

OVERVIEW: Over the past 20 years we have published 100+ peer-reviewed manuscripts on MALDESI providing a strong foundation for the mechanism and fundamental aspects of the ionization method as well as numerous impact areas in -OMICS imaging and direct analysis. These include several high impact applications. To learn more please read through the papers that interest you and then contact us for a free consultation.

FUNDAMENTALS/MECHANISMS | INSTRUMENTATION / LASER TECHNOLOGY | REVIEW ARTICLES

LIPIDOMICS | METABOLOMICS | GLYCOMICS | QUANTITATIVE MASS SPECTROMETRY IMAGING

AGRICULTURAL / FOOD SCIENCE | 3D IMAGING | FUNCTIONAL MASS SPECTROMETRY IMAGING

FORENSICS | BIOPHYSICAL MEASUREMENTS | HIGH IMPACT BIOLOGICAL STUDIES | SOFTWARE | TUTORIALS

FUNDAMENTALS / MECHANISMS

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12. "Optimized C-trap Timing of an Orbitrap 240 Mass Spectrometer for High Throughput Screening and Native MS by IR-MALDESI" K.T. Knizner, M.C. Bagley, K.P. Garrard, F. Pu, N.L. Elsen, J.D. Williams, D.C. Muddiman *J. Am. Soc. Mass Spectrom.*, **2022**, 33(2); 328-334.
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INSTRUMENTATION / LASER TECHNOLOGY

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GLYCOMICS

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QUANTITATIVE MASS SPECTROMETRY IMAGING

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3D IMAGING

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FUNCTIONAL MASS SPECTROMETRY IMAGING (FLUXOMICS)

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HIGH IMPACT BIOLOGICAL STUDIES

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