Athit Kao

List of Publications by Year
in descending order

13 papers	**733** citations	933447 **10** h-index	1125743 **13** g-index
13 all docs	**13** docs citations	**13** times ranked	**1014** citing authors

#	Article	IF	Citations
1	Development of a Novel Cross-linking Strategy for Fast and Accurate Identification of Cross-linked Peptides of Protein Complexes. Molecular and Cellular Proteomics, 2011, 10, M110.002170.	3.8	318
2	A New in Vivo Cross-linking Mass Spectrometry Platform to Define Protein–Protein Interactions in Living Cells. Molecular and Cellular Proteomics, 2014, 13, 3533-3543.	3.8	167
3	Mapping the Structural Topology of the Yeast 19S Proteasomal Regulatory Particle Using Chemical Cross-linking and Probabilistic Modeling. Molecular and Cellular Proteomics, 2012, 11, 1566-1577.	3.8	54
4	Synthesis of two new enrichable and MS-cleavable cross-linkers to define protein–protein interactions by mass spectrometry. Organic and Biomolecular Chemistry, 2015, 13, 5030-5037.	2.8	41
5	Developing New Isotope-Coded Mass Spectrometry-Cleavable Cross-Linkers for Elucidating Protein Structures. Analytical Chemistry, 2014, 86, 2099-2106.	6.5	36
6	Selective enrichment and identification of azide-tagged cross-linked peptides using chemical ligation and mass spectrometry. Journal of the American Society for Mass Spectrometry, 2010, 21, 1432-1445.	2.8	32
7	A Plasma-Based Protein Marker Panel for Colorectal Cancer Detection Identified by Multiplex Targeted Mass Spectrometry. Clinical Colorectal Cancer, 2016, 15, 186-194.e13.	2.3	29
8	A large-scale and robust dynamic MRM study of colorectal cancer biomarkers. Journal of Proteomics, 2018, 187, 80-92.	2.4	15
9	Design of CID-cleavable protein cross-linkers: identical mass modifications for simpler sequence analysis. Organic and Biomolecular Chemistry, 2015, 13, 9793-9807.	2.8	14
10	Discovery and validation of a colorectal cancer classifier in a new blood test with improved performance for high-risk subjects. Clinical Proteomics, 2017, 14, 28.	2.1	10
11	Characterizing the Dynamics of Proteasome Complexes by Proteomics Approaches. Antioxidants and Redox Signaling, 2014, 21, 2444-2456.	5.4	8
12	Discovery and Validation of Plasma-Protein Biomarker Panels for the Detection of Colorectal Cancer and Advanced Adenoma in a Danish Collection of Samples from Patients Referred for Diagnostic Colonoscopy. journal of applied laboratory medicine, The, 2016, 1, 181-193.	1.3	7
13	862 The Discovery and Validation of Blood Plasma Protein-Based Classifier Panels for Colorectal Cancer and Advanced Adenoma Using a Combined Mass Spectrometry- and ELISA-Based Workflow in Studies Including 1,605 Patient Samples. Gastroenterology, 2016, 150, S185.	1.3	2