

Kasper Engholm-Keller

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

1,508
citations

471061

17
h-index

454577

30
g-index

36
all docs

36
docs citations

36
times ranked

2491
citing authors

#	ARTICLE	IF	CITATIONS
1	UHT treatment and storage of liquid infant formula affects protein digestion and release of bioactive peptides. <i>Food and Function</i> , 2022, 13, 344-355.	2.1	11
2	Site-Specific Characterization of Heat-Induced Disulfide Rearrangement in Beta-Lactoglobulin by Liquid Chromatography–Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 847-856.	2.4	11
3	Oxidation of Whey Proteins during Thermal Treatment Characterized by a Site-Specific LC–MS/MS-Based Proteomic Approach. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 4391-4406.	2.4	7
4	A presynaptic phosphosignaling hub for lasting homeostatic plasticity. <i>Cell Reports</i> , 2022, 39, 110696.	2.9	17
5	Detection of protein oxidation products by fluorescence spectroscopy and trilinear data decomposition: Proof of concept. <i>Food Chemistry</i> , 2022, 396, 133732.	4.2	1
6	Cysteine residues are responsible for the sulfurous off-flavor formed in heated whey protein solutions. <i>Food Chemistry Molecular Sciences</i> , 2022, 5, 100120.	0.9	1
7	TWIST1 and chromatin regulatory proteins interact to guide neural crest cell differentiation. <i>ELife</i> , 2021, 10, .	2.8	26
8	SNAP-25 phosphorylation at Ser187 is not involved in Ca ²⁺ or phorbol ester-dependent potentiation of synaptic release. <i>Molecular and Cellular Neurosciences</i> , 2020, 102, 103452.	1.0	3
9	Generation of Aggregates of β -Lactalbumin by UV-B Light Exposure. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 6701-6714.	2.4	21
10	A Systems-level Characterization of the Differentiation of Human Embryonic Stem Cells into Mesenchymal Stem Cells* [S]. <i>Molecular and Cellular Proteomics</i> , 2019, 18, 1950-1966.	2.5	13
11	The interaction of assembly protein AP180 and clathrin is inhibited by multi-site phospho-mimetics. <i>Neurochemistry International</i> , 2019, 129, 104474.	1.9	1
12	The temporal profile of activity-dependent presynaptic phospho-signalling reveals long-lasting patterns of poststimulus regulation. <i>PLoS Biology</i> , 2019, 17, e3000170.	2.6	29
13	Affinity Proteomics for Interactome and Phosphoproteome Screening in Synaptosomes. <i>Neuromethods</i> , 2018, , 165-191.	0.2	0
14	Reactive Oxygen Species (ROS)-Activated ATM-Dependent Phosphorylation of Cytoplasmic Substrates Identified by Large-Scale Phosphoproteomics Screen. <i>Molecular and Cellular Proteomics</i> , 2016, 15, 1032-1047.	2.5	62
15	Improving the Phosphoproteome Coverage for Limited Sample Amounts Using TiO ₂ -SIMAC-HILIC (TiSH) Phosphopeptide Enrichment and Fractionation. <i>Methods in Molecular Biology</i> , 2016, 1355, 161-177.	0.4	28
16	Global Analysis of Myocardial Peptides Containing Cysteines With Irreversible Sulfinic and Sulfonic Acid Post-Translational Modifications. <i>Molecular and Cellular Proteomics</i> , 2015, 14, 609-620.	2.5	34
17	Structural basis for phosphorylation and lysine acetylation cross-talk in a kinase motif associated with myocardial ischemia and cardioprotection.. <i>Journal of Biological Chemistry</i> , 2014, 289, 33875.	1.6	0
18	Comprehensive Quantitative Comparison of the Membrane Proteome, Phosphoproteome, and Sialome of Human Embryonic and Neural Stem Cells. <i>Molecular and Cellular Proteomics</i> , 2014, 13, 311-328.	2.5	58

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19	Structural Basis for Phosphorylation and Lysine Acetylation Cross-talk in a Kinase Motif Associated with Myocardial Ischemia and Cardioprotection. <i>Journal of Biological Chemistry</i> , 2014, 289, 25890-25906.	1.6	48
20	Identification of Novel Protein Functions and Signaling Mechanisms by Genetics and Quantitative Phosphoproteomics in <i>Caenorhabditis elegans</i> . <i>Methods in Molecular Biology</i> , 2014, 1188, 107-124.	0.4	3
21	Technologies and challenges in large-scale phosphoproteomics. <i>Proteomics</i> , 2013, 13, 910-931.	1.3	142
22	Adaptation of a Commonly Used, Chemically Defined Medium for Human Embryonic Stem Cells to Stable Isotope Labeling with Amino Acids in Cell Culture. <i>Journal of Proteome Research</i> , 2013, 12, 3233-3245.	1.8	10
23	A Novel Method for the Simultaneous Enrichment, Identification, and Quantification of Phosphopeptides and Sialylated Glycopeptides Applied to a Temporal Profile of Mouse Brain Development. <i>Molecular and Cellular Proteomics</i> , 2012, 11, 1191-1202.	2.5	121
24	TiSH "a robust and sensitive global phosphoproteomics strategy employing a combination of TiO ₂ , SIMAC, and HILIC. <i>Journal of Proteomics</i> , 2012, 75, 5749-5761.	1.2	174
25	Chemical Deamidation: A Common Pitfall in Large-Scale N-Linked Glycoproteomic Mass Spectrometry-Based Analyses. <i>Journal of Proteome Research</i> , 2012, 11, 1949-1957.	1.8	151
26	Stable isotope labeling with amino acids in cell culture (SILAC) of human embryonic stem cells under chemically defined culturing conditions. , 2012, , .		0
27	Quantitative proteomics by amino acid labeling in <i>C. elegans</i> . <i>Nature Methods</i> , 2011, 8, 845-847.	9.0	50
28	Multidimensional Strategy for Sensitive Phosphoproteomics Incorporating Protein Prefractionation Combined with SIMAC, HILIC, and TiO ₂ Chromatography Applied to Proximal EGF Signaling. <i>Journal of Proteome Research</i> , 2011, 10, 5383-5397.	1.8	63
29	Titanium dioxide as chemo-affinity chromatographic sorbent of biomolecular compounds " Applications in acidic modification-specific proteomics. <i>Journal of Proteomics</i> , 2011, 75, 317-328.	1.2	61
30	A proteome-scale study on in vivo protein N ^ε -acetylation using an optimized method. <i>Proteomics</i> , 2011, 11, 81-93.	1.3	30
31	Quantitative N-linked Glycoproteomics of Myocardial Ischemia and Reperfusion Injury Reveals Early Remodeling in the Extracellular Environment. <i>Molecular and Cellular Proteomics</i> , 2011, 10, M110.006833.	2.5	101
32	Analysis of Protein Glycosylation and Phosphorylation Using HILIC-MS. <i>Chromatographic Science</i> , 2011, , 551-576.	0.1	5
33	Selective enrichment of sialic acid-containing glycopeptides using titanium dioxide chromatography with analysis by HILIC and mass spectrometry. <i>Nature Protocols</i> , 2010, 5, 1974-1982.	5.5	225
34	Quantitative phosphoproteomics of depolarization-dependent protein phosphorylation in nerve terminals. <i>FASEB Journal</i> , 2010, 24, 905.2.	0.2	0
35	A Presynaptic Phosphosignaling Hub for Lasting Homeostatic Plasticity. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1