

Hong Li

List of Publications by Year in descending order

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Version: 2024-02-01

120
papers

6,663
citations

53794

45
h-index

69250

77
g-index

127
all docs

127
docs citations

127
times ranked

12670
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel role for endoplasmic reticulum protein 46 (ERp46) in platelet function and arterial thrombosis in mice. <i>Blood</i> , 2022, 139, 2050-2065.	1.4	3
2	Proteomic cellular signatures of kinase inhibitor-induced cardiotoxicity. <i>Scientific Data</i> , 2022, 9, 18.	5.3	2
3	IDH2-mediated regulation of the biogenesis of the oxidative phosphorylation system. <i>Science Advances</i> , 2022, 8, eabl8716.	10.3	10
4	A nerve injury-specific long noncoding RNA promotes neuropathic pain by increasing Ccl2 expression. <i>Journal of Clinical Investigation</i> , 2022, 132, .	8.2	34
5	Selective cysteines oxidation in soluble guanylyl cyclase catalytic domain is involved in NO activation. <i>Free Radical Biology and Medicine</i> , 2021, 162, 450-460.	2.9	13
6	Proteomic analysis of mitochondrial biogenesis in cardiomyocytes differentiated from human induced pluripotent stem cells. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2021, 320, R547-R562.	1.8	14
7	SOD1 regulates ribosome biogenesis in KRAS mutant non-small cell lung cancer. <i>Nature Communications</i> , 2021, 12, 2259.	12.8	38
8	Downregulation of a Dorsal Root Ganglion-specifically Enriched Long Noncoding RNA is Required for Neuropathic Pain by Negatively Regulating RALY-triggered Ehmt2 Expression. <i>Advanced Science</i> , 2021, 8, e2004515.	11.2	34
9	ATR/ATM-Mediated Phosphorylation of BRCA1 T1394 Promotes Homologous Recombinational Repair and G2-M Checkpoint Maintenance. <i>Cancer Research</i> , 2021, 81, 4676-4684.	0.9	14
10	Dissecting the concordant and disparate roles of NDUF3 and NDUF4 in mitochondrial complex I biogenesis. <i>IScience</i> , 2021, 24, 102869.	4.1	8
11	LIM-Nebulette Reinforces Podocyte Structural Integrity by Linking Actin and Vimentin Filaments. <i>Journal of the American Society of Nephrology: JASN</i> , 2020, 31, 2372-2391.	6.1	22
12	Plasminogenuria is associated with podocyte injury, edema, and kidney dysfunction in incident glomerular disease. <i>FASEB Journal</i> , 2020, 34, 16191-16204.	0.5	11
13	Cyclophilin A Inhibitor Debio-025 Targets Crk, Reduces Metastasis, and Induces Tumor Immunogenicity in Breast Cancer. <i>Molecular Cancer Research</i> , 2020, 18, 1189-1201.	3.4	14
14	Prevention of connexin-43 remodeling protects against Duchenne muscular dystrophy cardiomyopathy. <i>Journal of Clinical Investigation</i> , 2020, 130, 1713-1727.	8.2	52
15	Disruption of podocyte cytoskeletal biomechanics by dasatinib leads to nephrotoxicity. <i>Nature Communications</i> , 2019, 10, 2061.	12.8	54
16	Glycogen Synthase Kinase-3 Promotes Fatty Acid Uptake and Lipotoxic Cardiomyopathy. <i>Cell Metabolism</i> , 2019, 29, 1119-1134.e12.	16.2	77
17	Comprehensive identification of protein disulfide bonds with pepsin/trypsin digestion, Orbitrap HCD and Spectrum Identification Machine. <i>Journal of Proteomics</i> , 2019, 198, 78-86.	2.4	9
18	An alternative mitophagy pathway mediated by Rab9 protects the heart against ischemia. <i>Journal of Clinical Investigation</i> , 2019, 129, 802-819.	8.2	177

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19	Protein S Protects against Podocyte Injury in Diabetic Nephropathy. <i>Journal of the American Society of Nephrology: JASN</i> , 2018, 29, 1397-1410.	6.1	34
20	A role for <i>Saccharomyces cerevisiae</i> Centrin (Cdc31) in mitochondrial function and biogenesis. <i>Molecular Microbiology</i> , 2018, 110, 831-846.	2.5	3
21	Biotin Switch Processing and Mass Spectrometry Analysis of S-Nitrosated Thioredoxin and Its Transnitrosation Targets. <i>Methods in Molecular Biology</i> , 2018, 1747, 253-266.	0.9	3
22	A Rab5 endosomal pathway mediates Parkin-dependent mitochondrial clearance. <i>Nature Communications</i> , 2017, 8, 14050.	12.8	154
23	Nectin-like 4 Complexes with Choline Transporter-like Protein-1 and Regulates Schwann Cell Choline Homeostasis and Lipid Biogenesis in Vitro. <i>Journal of Biological Chemistry</i> , 2017, 292, 4484-4498.	3.4	13
24	Potential protein biomarkers for burning mouth syndrome discovered by quantitative proteomics. <i>Molecular Pain</i> , 2017, 13, 174480691668679.	2.1	28
25	Sulfonation of the resolving cysteine in human peroxiredoxin 1: A comprehensive analysis by mass spectrometry. <i>Free Radical Biology and Medicine</i> , 2017, 108, 785-792.	2.9	9
26	Mass Spectrometric Analysis of SOX11-Binding Proteins in Head and Neck Cancer Cells Demonstrates the Interaction of SOX11 and HSP90 α . <i>Journal of Proteome Research</i> , 2017, 16, 3961-3968.	3.7	23
27	Guanylyl cyclase sensitivity to nitric oxide is protected by a thiol oxidation-driven interaction with thioredoxin-1. <i>Journal of Biological Chemistry</i> , 2017, 292, 14362-14370.	3.4	25
28	The disulfide isomerase ERp72 supports arterial thrombosis in mice. <i>Blood</i> , 2017, 130, 817-828.	1.4	45
29	Cell shape information is transduced through tension-independent mechanisms. <i>Nature Communications</i> , 2017, 8, 2145.	12.8	47
30	Two Bioactive Molecular Weight Fractions of a Conditioned Medium Enhance RPE Cell Survival on Age-Related Macular Degeneration and Aged Bruch's Membrane. <i>Translational Vision Science and Technology</i> , 2016, 5, 8.	2.2	10
31	Identification of novel S-nitrosation sites in soluble guanylyl cyclase, the nitric oxide receptor. <i>Journal of Proteomics</i> , 2016, 138, 40-47.	2.4	28
32	Tyrosine kinase FYN negatively regulates NOX4 in cardiac remodeling. <i>Journal of Clinical Investigation</i> , 2016, 126, 3403-3416.	8.2	66
33	S-Nitrosylation in Organs of Mice Exposed to Low or High Doses of β -Rays: The Modulating Effect of Iodine Contrast Agent at a Low Radiation Dose. <i>Proteomes</i> , 2015, 3, 56-73.	3.5	4
34	PKA and CDK5 can phosphorylate specific serines on the intracellular domain of podoplanin (PDPN) to inhibit cell motility. <i>Experimental Cell Research</i> , 2015, 335, 115-122.	2.6	21
35	Master redox regulator Trx1 upregulates SMYD1 & modulates lysine methylation. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2015, 1854, 1816-1822.	2.3	11
36	Morphine Regulated Synaptic Networks Revealed by Integrated Proteomics and Network Analysis. <i>Molecular and Cellular Proteomics</i> , 2015, 14, 2564-2576.	3.8	16

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37	MicroRNA-7 activates Nrf2 pathway by targeting Keap1 expression. <i>Free Radical Biology and Medicine</i> , 2015, 89, 548-556.	2.9	116
38	mTORC2 Regulates Cardiac Response to Stress by Inhibiting MST1. <i>Cell Reports</i> , 2015, 11, 125-136.	6.4	110
39	Mapping Soluble Guanylyl Cyclase and Protein Disulfide Isomerase Regions of Interaction. <i>PLoS ONE</i> , 2015, 10, e0143523.	2.5	10
40	Identification of Novel Nuclear Targets of Human Thioredoxin 1. <i>Molecular and Cellular Proteomics</i> , 2014, 13, 3507-3518.	3.8	17
41	Interconnected Network Motifs Control Podocyte Morphology and Kidney Function. <i>Science Signaling</i> , 2014, 7, ra12.	3.6	53
42	MicroRNA-7 Protects against 1-Methyl-4-Phenylpyridinium-Induced Cell Death by Targeting RelA. <i>Journal of Neuroscience</i> , 2014, 34, 12725-12737.	3.6	85
43	A Redox-Dependent Mechanism for Regulation of AMPK Activation by Thioredoxin1 during Energy Starvation. <i>Cell Metabolism</i> , 2014, 19, 232-245.	16.2	194
44	Mst1 Promotes Cardiac Myocyte Apoptosis through Phosphorylation and Inhibition of Bcl-xL. <i>Molecular Cell</i> , 2014, 54, 639-650.	9.7	110
45	Blocking eIF5A Modification in Cervical Cancer Cells Alters the Expression of Cancer-Related Genes and Suppresses Cell Proliferation. <i>Cancer Research</i> , 2014, 74, 552-562.	0.9	80
46	Host Biomarkers of Invasive Pulmonary Aspergillosis To Monitor Therapeutic Response. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 3373-3378.	3.2	18
47	Biological significance and therapeutic implication of resveratrol-inhibited Wnt, Notch and STAT3 signaling in cervical cancer cells. <i>Genes and Cancer</i> , 2014, 5, 154-164.	1.9	78
48	Design and properties of efficient tRNA:EF-Tu FRET system for studies of ribosomal translation. <i>Protein Engineering, Design and Selection</i> , 2013, 26, 347-357.	2.1	3
49	Proteomic Mechanisms of Cardioprotection during Mammalian Hibernation in Woodchucks, <i><i>Marmota monax</i></i> . <i>Journal of Proteome Research</i> , 2013, 12, 4221-4229.	3.7	8
50	Polyester Modification of the Mammalian TRPM8 Channel Protein: Implications for Structure and Function. <i>Cell Reports</i> , 2013, 4, 302-315.	6.4	48
51	A multidimensional approach to an in-depth proteomics analysis of transcriptional regulators in neuroblastoma cells. <i>Journal of Neuroscience Methods</i> , 2013, 216, 118-127.	2.5	8
52	Functional proteomics approaches for the identification of transnitrosylase and denitrosylase targets. <i>Methods</i> , 2013, 62, 151-160.	3.8	22
53	Identification of Thioredoxin Target Protein Networks in Cardiac Tissues of a Transgenic Mouse. <i>Methods in Molecular Biology</i> , 2013, 1005, 181-197.	0.9	3
54	Differential Regulation of Host Genes Including Hepatic Fatty Acid Synthase in HBV-Transgenic Mice. <i>Journal of Proteome Research</i> , 2013, 12, 2967-2979.	3.7	19

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55	Identification of Bax-Interacting Proteins in Oligodendrocyte Progenitors during Glutamate Excitotoxicity and Perinatal Hypoxia/Ischemia. <i>ASN Neuro</i> , 2013, 5, AN20130027.	2.7	25
56	Mst1 inhibits autophagy by promoting the interaction between Beclin1 and Bcl-2. <i>Nature Medicine</i> , 2013, 19, 1478-1488.	30.7	426
57	Externalized Glycolytic Enzymes Are Novel, Conserved, and Early Biomarkers of Apoptosis. <i>Journal of Biological Chemistry</i> , 2012, 287, 10325-10343.	3.4	46
58	Role of the translationally controlled tumor protein in DNA damage sensing and repair. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, E926-33.	7.1	78
59	Purkinje cell dysfunction and delayed death in plasma membrane calcium ATPase 2-heterozygous mice. <i>Molecular and Cellular Neurosciences</i> , 2012, 51, 22-31.	2.2	12
60	iTRAQ Proteomics Profiling of Regulatory Proteins During Oligodendrocyte Differentiation. <i>Neuromethods</i> , 2012, , 119-138.	0.3	1
61	Proteomic Identification of Immunoproteasome Accumulation in Formalin-Fixed Rodent Spinal Cords with Experimental Autoimmune Encephalomyelitis. <i>Journal of Proteome Research</i> , 2012, 11, 1791-1803.	3.7	27
62	Distinction of thioredoxin transnitrosylation and denitrosylation target proteins by the ICAT quantitative approach. <i>Journal of Proteomics</i> , 2011, 74, 2498-2509.	2.4	67
63	Cell-Deposited Matrix Improves Retinal Pigment Epithelium Survival on Aged Submacular Human Bruch's Membrane. , 2011, 52, 1345.		37
64	Thioredoxin 1-Mediated Post-Translational Modifications: Reduction, Transnitrosylation, Denitrosylation, and Related Proteomics Methodologies. <i>Antioxidants and Redox Signaling</i> , 2011, 15, 2565-2604.	5.4	103
65	Proteomic identification of novel targets regulated by the mammalian target of rapamycin pathway during oligodendrocyte differentiation. <i>Glia</i> , 2011, 59, 1754-1769.	4.9	60
66	The Proteomic Signature of <i>Aspergillus fumigatus</i> During Early Development. <i>Molecular and Cellular Proteomics</i> , 2011, 10, M111.010108.	3.8	37
67	Profiling the <i>Aspergillus fumigatus</i> Proteome in Response to Caspofungin. <i>Antimicrobial Agents and Chemotherapy</i> , 2011, 55, 146-154.	3.2	57
68	In Vivo Space Radiation-Induced Non-Targeted Responses: Late Effects on Molecular Signaling in Mitochondria. <i>Current Molecular Pharmacology</i> , 2011, 4, 106-114.	1.5	46
69	Reduced expression of plasma membrane calcium ATPase 2 and collapsin response mediator protein 1 promotes death of spinal cord neurons. <i>Cell Death and Differentiation</i> , 2010, 17, 1501-1510.	11.2	40
70	Redox Regulatory Mechanism of Transnitrosylation by Thioredoxin. <i>Molecular and Cellular Proteomics</i> , 2010, 9, 2262-2275.	3.8	115
71	Upregulation of Nox4 by Hypertrophic Stimuli Promotes Apoptosis and Mitochondrial Dysfunction in Cardiac Myocytes. <i>Circulation Research</i> , 2010, 106, 1253-1264.	4.5	446
72	Elucidation of Thioredoxin Target Protein Networks in Mouse. <i>Molecular and Cellular Proteomics</i> , 2009, 8, 1674-1687.	3.8	71

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73	Post-translational modifications of connexin26 revealed by mass spectrometry. <i>Biochemical Journal</i> , 2009, 424, 385-398.	3.7	54
74	Identification and characterization of Runx2 phosphorylation sites involved in matrix metalloproteinase-13 promoter activation. <i>FEBS Letters</i> , 2009, 583, 1141-1146.	2.8	56
75	Myelin Lipid Abnormalities in the Aspartoacylase-Deficient Tremor Rat. <i>Neurochemical Research</i> , 2009, 34, 138-148.	3.3	36
76	Altered proteolytic events in experimental autoimmune encephalomyelitis discovered by iTRAQ shotgun proteomics analysis of spinal cord. <i>Proteome Science</i> , 2009, 7, 25.	1.7	27
77	Ciliary neurotrophic factor (CNTF) plus soluble CNTF receptor $\hat{\pm}$ increases cyclooxygenase-2 expression, PGE2 release and interferon- $\hat{\gamma}$ -induced CD40 in murine microglia. <i>Journal of Neuroinflammation</i> , 2009, 6, 7.	7.2	24
78	iTRAQ-Based Shotgun Neuroproteomics. <i>Methods in Molecular Biology</i> , 2009, 566, 201-216.	0.9	21
79	Aberrant regulation of choline metabolism by mitochondrial electron transport system inhibition in neuroblastoma cells. <i>Metabolomics</i> , 2008, 4, 347-356.	3.0	27
80	Amiotrophic lateral sclerosis: Protein chaperone dysfunction revealed by proteomic studies of animal models. <i>Proteomics - Clinical Applications</i> , 2008, 2, 670-684.	1.6	22
81	A strategy for direct identification of protein S-nitrosylation sites by quadrupole time-of-flight mass spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2008, 19, 1353-1360.	2.8	71
82	Heterodimerization with small Maf proteins enhances nuclear retention of Nrf2 via masking the NESzip motif. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2008, 1783, 1847-1856.	4.1	98
83	Purification and mass spectrometric analysis of the $\hat{\mu}$ opioid receptor. <i>Brain Research</i> , 2008, 1230, 13-26.	2.2	16
84	Quantitative Analysis of Redox-Sensitive Proteome with DIGE and ICAT. <i>Journal of Proteome Research</i> , 2008, 7, 3789-3802.	3.7	101
85	A Redox-Dependent Pathway for Regulating Class II HDACs and Cardiac Hypertrophy. <i>Cell</i> , 2008, 133, 978-993.	28.9	316
86	Nuclear Factor 45 (NF45) Is a Regulatory Subunit of Complexes with NF90/110 Involved in Mitotic Control. <i>Molecular and Cellular Biology</i> , 2008, 28, 4629-4641.	2.3	103
87	Quantitative Proteomic Analysis of Formalin Fixed Paraffin Embedded Oral HPV Lesions from HIV Patients. <i>The Open Proteomics Journal</i> , 2008, 1, 40-45.	0.4	36
88	Molecular alterations in the cerebellum of the plasma membrane calcium ATPase 2 (PMCA2)-null mouse indicate abnormalities in Purkinje neurons. <i>Molecular and Cellular Neurosciences</i> , 2007, 34, 178-188.	2.2	46
89	Identification of Differentially Expressed Proteins in Experimental Autoimmune Encephalomyelitis (EAE) by Proteomic Analysis of the Spinal Cord. <i>Journal of Proteome Research</i> , 2007, 6, 2565-2575.	3.7	60
90	Post-Translational Modifications in the Rat Lumbar Spinal Cord in Experimental Autoimmune Encephalomyelitis. <i>Journal of Proteome Research</i> , 2007, 6, 2786-2791.	3.7	29

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91	Proteomic strategies in multiple sclerosis and its animal models. <i>Proteomics - Clinical Applications</i> , 2007, 1, 1393-1405.	1.6	11
92	Nutrient starvation promotes condensin loading to maintain rDNA stability. <i>EMBO Journal</i> , 2007, 26, 448-458.	7.8	64
93	Bimodal occurrence of aspartoacylase in myelin and cytosol of brain. <i>Journal of Neurochemistry</i> , 2007, 101, 448-457.	3.9	12
94	Characterization of the biochemical and biophysical properties of the phosphatidylserine receptor (PS-R) gene product. <i>Molecular and Cellular Biochemistry</i> , 2007, 304, 119-125.	3.1	34
95	Optimized proteomic analysis of a mouse model of cerebellar dysfunction using amine-specific isobaric tags. <i>Proteomics</i> , 2006, 6, 4321-4334.	2.2	77
96	Nutrient regulates Tor1 nuclear localization and association with rDNA promoter. <i>Nature</i> , 2006, 442, 1058-1061.	27.8	280
97	A multiplexed proteomics approach to differentiate neurite outgrowth patterns. <i>Journal of Neuroscience Methods</i> , 2006, 158, 22-29.	2.5	18
98	Biochemical characterization of <i>Trypanosoma brucei</i> RNA polymerase II. <i>Molecular and Biochemical Parasitology</i> , 2006, 150, 201-210.	1.1	35
99	Identification and Validation of Mannose 6-Phosphate Glycoproteins in Human Plasma Reveal a Wide Range of Lysosomal and Non-lysosomal Proteins. <i>Molecular and Cellular Proteomics</i> , 2006, 5, 1942-1956.	3.8	60
100	Transactivation of Abl by the Crk II adapter protein requires a PNAY sequence in the Crk C-terminal SH3 domain. <i>Oncogene</i> , 2005, 24, 8187-8199.	5.9	31
101	The human brain mannose 6-phosphate glycoproteome: A complex mixture composed of multiple isoforms of many soluble lysosomal proteins. <i>Proteomics</i> , 2005, 5, 1520-1532.	2.2	92
102	Cleavage Site Selection within a Folded Substrate by the ATP-dependent Lon Protease*. <i>Journal of Biological Chemistry</i> , 2005, 280, 25103-25110.	3.4	100
103	Purification and mass spectrometric analysis of the $\hat{\nu}$ opioid receptor. <i>Molecular Brain Research</i> , 2005, 136, 54-64.	2.3	19
104	Protein Profile of Tax-associated Complexes. <i>Journal of Biological Chemistry</i> , 2004, 279, 495-508.	3.4	79
105	A novel proteomic coculture model of prostate cancer cell growth. <i>Proteomics</i> , 2004, 4, 3268-3275.	2.2	7
106	Cleavage of recombinant proenkephalin and blockade mutants by prohormone convertases 1 and 2: an in vitro specificity study. <i>Journal of Neurochemistry</i> , 2004, 87, 868-878.	3.9	17
107	Prevention of Glucocorticoid-Induced Apoptosis in Osteocytes and Osteoblasts by Calbindin-D28k. <i>Journal of Bone and Mineral Research</i> , 2003, 19, 479-490.	2.8	128
108	Paradoxical effects of a stress signal on pro- and anti-apoptotic machinery in HTLV-1 Tax expressing cells. <i>Molecular and Cellular Biochemistry</i> , 2003, 245, 99-113.	3.1	25

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109	Purification and mass spectrometric analysis of the μ opioid receptor. <i>Molecular Brain Research</i> , 2003, 118, 119-131.	2.3	23
110	Selective Regulation of Gene Expression by Nuclear Factor 110, a Member of the NF90 Family of Double-stranded RNA-binding Proteins. <i>Journal of Molecular Biology</i> , 2003, 332, 85-98.	4.2	53
111	Expression and purification of the dihydrolipoamide acetyltransferase and dihydrolipoamide dehydrogenase subunits of the <i>Escherichia coli</i> pyruvate dehydrogenase multienzyme complex: a mass spectrometric assay for reductive acetylation of dihydrolipoamide acetyltransferase. <i>Protein Expression and Purification</i> , 2003, 28, 140-150.	1.3	22
112	Chromatin Remodeling and Modification during HIV-1 Tat-activated Transcription. <i>Current HIV Research</i> , 2003, 1, 343-362.	0.5	71
113	Proteome Analysis of Lens Epithelia, Fibers, and the HLE B-3 Cell Line. , 2003, 44, 4829.		52
114	Enhancement of Nuclear Factor- κ B Acetylation by Coactivator p300 and HIV-1 Tat Proteins. <i>Journal of Biological Chemistry</i> , 2002, 277, 4973-4980.	3.4	141
115	Peculiar unilateral fixed drug eruption of the breast. <i>International Journal of Dermatology</i> , 2002, 41, 96-98.	1.0	14
116	Enhancement of the p300 HAT Activity by HIV-1 Tat on Chromatin DNA. <i>Virology</i> , 2001, 289, 312-326.	2.4	58
117	Troglitazone-induced fulminant hepatitis. <i>Journal of Diabetes and Its Complications</i> , 2000, 14, 175-177.	2.3	21
118	Acetylation of HIV-1 Tat by CBP/P300 Increases Transcription of Integrated HIV-1 Genome and Enhances Binding to Core Histones. <i>Virology</i> , 2000, 277, 278-295.	2.4	158
119	The structure of ubiquinones isolated from developing embryos of <i>Manduca sexta</i> . <i>Insect Biochemistry and Molecular Biology</i> , 1998, 28, 69-73.	2.7	8
120	The structure of dolichols isolated from <i>Manduca sexta</i> larvae. <i>Insect Biochemistry and Molecular Biology</i> , 1995, 25, 1019-1026.	2.7	6