Huiyan Li

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1388990/publications.pdf

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23	424	759233 12	752698 20
papers	citations	h-index	g-index

24	24	24	628
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Cross-reactivity in antibody microarrays and multiplexed sandwich assays: shedding light on the dark side of multiplexing. Current Opinion in Chemical Biology, 2014, 18, 29-37.	6.1	109
2	Hydrogel droplet microarrays with trapped antibody-functionalized beads for multiplexed protein analysis. Lab on A Chip, 2011, 11, 528-534.	6.0	46
3	Microfluidic-Mass Spectrometry Interfaces for Translational Proteomics. Trends in Biotechnology, 2017, 35, 954-970.	9.3	37
4	Immuno-Matrix-Assisted Laser Desorption/Ionization Assays for Quantifying AKT1 and AKT2 in Breast and Colorectal Cancer Cell Lines and Tumors. Analytical Chemistry, 2017, 89, 10592-10600.	6.5	30
5	Microarray-to-Microarray Transfer of Reagents by Snapping of Two Chips for Cross-Reactivity-Free Multiplex Immunoassays. Analytical Chemistry, 2012, 84, 4776-4783.	6.5	27
6	Affinity-mass spectrometric technologies for quantitative proteomics in biological fluids. TrAC - Trends in Analytical Chemistry, 2017, 90, 80-88.	11.4	19
7	Recent advances on protein-based quantification of extracellular vesicles. Analytical Biochemistry, 2021, 622, 114168.	2.4	19
8	Entrapping gold nanoparticles in membranes for simple-to-use enhanced fluorescence detection of proteins. Analytica Chimica Acta, 2022, 1195, 339443.	5.4	16
9	Microfluidic perfusion system for culturing and imaging yeast cell microarrays and rapidly exchanging media. Lab on A Chip, 2010, 10, 2449.	6.0	15
10	Evaluating mixtures of 14 hygroscopic additives to improve antibody microarray performance. Analytical and Bioanalytical Chemistry, 2015, 407, 8451-8462.	3.7	14
11	Pushing the detection limits: strategies towards highly sensitive optical-based protein detection. Analytical and Bioanalytical Chemistry, 2021, 413, 5995-6011.	3.7	14
12	Serial Analysis of 38 Proteins during the Progression of Human Breast Tumor in Mice Using an Antibody Colocalization Microarray*. Molecular and Cellular Proteomics, 2015, 14, 1024-1037.	3.8	12
13	Immunohistochemistry Microarrays. Analytical Chemistry, 2017, 89, 8620-8625.	6.5	12
14	A versatile snap chip for high-density sub-nanoliter chip-to-chip reagent transfer. Scientific Reports, 2015, 5, 11688.	3.3	8
15	Bead-Extractor Assisted Ready-to-Use Reagent System (BEARS) for Immunoprecipitation Coupled to MALDI-MS. Analytical Chemistry, 2017, 89, 3834-3839.	6.5	8
16	Immuno-MALDI (iMALDI) mass spectrometry for the analysis of proteins in signaling pathways. Expert Review of Proteomics, 2018, 15, 701-708.	3.0	8
17	Extracellular Vesicle (EV) Dot Blotting for Multiplexed EV Protein Detection in Complex Biofluids. Analytical Chemistry, 2022, 94, 7368-7374.	6.5	8
18	Hydrogel Stamping for Rapid, Multiplexed, Point-of-Care Immunostaining of Cells and Tissues. ACS Applied Materials & Interfaces, 2022, 14, 27613-27622.	8.0	7

#	Article	IF	Citations
19	Antibody Colocalization Microarray for Cross-Reactivity-Free Multiplexed Protein Analysis. Methods in Molecular Biology, 2017, 1619, 239-261.	0.9	5
20	Peptide and Protein Quantification Using Automated Immuno-MALDI (iMALDI). Journal of Visualized Experiments, 2017, , .	0.3	3
21	Snap Chip for Cross-reactivity-free and Spotter-free Multiplexed Sandwich Immunoassays. Journal of Visualized Experiments, 2017, , .	0.3	3
22	Methods for Enhanced Fluorescence Detection of Proteins by using Entrapped Gold Nanoparticles in Membranes. Current Protocols, 2022, 2, e404.	2.9	3
23	Inâ€silico selection of cancer blood plasma proteins by integrating genomic and proteomic databases. Proteomics, 2022, 22, 2100230.	2.2	1