

Accepted Manuscript

Protein dynamics observed by tunable mid-IR quantum cascade lasers across the time range from 10ns to 1s

Bernd-Joachim Schultz, Hendrik Mohrmann, Victor A. Lorenz-Fonfria, Joachim Heberle



PII: S1386-1425(17)30010-0
DOI: doi: [10.1016/j.saa.2017.01.010](https://doi.org/10.1016/j.saa.2017.01.010)
Reference: SAA 14863

To appear in: *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy*

Received date: 22 October 2016
Revised date: 29 December 2016
Accepted date: 4 January 2017

Please cite this article as: Bernd-Joachim Schultz, Hendrik Mohrmann, Victor A. Lorenz-Fonfria, Joachim Heberle, Protein dynamics observed by tunable mid-IR quantum cascade lasers across the time range from 10ns to 1s. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Saa(2017), doi: [10.1016/j.saa.2017.01.010](https://doi.org/10.1016/j.saa.2017.01.010)

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Protein dynamics observed by tunable mid-IR quantum cascade lasers across the time range from 10 ns to 1 s

Bernd-Joachim Schultz¹, Hendrik Mohrmann¹, Victor A. Lorenz-Fonfria^{1,2,3} and Joachim Heberle^{1*}

¹*Experimental Molecular Biophysics, Department of Physics, Freie Universität Berlin, Arnimallee 14, 14195 Berlin, Germany.* ²*Department of Biochemistry and Molecular Biology, Universitat de València, Dr. Moliner 50, 46100 Burjassot, Spain.* ³*Interdisciplinary Research Structure for Biotechnology and Biomedicine (ERI BIOTECMED), Universitat de València, Dr. Moliner 50, 46100 Burjassot, Spain.*

*joachim.heberle@fu-berlin.de

Download English Version:

<https://daneshyari.com/en/article/5139523>

Download Persian Version:

<https://daneshyari.com/article/5139523>

[Daneshyari.com](https://daneshyari.com)