

Bram Heijs

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

878
citations

430874

18
h-index

580821

25
g-index

25
all docs

25
docs citations

25
times ranked

1196
citing authors

#	ARTICLE	IF	CITATIONS
1	Linkage-Specific <i>in Situ</i> Sialic Acid Derivatization for N-Glycan Mass Spectrometry Imaging of Formalin-Fixed Paraffin-Embedded Tissues. <i>Analytical Chemistry</i> , 2016, 88, 5904-5913.	6.5	158
2	Multimodal Mass Spectrometry Imaging of <i>N</i> -Glycans and Proteins from the Same Tissue Section. <i>Analytical Chemistry</i> , 2016, 88, 7745-7753.	6.5	86
3	MALDI-2 on a Trapped Ion Mobility Quadrupole Time-of-Flight Instrument for Rapid Mass Spectrometry Imaging and Ion Mobility Separation of Complex Lipid Profiles. <i>Analytical Chemistry</i> , 2020, 92, 8697-8703.	6.5	84
4	MALDI-2 for the Enhanced Analysis of <i>N</i> -Linked Glycans by Mass Spectrometry Imaging. <i>Analytical Chemistry</i> , 2020, 92, 13904-13911.	6.5	56
5	Comprehensive Analysis of the Mouse Brain Proteome Sampled in Mass Spectrometry Imaging. <i>Analytical Chemistry</i> , 2015, 87, 1867-1875.	6.5	44
6	N-Glycomic Signature of Stage II Colorectal Cancer and Its Association With the Tumor Microenvironment. <i>Molecular and Cellular Proteomics</i> , 2021, 20, 100057.	3.8	42
7	Round robin study of formalin-fixed paraffin-embedded tissues in mass spectrometry imaging. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 5969-5980.	3.7	39
8	Radiotherapy resistance in chondrosarcoma cells; a possible correlation with alterations in cell cycle related genes. <i>Clinical Sarcoma Research</i> , 2019, 9, 9.	2.3	34
9	High-Mannose N-Glycans as Malignant Progression Markers in Early-Stage Colorectal Cancer. <i>Cancers</i> , 2022, 14, 1552.	3.7	30
10	High-Throughput Glycomic Methods. <i>Chemical Reviews</i> , 2022, 122, 15865-15913.	47.7	30
11	Histology-Guided High-Resolution Matrix-Assisted Laser Desorption Ionization Mass Spectrometry Imaging. <i>Analytical Chemistry</i> , 2015, 87, 11978-11983.	6.5	29
12	Lipid signature of advanced human carotid atherosclerosis assessed by mass spectrometry imaging. <i>Journal of Lipid Research</i> , 2021, 62, 100020.	4.2	27
13	Assessing the potential of sputtered gold nanolayers in mass spectrometry imaging for metabolomics applications. <i>PLoS ONE</i> , 2018, 13, e0208908.	2.5	25
14	Disturbed brain ether lipid metabolism and histology in <i>Sjögren-Larsson</i> syndrome. <i>Journal of Inherited Metabolic Disease</i> , 2020, 43, 1265-1278.	3.6	25
15	Ultra-high resolution MALDI-FTICR-MSI analysis of intact proteins in mouse and human pancreas tissue. <i>International Journal of Mass Spectrometry</i> , 2019, 437, 10-16.	1.5	24
16	Brain Region-Specific Dynamics of On-Tissue Protein Digestion Using MALDI Mass Spectrometry Imaging. <i>Journal of Proteome Research</i> , 2015, 14, 5348-5354.	3.7	22
17	Mass spectrometry imaging of endogenous metabolites in response to doxorubicin in a novel 3D osteosarcoma cell culture model. <i>Journal of Mass Spectrometry</i> , 2020, 55, e4461.	1.6	22
18	rMSIproc: an R package for mass spectrometry imaging data processing. <i>Bioinformatics</i> , 2020, 36, 3618-3619.	4.1	21

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19	Molecular signatures of tumor progression in myxoid liposarcoma identified by N-glycan mass spectrometry imaging. <i>Laboratory Investigation</i> , 2020, 100, 1252-1261.	3.7	20
20	Protein Mannosylation as a Diagnostic and Prognostic Biomarker of Lupus Nephritis: An Unusual Glycan Neoepitope in Systemic Lupus Erythematosus. <i>Arthritis and Rheumatology</i> , 2021, 73, 2069-2077.	5.6	15
21	Mass spectrometry imaging: How will it affect clinical research in the future?. <i>Expert Review of Proteomics</i> , 2018, 15, 709-716.	3.0	13
22	Detecting Proteomic Indicators to Distinguish Diabetic Nephropathy from Hypertensive Nephrosclerosis by Integrating Matrix-Assisted Laser Desorption/Ionization Mass Spectrometry Imaging with High-Mass Accuracy Mass Spectrometry. <i>Kidney and Blood Pressure Research</i> , 2020, 45, 233-248.	2.0	12
23	Proteomic Analysis Identifies FNDC1, A1BG, and Antigen Processing Proteins Associated with Tumor Heterogeneity and Malignancy in a Canine Model of Breast Cancer. <i>Cancers</i> , 2021, 13, 5901.	3.7	10
24	The metabolic landscape in chronic rotator cuff tear reveals tissueâ€‘regionâ€‘specific signatures. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2022, 13, 532-543.	7.3	7
25	Spatial distribution of isobaric androgens in target tissues using chemical derivatization and MALDI-2 on a trapped ion mobility quadrupole time-of-flight instrument. <i>RSC Advances</i> , 2021, 11, 33916-33925.	3.6	3