

# Gertjan Kramer

## List of Publications by Citations

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**Version:** 2024-04-27

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35  
papers

949  
citations

16  
h-index

30  
g-index

39  
ext. papers

1,123  
ext. citations

5.6  
avg, IF

3.63  
L-index

#	Paper	IF	Citations
35	Ultrasensitive in situ visualization of active glucocerebrosidase molecules. <i>Nature Chemical Biology</i> , <b>2010</b> , 6, 907-13	11.7	173
34	Identification of novel candidate phosphatidic acid-binding proteins involved in the salt-stress response of <i>Arabidopsis thaliana</i> roots. <i>Biochemical Journal</i> , <b>2013</b> , 450, 573-81	3.8	115
33	Selective enrichment of azide-containing peptides from complex mixtures. <i>Journal of Proteome Research</i> , <b>2009</b> , 8, 3702-11	5.6	86
32	Biomarkers in the diagnosis of lysosomal storage disorders: proteins, lipids, and inhibobodies. <i>Journal of Inherited Metabolic Disease</i> , <b>2011</b> , 34, 605-19	5.4	80
31	Imaging in situ protein-DNA interactions in the cell nucleus using FRET-FLIM. <i>Experimental Cell Research</i> , <b>2005</b> , 309, 390-6	4.2	57
30	Mass spectrometric quantification of glucosylsphingosine in plasma and urine of type 1 Gaucher patients using an isotope standard. <i>Blood Cells, Molecules, and Diseases</i> , <b>2015</b> , 54, 307-14	2.1	47
29	The novel histone deacetylase inhibitor BL1521 inhibits proliferation and induces apoptosis in neuroblastoma cells. <i>Biochemical Pharmacology</i> , <b>2004</b> , 68, 1279-88	6	42
28	Elevation of glycoprotein nonmetastatic melanoma protein B in type 1 Gaucher disease patients and mouse models. <i>FEBS Open Bio</i> , <b>2016</b> , 6, 902-13	2.7	37
27	Quantification of sulfatides and lysosulfatides in tissues and body fluids by liquid chromatography-tandem mass spectrometry. <i>Journal of Lipid Research</i> , <b>2015</b> , 56, 936-43	6.3	30
26	Functional characteristics of neonatal rat $\beta$ cells with distinct markers. <i>Journal of Molecular Endocrinology</i> , <b>2014</b> , 52, 11-28	4.5	29
25	Identification and quantitation of newly synthesized proteins in <i>Escherichia coli</i> by enrichment of azidohomoalanine-labeled peptides with diagonal chromatography. <i>Molecular and Cellular Proteomics</i> , <b>2009</b> , 8, 1599-611	7.6	27
24	Mild and chemoselective peptide-bond cleavage of peptides and proteins at azido homoalanine. <i>Angewandte Chemie - International Edition</i> , <b>2005</b> , 44, 7946-50	16.4	25
23	Potential of protein phosphatase inhibitor 1 as biomarker of pancreatic $\beta$ cell injury in vitro and in vivo. <i>Diabetes</i> , <b>2013</b> , 62, 2683-8	0.9	24
22	The RNA-Binding Protein YBX3 Controls Amino Acid Levels by Regulating SLC mRNA Abundance. <i>Cell Reports</i> , <b>2019</b> , 27, 3097-3106.e5	10.6	23
21	Proteome-wide alterations in <i>Escherichia coli</i> translation rates upon anaerobiosis. <i>Molecular and Cellular Proteomics</i> , <b>2010</b> , 9, 2508-16	7.6	22
20	Accuracy and Reproducibility in Quantification of Plasma Protein Concentrations by Mass Spectrometry without the Use of Isotopic Standards. <i>PLoS ONE</i> , <b>2015</b> , 10, e0140097	3.7	16
19	Culturing <i>Synechocystis</i> sp. Strain PCC 6803 with N <sub>2</sub> and CO <sub>2</sub> in a Diel Regime Reveals Multiphase Glycogen Dynamics with Low Maintenance Costs. <i>Applied and Environmental Microbiology</i> , <b>2016</b> , 82, 4180-4189 <sup>15</sup>	4.8	15

18	Label-free LC-MSe in tissue and serum reveals protein networks underlying differences between benign and malignant serous ovarian tumors. <i>PLoS ONE</i> , <b>2014</b> , 9, e108046	3.7	15
17	Uses Sibling Small Regulatory RNAs To Switch from Cataplerotic to Anaplerotic Metabolism. <i>MBio</i> , <b>2017</b> , 8,	7.8	14
16	Integrative Analysis of Proteome and Transcriptome Dynamics during <i>Bacillus subtilis</i> Spore Revival. <i>MSphere</i> , <b>2020</b> , 5,	5	13
15	Proteomic analysis of HIV-T cell interaction: an update. <i>Frontiers in Microbiology</i> , <b>2012</b> , 3, 240	5.7	8
14	Ice-nucleating proteins are activated by low temperatures to control the structure of interfacial water. <i>Nature Communications</i> , <b>2021</b> , 12, 1183	17.4	8
13	Quantitation of newly synthesized proteins by pulse labeling with azidohomoalanine. <i>Methods in Molecular Biology</i> , <b>2011</b> , 753, 169-81	1.4	7
12	Mild and Chemoselective Peptide-Bond Cleavage of Peptides and Proteins at Azido Homoalanine. <i>Angewandte Chemie</i> , <b>2005</b> , 117, 8160-8164	3.6	7
11	Superior in vivo compatibility of hydrophilic polymer coated prosthetic vascular grafts. <i>Journal of Vascular Access</i> , <b>2014</b> , 15, 95-101	1.8	6
10	A composite filter for low FDR of protein-protein interactions detected by in vivo cross-linking. <i>Journal of Proteomics</i> , <b>2021</b> , 230, 103987	3.9	5
9	The Hfq regulon of. <i>FEBS Open Bio</i> , <b>2017</b> , 7, 777-788	2.7	3
8	Artificial Sporulation Induction (ASI) by Overexpression Affects the Proteomes and Properties of Spores. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	3
7	Regulation of cytochrome components by NrrF, a Fur-controlled small noncoding RNA. <i>FEBS Open Bio</i> , <b>2017</b> , 7, 1302-1315	2.7	3
6	Investigating Synthesis of the MalS Malic Enzyme during <i>Bacillus subtilis</i> Spore Germination and Outgrowth and the Influence of Spore Maturation and Sporulation Conditions. <i>MSphere</i> , <b>2020</b> , 5,	5	3
5	UPLC-MS/MS analysis and biological activity of the potato cyst nematode hatching stimulant, solanoecepin A, in the root exudate of <i>Solanum</i> spp. <i>Planta</i> , <b>2021</b> , 254, 112	4.7	1
4	Molecular Physiological Characterization of a High Heat Resistant Spore Forming Food Isolate. <i>Microorganisms</i> , <b>2021</b> , 9,	4.9	1
3	Towards low false discovery rate estimation for protein-protein interactions detected by chemical cross-linking. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , <b>2021</b> , 1869, 140655	4	1
2	High Resolution Analysis of Proteome Dynamics during Sporulation. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	1
1	Turning Over Paradigms in Protein Decay. <i>Developmental Cell</i> , <b>2016</b> , 39, 284-285	10.2	

