

Li-Rong Yu

List of Publications by Year in descending order

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81
papers

5,766
citations

87888

38
h-index

76900

74
g-index

84
all docs

84
docs citations

84
times ranked

9098
citing authors

#	ARTICLE	IF	CITATIONS
1	Doxorubicin Cardiotoxicity: Preclinical and Clinical Circulating Protein Markers. <i>Biomarkers in Disease</i> , 2022, , 1-27.	0.1	1
2	Mass Spectrometry-Based Proteomics for Biomarker Discovery. <i>Methods in Molecular Biology</i> , 2022, 2486, 3-17.	0.9	4
3	Characterization of Phosphorylated Proteins Using Mass Spectrometry. <i>Current Protein and Peptide Science</i> , 2021, 22, 148-157.	1.4	4
4	Discovery of Novel Proteomic Biomarkers for the Prediction of Kidney Recovery from Dialysis-Dependent AKI Patients. <i>Kidney360</i> , 2021, 2, 1716-1727.	2.1	16
5	Serum metabolite profiles predict outcomes in critically ill patients receiving renal replacement therapy. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021, 1187, 123024.	2.3	8
6	Stability of the Human Plasma Proteome to Pre-analytical Variability as Assessed by an Aptamer-Based Approach. <i>Journal of Proteome Research</i> , 2019, 18, 3661-3670.	3.7	17
7	An Integrated Analysis of Metabolites, Peptides, and Inflammation Biomarkers for Assessment of Preanalytical Variability of Human Plasma. <i>Journal of Proteome Research</i> , 2019, 18, 2411-2421.	3.7	20
8	Apoptosis of enterocytes and nitration of junctional complex proteins promote alcohol-induced gut leakiness and liver injury. <i>Journal of Hepatology</i> , 2018, 69, 142-153.	3.7	58
9	Immune response proteins as predictive biomarkers of doxorubicin-induced cardiotoxicity in breast cancer patients. <i>Experimental Biology and Medicine</i> , 2018, 243, 248-255.	2.4	29
10	Aptamer-Based Proteomics Identifies Mortality-Associated Serum Biomarkers in Dialysis-Dependent AKI Patients. <i>Kidney International Reports</i> , 2018, 3, 1202-1213.	0.8	20
11	An Aptamer-Based Approach to Assess the Human Plasma Proteome for Pre-Analytical Variability. <i>FASEB Journal</i> , 2018, 32, 802.5.	0.5	0
12	Transforming Growth Factor- β 2 (TGF- β 2) Directly Activates the JAK1-STAT3 Axis to Induce Hepatic Fibrosis in Coordination with the SMAD Pathway. <i>Journal of Biological Chemistry</i> , 2017, 292, 4302-4312.	3.4	201
13	CHD4 Has Oncogenic Functions in Initiating and Maintaining Epigenetic Suppression of Multiple Tumor Suppressor Genes. <i>Cancer Cell</i> , 2017, 31, 653-668.e7.	16.8	134
14	A systematic evaluation of microRNAs in regulating human hepatic CYP2E1. <i>Biochemical Pharmacology</i> , 2017, 138, 174-184.	4.4	36
15	MicroRNA hsa-miR-370-3p suppresses the expression and induction of CYP2D6 by facilitating mRNA degradation. <i>Biochemical Pharmacology</i> , 2017, 140, 139-149.	4.4	57
16	Proteomic analysis of acetaminophen-induced hepatotoxicity and identification of heme oxygenase 1 as a potential plasma biomarker of liver injury. <i>Proteomics - Clinical Applications</i> , 2017, 11, 1600123.	1.6	26
17	Early metabolomics changes in heart and plasma during chronic doxorubicin treatment in B6C3F ₁ mice. <i>Journal of Applied Toxicology</i> , 2016, 36, 1486-1495.	2.8	37
18	Early transcriptional changes in cardiac mitochondria during chronic doxorubicin exposure and mitigation by dexrazoxane in mice. <i>Toxicology and Applied Pharmacology</i> , 2016, 295, 68-84.	2.8	33

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19	Integrated microRNA, mRNA, and protein expression profiling reveals microRNA regulatory networks in rat kidney treated with a carcinogenic dose of aristolochic acid. <i>BMC Genomics</i> , 2015, 16, 365.	2.8	32
20	Critical role of c-jun N-terminal protein kinase in promoting mitochondrial dysfunction and acute liver injury. <i>Redox Biology</i> , 2015, 6, 552-564.	9.0	41
21	Proteins in aggregates functionally impact multiple neurodegenerative disease models by forming proteasome-blocking complexes. <i>Aging Cell</i> , 2015, 14, 35-48.	6.7	54
22	Cell cycle-dependent phosphorylation of nucleophosmin and its potential regulation by peptidyl-prolyl cis/trans isomerase. <i>Journal of Molecular Biochemistry</i> , 2015, 4, 95-103.	0.1	7
23	Proteomics quality and standard: From a regulatory perspective. <i>Journal of Proteomics</i> , 2014, 96, 353-359.	2.4	11
24	Phosphopeptide Enrichment Using Offline Titanium Dioxide Columns for Phosphoproteomics. <i>Methods in Molecular Biology</i> , 2013, 1002, 93-103.	0.9	7
25	Identification of the Enzyme Responsible for <i>N</i> -Acetylation of Norfloxacin by <i>Microbacterium</i> sp. Strain 4N2-2. <i>Applied and Environmental Microbiology</i> , 2013, 79, 314-321.	3.1	14
26	An integrated understanding of the physiological response to elevated extracellular phosphate. <i>Journal of Cellular Physiology</i> , 2013, 228, 1536-1550.	4.1	94
27	Functional Robustness of a Polycyclic Aromatic Hydrocarbon Metabolic Network Examined in a <i>nidA</i> Aromatic Ring-Hydroxylating Oxygenase Mutant of <i>Mycobacterium vanbaalenii</i> PYR-1. <i>Applied and Environmental Microbiology</i> , 2012, 78, 3715-3723.	3.1	36
28	Identification of a novel Wnt5a-CK1 μ -Dvl2-Plk1-mediated primary cilia disassembly pathway. <i>EMBO Journal</i> , 2012, 31, 3104-3117.	7.8	148
29	Systematic Proteome Analysis Identifies Transcription Factor YY1 as a Direct Target of miR-34a. <i>Journal of Proteome Research</i> , 2011, 10, 479-487.	3.7	84
30	Proteomic analysis of early response lymph node proteins in mice treated with titanium dioxide nanoparticles. <i>Journal of Proteomics</i> , 2011, 74, 2745-2759.	2.4	37
31	Pharmacoproteomics and toxicoproteomics: The field of dreams. <i>Journal of Proteomics</i> , 2011, 74, 2549-2553.	2.4	18
32	Distinct roles of GCN5/PCAF-mediated H3K9ac and CBP/p300-mediated H3K18/27ac in nuclear receptor transactivation. <i>EMBO Journal</i> , 2011, 30, 249-262.	7.8	655
33	Increased oxidative modifications of cytosolic proteins in 3,4-methylenedioxymethamphetamine (MDMA), Tj ETQg1 1 0.784314 rgB	2.2	16
34	Inhibition of <i>Staphylococcus aureus</i> by Lysostaphin-Expressing <i>Lactobacillus plantarum</i> WCFS1 in a Modified Genital Tract Secretion Medium. <i>Applied and Environmental Microbiology</i> , 2011, 77, 8500-8508.	3.1	16
35	Polycyclic Aromatic Hydrocarbon Metabolic Network in <i>Mycobacterium vanbaalenii</i> PYR-1. <i>Journal of Bacteriology</i> , 2011, 193, 4326-4337.	2.2	125
36	Regulation of microtubule-based microtubule nucleation by mammalian polo-like kinase 1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 11446-11451.	7.1	86

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37	RSK-Mediated Phosphorylation in the C/EBP β Leucine Zipper Regulates DNA Binding, Dimerization, and Growth Arrest Activity. <i>Molecular and Cellular Biology</i> , 2010, 30, 2621-2635.	2.3	63
38	Global Genomic and Proteomic Analysis Identifies Biological Pathways Related to High-Risk Neuroblastoma. <i>Journal of Proteome Research</i> , 2010, 9, 373-382.	3.7	38
39	Proteomics: The Deciphering of the Functional Genome. , 2009, , 173-179.		0
40	Quantitative proteomics for drug toxicity. <i>Briefings in Functional Genomics & Proteomics</i> , 2009, 8, 158-166.	3.8	29
41	A Negative Feedback Control of Transforming Growth Factor- β Signaling by Glycogen Synthase Kinase 3-mediated Smad3 Linker Phosphorylation at Ser-204. <i>Journal of Biological Chemistry</i> , 2009, 284, 19808-19816.	3.4	69
42	Oxidant-induced apoptosis is mediated by oxidation of the actin-regulatory protein cofilin. <i>Nature Cell Biology</i> , 2009, 11, 1241-1246.	10.3	214
43	Plk1-Dependent and -Independent Roles of an ODF2 Splice Variant, hCenexin1, at the Centrosome of Somatic Cells. <i>Developmental Cell</i> , 2009, 16, 539-550.	7.0	86
44	Mechanism of 3,4-methylenedioxymethamphetamine (MDMA, ecstasy)-mediated mitochondrial dysfunction in rat liver. <i>Proteomics</i> , 2008, 8, 3906-3918.	2.2	53
45	Requirement for the Budding Yeast Polo Kinase Cdc5 in Proper Microtubule Growth and Dynamics. <i>Eukaryotic Cell</i> , 2008, 7, 444-453.	3.4	35
46	AACR-FDA-NCI cancer biomarkers collaborative. <i>Expert Review of Molecular Diagnostics</i> , 2007, 7, 507-509.	3.1	4
47	Quantitative proteomic analysis of human breast epithelial cells with differential telomere length. <i>Biochemical and Biophysical Research Communications</i> , 2007, 356, 942-947.	2.1	9
48	Identification of JmjC domain-containing UTX and JMJD3 as histone H3 lysine 27 demethylases. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 18439-18444.	7.1	607
49	Improved Titanium Dioxide Enrichment of Phosphopeptides from HeLa Cells and High Confident Phosphopeptide Identification by Cross-Validation of MS/MS and MS/MS/MS Spectra. <i>Journal of Proteome Research</i> , 2007, 6, 4150-4162.	3.7	129
50	Phosphoproteomics for the discovery of kinases as cancer biomarkers and drug targets. <i>Proteomics - Clinical Applications</i> , 2007, 1, 1042-1057.	1.6	42
51	Proteomic analysis of protein expression changes in a model of gliomagenesis. <i>Proteomics - Clinical Applications</i> , 2007, 1, 1485-1498.	1.6	3
52	Parallel Analysis of Transcript and Translation Profiles: Identification of Metastasis-Related Signal Pathways Differentially Regulated by Drug and Genetic Modifications. <i>Journal of Proteome Research</i> , 2006, 5, 1555-1567.	3.7	9
53	Combined Chemical and Enzymatic Stable Isotope Labeling for Quantitative Profiling of Detergent-Insoluble Membrane Proteins Isolated Using Triton X-100 and Brij-96. <i>Journal of Proteome Research</i> , 2006, 5, 349-360.	3.7	52
54	Self-Regulated Plk1 Recruitment to Kinetochores by the Plk1-PBIP1 Interaction Is Critical for Proper Chromosome Segregation. <i>Molecular Cell</i> , 2006, 24, 409-422.	9.7	235

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55	Regulation of androgen receptor activity by tyrosine phosphorylation. <i>Cancer Cell</i> , 2006, 10, 309-319.	16.8	325
56	Direct Phosphorylation and Activation of a Nim1-related Kinase Gin4 by Elm1 in Budding Yeast. <i>Journal of Biological Chemistry</i> , 2006, 281, 27090-27098.	3.4	51
57	Concerted mechanism of Swe1/Wee1 regulation by multiple kinases in budding yeast. <i>EMBO Journal</i> , 2005, 24, 2194-2204.	7.8	94
58	Quantitative Proteomic Analysis of Sokotasterol Sulfate-stimulated Primary Human Endothelial Cells. <i>Molecular and Cellular Proteomics</i> , 2005, 4, 191-204.	3.8	14
59	Pooled ORF Expression Technology (POET). <i>Molecular and Cellular Proteomics</i> , 2005, 4, 1647-1652.	3.8	10
60	Quantitative Profiling of the Detergent-Resistant Membrane Proteome of Iota-b Toxin Induced Vero Cells. <i>Journal of Proteome Research</i> , 2005, 4, 523-531.	3.7	75
61	A Combined Proteome and Microarray Investigation of Inorganic Phosphate-induced Pre-osteoblast Cells. <i>Molecular and Cellular Proteomics</i> , 2005, 4, 1284-1296.	3.8	113
62	The Proteomics of Neurodegeneration. <i>Molecular Diagnosis and Therapy</i> , 2005, 5, 259-270.	3.3	30
63	Diagnostic Proteomics: Serum Proteomic Patterns for the Detection of Early Stage Cancers. <i>Disease Markers</i> , 2004, 19, 209-218.	1.3	7
64	Proteome Analysis of DNA Damage-induced Neuronal Death Using High Throughput Mass Spectrometry. <i>Journal of Biological Chemistry</i> , 2004, 279, 26685-26697.	3.4	25
65	Coupling morphogenesis to mitotic entry. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 4124-4129.	7.1	116
66	Global Analysis of the Cortical Neuron Proteome. <i>Molecular and Cellular Proteomics</i> , 2004, 3, 896-907.	3.8	58
67	A Proteomic Characterization of the Plasma Membrane of Human Epidermis by High-Throughput Mass Spectrometry. <i>Journal of Investigative Dermatology</i> , 2004, 123, 691-699.	0.7	76
68	A detergent- and cyanogen bromide-free method for integral membrane proteomics: Application to Halobacterium purple membranes and the human epidermal membrane proteome. <i>Proteomics</i> , 2004, 4, 31-45.	2.2	140
69	Profiling the activity of G proteins in patient-derived tissues by rapid affinity-capture of signal transduction proteins (GRASP). <i>Proteomics</i> , 2004, 4, 812-818.	2.2	14
70	Proteomic analysis of detergent-resistant membrane rafts. <i>Electrophoresis</i> , 2004, 25, 1307-1318.	2.4	78
71	Quantitative proteomic analysis of inorganic phosphate-induced murine MC3T3-E1 osteoblast cells. <i>Electrophoresis</i> , 2004, 25, 1342-1352.	2.4	45
72	Analysis of Murine Natural Killer Cell Microsomal Proteins Using Two-Dimensional Liquid Chromatography Coupled to Tandem Electrospray Ionization Mass Spectrometry. <i>Journal of Proteome Research</i> , 2004, 3, 862-870.	3.7	19

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73	Evaluation of the Acid-Cleavable Isotope-Coded Affinity Tag Reagents: Application to Camptothecin-Treated Cortical Neurons. <i>Journal of Proteome Research</i> , 2004, 3, 469-477.	3.7	64
74	Multidimensional Proteome Analysis of Human Mammary Epithelial Cells. <i>Journal of Proteome Research</i> , 2004, 3, 68-75.	3.7	91
75	Detection of in situ labeled cell surface proteins by mass spectrometry: Application to the membrane subproteome of human mammary epithelial cells. <i>Proteomics</i> , 2003, 3, 1647-1651.	2.2	27
76	Phosphoprotein Isotope-Coded Solid-Phase Tag Approach for Enrichment and Quantitative Analysis of Phosphopeptides from Complex Mixtures. <i>Analytical Chemistry</i> , 2003, 75, 5441-5450.	6.5	140
77	On-Column Sample Enrichment for Capillary Electrophoresis Sheathless Electrospray Ionization Mass Spectrometry: Evaluation for Peptide Analysis and Protein Identification. <i>Analytical Chemistry</i> , 2003, 75, 5984-5993.	6.5	61
78	Proteomic Analysis by Two-Dimensional Polyacrylamide Gel Electrophoresis. <i>Advances in Protein Chemistry</i> , 2003, 65, 57-84.	4.4	9
79	Proteome analysis of camptothecin-treated cortical neurons using isotope-coded affinity tags. <i>Electrophoresis</i> , 2002, 23, 1591.	2.4	37
80	Proteome alterations in human hepatoma cells transfected with antisense epidermal growth factor receptor sequence. <i>Electrophoresis</i> , 2001, 22, 3001-3008.	2.4	28
81	Identification of differentially expressed proteins between human hepatoma and normal liver cell lines by two-dimensional electrophoresis and liquid chromatography-ion trap mass spectrometry. <i>Electrophoresis</i> , 2000, 21, 3058-3068.	2.4	150