IR vibrational echo chemical exchange spectroscopy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 375-380.	7.1	227
3	Water Dynamics in Salt Solutions Studied with Ultrafast Two-Dimensional Infrared (2D IR) Vibrational Echo Spectroscopy. <i>Accounts of Chemical Research</i> , 2009, 42, 1210-1219.	15.6	123
4	Structural Dynamics of a Catalytic Monolayer Probed by Ultrafast 2D IR Vibrational Echoes. <i>Science</i> , 2011, 334, 634-639.	12.6	117
5	Dynamics of Water Confined Within Reverse Micelles. <i>Journal of Physical Chemistry B</i> , 2006, 110, 14304-14312.	2.6	61
6	Dynamics of the Water Hydrogen Bond Network at Ionic, Nonionic, and Hydrophobic Interfaces in Nanopores and Reverse Micelles. <i>Journal of Physical Chemistry B</i> , 2011, 115, 1021-1031.	2.6	49
7	Solute-Solvent Complex Switching Dynamics of Chloroform between Acetone and Dimethylsulfoxide- Two-Dimensional IR Chemical Exchange Spectroscopy. <i>Journal of Physical Chemistry B</i> , 2008, 112, 13906-13915.	2.6	44
8	Theory of interfacial orientational relaxation spectroscopic observables. <i>Journal of Chemical Physics</i> , 2010, 132, 244703.	3.0	33
9	Dynamics of Functionalized Surface Molecular Monolayers Studied with Ultrafast Infrared Vibrational Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2012, 116, 23428-23440.	3.1	30
10	Hydrogen Bond Migration between Molecular Sites Observed with Ultrafast 2D IR Chemical Exchange Spectroscopy. <i>Journal of Physical Chemistry B</i> , 2010, 114, 2383-2389.	2.6	26
11	Structural Dynamics at Monolayer-Liquid Interfaces Probed by 2D IR Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2013, 117, 1409-1420.	3.1	23
12	Solvent Control of the Soft Angular Potential in Hydroxyl-Hydrogen Bonds: Inertial Orientational Dynamics. <i>Journal of Physical Chemistry B</i> , 2009, 113, 13300-13307.	2.6	17
13	Excitation transfer induced spectral diffusion and the influence of structural spectral diffusion. <i>Journal of Chemical Physics</i> , 2012, 137, 064109.	3.0	12