

Accepted Manuscript

Biomolecular dynamics studied with IR-spectroscopy using quantum cascade lasers combined with nanosecond perturbation techniques

Alexander Popp, David Scheerer, Benjamin Heck, Karin Hauser



PII: S1386-1425(17)30239-1

DOI: doi: [10.1016/j.saa.2017.03.053](https://doi.org/10.1016/j.saa.2017.03.053)

Reference: SAA 15032

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

Received date: 12 December 2016

Revised date: 17 March 2017

Accepted date: 19 March 2017

Please cite this article as: Alexander Popp, David Scheerer, Benjamin Heck, Karin Hauser , Biomolecular dynamics studied with IR-spectroscopy using quantum cascade lasers combined with nanosecond perturbation techniques. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Saa(2017), doi: [10.1016/j.saa.2017.03.053](https://doi.org/10.1016/j.saa.2017.03.053)

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.

**Biomolecular dynamics studied with IR-
spectroscopy using quantum cascade lasers
combined with nanosecond perturbation
techniques**

Alexander Popp[‡], David Scheerer[‡], Benjamin Heck, Karin Hauser^{}*

Department of Chemistry, University of Konstanz, 78457 Konstanz, Germany

[‡]These authors contributed equally.

^{*}Corresponding Author: karin.hauser@uni-konstanz.de

Keywords: T-jump; pH-jump; infrared spectroscopy; quantum cascade laser; folding kinetics;
poly-L-glutamic acid

Download English Version:

<https://daneshyari.com/en/article/5139859>

Download Persian Version:

<https://daneshyari.com/article/5139859>

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