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Publications

PUBLICATIONS

- **Ultrafast Dynamics of a Terahertz Dual-Fed Relativistic Electron Bunch Compressor**
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- **Reorientation-induced Stokes shifts caused by directional interactions in electronic spectroscopy: Fast dynamics of poly(methyl methacrylate).** *The Journal of chemical physics*
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2019; 150 (19): 194201
- **Bulk-like and Interfacial Water Dynamics in Nafion Fuel Cell Membranes Investigated with Ultrafast Nonlinear IR Spectroscopy.** *The journal of physical chemistry. B*
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- **Water Dynamics in Polyacrylamide Hydrogels.** *Journal of the American Chemical Society*
Yan, C., Kramer, P. L., Yuan, R., Fayer, M. D.
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- **Water Dynamics in 1-Alkyl-3-methylimidazolium Tetrafluoroborate Ionic Liquids** *JOURNAL OF PHYSICAL CHEMISTRY B*
Giammanco, C. H., Kramer, P. L., Wong, D. B., Fayer, M. D.
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- **Carbon dioxide in an ionic liquid: Structural and rotational dynamics** *JOURNAL OF CHEMICAL PHYSICS*
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- **Coupling of Carbon Dioxide Stretch and Bend Vibrations Reveals Thermal Population Dynamics in an Ionic Liquid.** *journal of physical chemistry. B*
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- **Separation of experimental 2D IR frequency-frequency correlation functions into structural and reorientation-induced contributions.** *journal of chemical physics*
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- **Separation of experimental 2D IR frequency-frequency correlation functions into structural and reorientation-induced contributions.** *journal of chemical physics*
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