

PUBLICATIONS COVERED IN THIS THESIS

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- H. J. Bakker and H. K. Nienhuys. Transient Absorption of Vibrationally Excited Water. *Submitted*.

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- M. F. Kropman, H.-K. Nienhuys, and H. J. Bakker. Real-time measurement of the orientational dynamics of aqueous solvation shells in bulk liquid water. *Submitted*.