Kasper Engholm-Keller

List of Publications by Year
in descending order

35	1,508	471061 17	454577 30
papers	citations	h-index	g-index

36	36	36	2491
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Selective enrichment of sialic acidâ€“containing glycopeptides using titanium dioxide chromatography with analysis by HILIC and mass spectrometry. Nature Protocols, 2010, 5, 1974-1982.	5.5	225
2	TiSH â€” a robust and sensitive global phosphoproteomics strategy employing a combination of TiO2, SIMAC, and HILIC. Journal of Proteomics, 2012, 75, 5749-5761.	1.2	174
3	Chemical Deamidation: A Common Pitfall in Large-Scale N-Linked Glycoproteomic Mass Spectrometry-Based Analyses. Journal of Proteome Research, 2012, 11, 1949-1957.	1.8	151
4	Technologies and challenges in largeâ€scale phosphoproteomics. Proteomics, 2013, 13, 910-931.	1.3	142
5	A Novel Method for the Simultaneous Enrichment, Identification, and Quantification of Phosphopeptides and Sialylated Glycopeptides Applied to a Temporal Profile of Mouse Brain Development. Molecular and Cellular Proteomics, 2012, 11, 1191-1202.	2.5	121
6	Quantitative N-linked Glycoproteomics of Myocardial Ischemia and Reperfusion Injury Reveals Early Remodeling in the Extracellular Environment. Molecular and Cellular Proteomics, 2011, 10, M110.006833.	2.5	101
7	Multidimensional Strategy for Sensitive Phosphoproteomics Incorporating Protein Prefractionation Combined with SIMAC, HILIC, and TiO₂ Chromatography Applied to Proximal EGF Signaling. Journal of Proteome Research, 2011, 10, 5383-5397.	1.8	63
8	Reactive Oxygen Species (ROS)-Activated ATM-Dependent Phosphorylation of Cytoplasmic Substrates Identified by Large-Scale Phosphoproteomics Screen. Molecular and Cellular Proteomics, 2016, 15, 1032-1047.	2.5	62
9	Titanium dioxide as chemo-affinity chromatographic sorbent of biomolecular compounds â€” Applications in acidic modification-specific proteomics. Journal of Proteomics, 2011, 75, 317-328.	1.2	61
10	Comprehensive Quantitative Comparison of the Membrane Proteome, Phosphoproteome, and Sialiome of Human Embryonic and Neural Stem Cells. Molecular and Cellular Proteomics, 2014, 13, 311-328.	2.5	58
11	Quantitative proteomics by amino acid labeling in C. elegans. Nature Methods, 2011, 8, 845-847.	9.0	50
12	Structural Basis for Phosphorylation and Lysine Acetylation Cross-talk in a Kinase Motif Associated with Myocardial Ischemia and Cardioprotection. Journal of Biological Chemistry, 2014, 289, 25890-25906.	1.6	48
13	Global Analysis of Myocardial Peptides Containing Cysteines With Irreversible Sulfinic and Sulfonic Acid Post-Translational Modifications. Molecular and Cellular Proteomics, 2015, 14, 609-620.	2.5	34
14	A proteomeâ€scale study on in vivo protein N^{Î±}â€acetylation using an optimized method. Proteomics, 2011, 11, 81-93.	1.3	30
15	The temporal profile of activity-dependent presynaptic phospho-signalling reveals long-lasting patterns of poststimulus regulation. PLoS Biology, 2019, 17, e3000170.	2.6	29
16	Improving the Phosphoproteome Coverage for Limited Sample Amounts Using TiO2-SIMAC-HILIC (TiSH) Phosphopeptide Enrichment and Fractionation. Methods in Molecular Biology, 2016, 1355, 161-177.	0.4	28
17	TWIST1 and chromatin regulatory proteins interact to guide neural crest cell differentiation. ELife, 2021, 10, .	2.8	26
18	Generation of Aggregates of Î±-Lactalbumin by UV-B Light Exposure. Journal of Agricultural and Food Chemistry, 2020, 68, 6701-6714.	2.4	21

#	Article	IF	Citations
19	A presynaptic phosphosignaling hub for lasting homeostatic plasticity. Cell Reports, 2022, 39, 110696.	2.9	17
20	A Systems-level Characterization of the Differentiation of Human Embryonic Stem Cells into Mesenchymal Stem Cells*[S]. Molecular and Cellular Proteomics, 2019, 18, 1950-1966.	2.5	13
21	UHT treatment and storage of liquid infant formula affects protein digestion and release of bioactive peptides. Food and Function, 2022, 13, 344-355.	2.1	11
22	Site-Specific Characterization of Heat-Induced Disulfide Rearrangement in Beta-Lactoglobulin by Liquid Chromatographyâ€“Mass Spectrometry. Journal of Agricultural and Food Chemistry, 2022, 70, 847-856.	2.4	11
23	Adaptation of a Commonly Used, Chemically Defined Medium for Human Embryonic Stem Cells to Stable Isotope Labeling with Amino Acids in Cell Culture. Journal of Proteome Research, 2013, 12, 3233-3245.	1.8	10
24	Oxidation of Whey Proteins during Thermal Treatment Characterized by a Site-Specific LCâ€“MS/MS-Based Proteomic Approach. Journal of Agricultural and Food Chemistry, 2022, 70, 4391-4406.	2.4	7
25	Analysis of Protein Glycosylation and Phosphorylation Using HILIC-MS. Chromatographic Science, 2011, , 551-576.	0.1	5
26	SNAP-25 phosphorylation at Ser187 is not involved in Ca2+ or phorbolester-dependent potentiation of synaptic release. Molecular and Cellular Neurosciences, 2020, 102, 103452.	1.0	3
27	Identification of Novel Protein Functions and Signaling Mechanisms by Genetics and Quantitative Phosphoproteomics in Caenorhabditis elegans. Methods in Molecular Biology, 2014, 1188, 107-124.	0.4	3
28	The interaction of assembly protein AP180 and clathrin is inhibited by multi-site phospho-mimetics. Neurochemistry International, 2019, 129, 104474.	1.9	1
29	A Presynaptic Phosphosignaling Hub for Lasting Homeostatic Plasticity. SSRN Electronic Journal, 0, , .	0.4	1
30	Detection of protein oxidation products by fluorescence spectroscopy and trilinear data decomposition: Proof of concept. Food Chemistry, 2022, 396, 133732.	4.2	1
31	Cysteine residues are responsible for the sulfurous off-flavor formed in heated whey protein solutions. Food Chemistry Molecular Sciences, 2022, 5, 100120.	0.9	1
32	Structural basis for phosphorylation and lysine acetylation cross-talk in a kinase motif associated with myocardial ischemia and cardioprotection.. Journal of Biological Chemistry, 2014, 289, 33875.	1.6	0
33	Affinity Proteomics for Interactome and Phosphoproteome Screening in Synaptosomes. Neuromethods, 2018, , 165-191.	0.2	0
34	Quantitative phosphoproteomics of depolarizationâ€dependent protein phosphorylation in nerve terminals. FASEB Journal, 2010, 24, 905.2.	0.2	0
35	Stable isotope labeling with amino acids in cell culture (SILAC) of human embryonic stem cells under chemically defined culturing conditions. , 2012, , .		0