

# Janina Oetjen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4353438/publications.pdf>

Version: 2024-02-01

19  
papers

691  
citations

706676

14  
h-index

889612

19  
g-index

20  
all docs

20  
docs citations

20  
times ranked

1387  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Structural amyloid plaque polymorphism is associated with distinct lipid accumulations revealed by trapped ion mobility mass spectrometry imaging. <i>Journal of Neurochemistry</i> , 2022, 160, 482-498.                     | 2.1 | 17        |
| 2  | Connecting structure and function from organisms to molecules in small-animal symbioses through chemo-histo-tomography. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, . | 3.3 | 14        |
| 3  | MS Imagingâ€Guided Microproteomics for Spatial Omics on a Single Instrument. <i>Proteomics</i> , 2020, 20, e1900369.  | 1.3 | 25        |
| 4  | In situ isobaric lipid mapping by MALDIâ€ion mobility separationâ€mass spectrometry imaging. <i>Journal of Mass Spectrometry</i> , 2020, 55, e4531.   | 0.7 | 35        |
| 5  | Neratinib protects pancreatic beta cells in diabetes. <i>Nature Communications</i> , 2019, 10, 5015.  | 5.8 | 44        |
| 6  | Targeted Feature Extraction in MALDI Mass Spectrometry Imaging to Discriminate Proteomic Profiles of Breast and Ovarian Cancer. <i>Proteomics - Clinical Applications</i> , 2019, 13, e1700168.                               | 0.8 | 14        |
| 7  | A new classification method for MALDI imaging mass spectrometry data acquired on formalin-fixed paraffin-embedded tissue samples. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2017, 1865, 916-926.       | 1.1 | 32        |
| 8  | Integration of 3D multimodal imaging data of a head and neck cancer and advanced feature recognition. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2017, 1865, 946-956.                                   | 1.1 | 25        |
| 9  | An approach to optimize sample preparation for MALDI imaging MS of FFPE sections using fractional factorial design of experiments. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 6729-6740.                      | 1.9 | 20        |
| 10 | Molecular and chemical dialogues in bacteria-protozoa interactions. <i>Scientific Reports</i> , 2015, 5, 12837.   | 1.6 | 51        |
| 11 | Benchmark datasets for 3D MALDI- and DESI-imaging mass spectrometry. <i>GigaScience</i> , 2015, 4, 20.  | 3.3 | 53        |
| 12 | Rapid Recovery of Cyanobacterial Pigments in Desiccated Biological Soil Crusts following Addition of Water. <i>PLoS ONE</i> , 2014, 9, e112372.   | 1.1 | 28        |
| 13 | MALDI imaging mass spectrometry: Discrimination of pathophysiological regions in traumatized skeletal muscle by characteristic peptide signatures. <i>Proteomics</i> , 2014, 14, 2249-2260.                                   | 1.3 | 46        |
| 14 | Numerical experiments with MALDI Imaging data. <i>Advances in Computational Mathematics</i> , 2014, 40, 667-682.  | 0.8 | 7         |
| 15 | 2D and 3D MALDI-imaging: Conceptual strategies for visualization and data mining. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2014, 1844, 117-137.   | 1.1 | 66        |
| 16 | MRI-compatible pipeline for three-dimensional MALDI imaging mass spectrometry using PAXgene fixation. <i>Journal of Proteomics</i> , 2013, 90, 52-60.   | 1.2 | 58        |
| 17 | Exploring Three-Dimensional Matrix-Assisted Laser Desorption/Ionization Imaging Mass Spectrometry Data: Three-Dimensional Spatial Segmentation of Mouse Kidney. <i>Analytical Chemistry</i> , 2012, 84, 6079-6087.            | 3.2 | 122       |
| 18 | Characterization of the DraT/DraG System for Posttranslational Regulation of Nitrogenase in the Endophytic Betaproteobacterium <i>Azoarcus</i> sp. Strain BH72. <i>Journal of Bacteriology</i> , 2009, 191, 3726-3735.        | 1.0 | 19        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Mass spectrometric characterization of the covalent modification of the nitrogenase Fe-protein in <i>Azoarcus</i> sp. BH72. FEBS Journal, 2009, 276, 3618-3627. | 2.2 | 12        |