

Malgorzata Broncel

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

1,162
citations

516710

16
h-index

526287

27
g-index

34
all docs

34
docs citations

34
times ranked

1783
citing authors

#	ARTICLE	IF	CITATIONS
1	Global profiling of co- and post-translationally N-myristoylated proteomes in human cells. <i>Nature Communications</i> , 2014, 5, 4919.	12.8	199
2	Validation of N-myristoyltransferase as an antimalarial drug target using an integrated chemical biology approach. <i>Nature Chemistry</i> , 2014, 6, 112-121.	13.6	196
3	Identification of O-GlcNAc sites within peptides of the Tau protein and their impact on phosphorylation. <i>Molecular BioSystems</i> , 2011, 7, 1420.	2.9	108
4	Multifunctional Reagents for Quantitative Proteome-Wide Analysis of Protein Modification in Human Cells and Dynamic Profiling of Protein Lipidation During Vertebrate Development. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 5948-5951.	13.8	81
5	Global Profiling of Huntingtin-associated protein E (HYPE)-Mediated AMPylation through a Chemical Proteomic Approach. <i>Molecular and Cellular Proteomics</i> , 2016, 15, 715-725.	3.8	56
6	Crystal Structure of the Human, FIC-Domain Containing Protein HYPE and Implications for Its Functions. <i>Structure</i> , 2014, 22, 1831-1843.	3.3	48
7	Divergent kinase regulates membrane ultrastructure of the <i>Toxoplasma</i> parasitophorous vacuole. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 6361-6370.	7.1	46
8	Dual Targeting of PDGFR \pm and FGFR1 Displays Synergistic Efficacy in Malignant Rhabdoid Tumors. <i>Cell Reports</i> , 2016, 17, 1265-1275.	6.4	44
9	An exported kinase family mediates species-specific erythrocyte remodelling and virulence in human malaria. <i>Nature Microbiology</i> , 2020, 5, 848-863.	13.3	44
10	The basis of the immunomodulatory activity of malaria pigment (hemozoin). <i>Journal of Biological Inorganic Chemistry</i> , 2006, 11, 917-929.	2.6	39
11	The Alzheimer's Disease Related Tau Protein as a New Target for Chemical Protein Engineering. <i>Chemistry - A European Journal</i> , 2012, 18, 2488-2492.	3.3	34
12	How Post-Translational Modifications Influence Amyloid Formation: A Systematic Study of Phosphorylation and Glycosylation in Model Peptides. <i>Chemistry - A European Journal</i> , 2010, 16, 7881-7888.	3.3	33
13	Quantitative phosphoproteomic analysis of acquired cancer drug resistance to pazopanib and dasatinib. <i>Journal of Proteomics</i> , 2018, 170, 130-140.	2.4	27
14	A plasma membrane localized protein phosphatase in <i>Toxoplasma gondii</i> , PPM5C, regulates attachment to host cells. <i>Scientific Reports</i> , 2019, 9, 5924.	3.3	24
15	Profiling of myristoylation in <i>Toxoplasma gondii</i> reveals an N-myristoylated protein important for host cell penetration. <i>ELife</i> , 2020, 9, .	6.0	24
16	Acidic and basic deprotection strategies of borane-protected phosphinothioesters for the traceless Staudinger ligation. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 3679-3686.	3.0	22
17	Characterisation of the <i>Toxoplasma gondii</i> tyrosine transporter and its phosphorylation by the calcium-dependent protein kinase 3. <i>Molecular Microbiology</i> , 2019, 111, 1167-1181.	2.5	22
18	Enzymatically triggered amyloid formation: an approach for studying peptide aggregation. <i>Chemical Communications</i> , 2010, 46, 3080.	4.1	19

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19	A New Chemical Handle for Protein AMPylation at the Host-Pathogen Interface. <i>ChemBioChem</i> , 2012, 13, 183-185.	2.6	17
20	The Rab-binding Profiles of Bacterial Virulence Factors during Infection. <i>Journal of Biological Chemistry</i> , 2016, 291, 5832-5843.	3.4	14
21	Towards understanding secondary structure transitions: phosphorylation and metal coordination in model peptides. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 2575.	2.8	12
22	Label-Based Mass Spectrometry Approaches for Robust Quantification of the Phosphoproteome and Total Proteome in <i>Toxoplasma gondii</i> . <i>Methods in Molecular Biology</i> , 2020, 2071, 453-468.	0.9	11
23	Myristoylation profiling in human cells and zebrafish. <i>Data in Brief</i> , 2015, 4, 379-383.	1.0	9
24	Phosphorylation of <i>Toxoplasma gondii</i> Secreted Proteins during Acute and Chronic Stages of Infection. <i>MSphere</i> , 2020, 5, .	2.9	9
25	Differential Trafficking and Expression of PIR Proteins in Acute and Chronic Plasmodium Infections. <i>Frontiers in Cellular and Infection Microbiology</i> , 0, 12, .	3.9	3
26	Inhibition of peptide aggregation by means of enzymatic phosphorylation. <i>Beilstein Journal of Organic Chemistry</i> , 2016, 12, 2462-2470.	2.2	1
27	Analysis of Phosphotyrosine Signaling Networks in Lung Cancer Cell Lines. <i>Methods in Molecular Biology</i> , 2017, 1636, 253-262.	0.9	1