Cheryl F Lichti

List of Publications by Year
in descending order

53	4,262	218592	175177
papers	citations	26 h-index	52 g-index

54	54	54	8271
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	DNMT3AMutations in Acute Myeloid Leukemia. New England Journal of Medicine, 2010, 363, 2424-2433.	13.9	1,777
2	MHC-II neoantigens shape tumour immunity and response to immunotherapy. Nature, 2019, 574, 696-701.	13.7	563
3	Phosphorylation of Immunity-Related GTPases by a Toxoplasma gondii-Secreted Kinase Promotes Macrophage Survival and Virulence. Cell Host and Microbe, 2010, 8, 484-495.	5.1	286
4	Genomic impact of transient low-dose decitabine treatment on primary AML cells. Blood, 2013, 121, 1633-1643.	0.6	137
5	Characterization of Human Hepatic and Extrahepatic UDP-Glucuronosyltransferase Enzymes Involved in the Metabolism of Classic Cannabinoids. Drug Metabolism and Disposition, 2009, 37, 1496-1504.	1.7	129
6	The Haemophilus influenzae HMW1C Protein Is a Glycosyltransferase That Transfers Hexose Residues to Asparagine Sites in the HMW1 Adhesin. PLoS Pathogens, 2010, 6, e1000919.	2.1	103
7	Lifespan and stress resistance of Caenorhabditis elegans are increased by expression of glutathione transferases capable of metabolizing the lipid peroxidation product 4-hydroxynonenal. Aging Cell, 2005, 4, 257-271.	3.0	90
8	Manganese porphyrin reduces renal injury and mitochondrial damage during ischemia/reperfusion. Free Radical Biology and Medicine, 2007, 42, 1571-1578.	1.3	84
9	Pancreatic islets communicate with lymphoid tissues via exocytosis of insulin peptides. Nature, 2018, 560, 107-111.	13.7	81
10	Hsp 70/Hsp 90 organizing protein as a nitrosylation target in cystic fibrosis therapy. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 11393-11398.	3.3	62
11	Quest for Missing Proteins: Update 2015 on Chromosome-Centric Human Proteome Project. Journal of Proteome Research, 2015, 14, 3415-3431.	1.8	53
12	The MHC-II peptidome of pancreatic islets identifies key features of autoimmune peptides. Nature Immunology, 2020, 21, 455-463.	7.0	53
13	Quantitative Proteomics Reveals Proteinâ€“Protein Interactions with Fibroblast Growth Factor 12 as a Component of the Voltage-Gated Sodium Channel 1.2 (Nav1.2) Macromolecular Complex in Mammalian Brain*. Molecular and Cellular Proteomics, 2015, 14, 1288-1300.	2.5	52
14	Mass Spectrometry-Based Identification of Native Cardiac Nav1.5 Channel Î± Subunit Phosphorylation Sites. Journal of Proteome Research, 2012, 11, 5994-6007.	1.8	47
15	Galectin-3 is associated with prostasomes in human semen. Glycoconjugate Journal, 2010, 27, 227-236.	1.4	44
16	ESIâ€“MS/MS and MALDI-IMS Localization Reveal Alterations in Phosphatidic Acid, Diacylglycerol, and DHA in Glioma Stem Cell Xenografts. Journal of Proteome Research, 2015, 14, 2511-2519.	1.8	43
17	Glucuronidation of Monohydroxylated Warfarin Metabolites by Human Liver Microsomes and Human Recombinant UDP-Glucuronosyltransferases. Journal of Pharmacology and Experimental Therapeutics, 2008, 324, 139-148.	1.3	39
18	Environmental Enrichment and Social Isolation Mediate Neuroplasticity of Medium Spiny Neurons through the GSK3 Pathway. Cell Reports, 2018, 23, 555-567.	2.9	38

#	Article	IF	Citations
19	Hepatitis C Virus NS3 Helicase Forms Oligomeric Structures That Exhibit Optimal DNA Unwinding Activity in Vitro. Journal of Biological Chemistry, 2008, 283, 11516-11525.	1.6	37
20	PPARgamma agonists rescue increased phosphorylation of FGF14 at S226 in the Tg2576 mouse model of Alzheimer's disease. Experimental Neurology, 2017, 295, 1-17.	2.0	35
21	CLPM: A Cross-Linked Peptide Mapping Algorithm for Mass Spectrometric Analysis. BMC Bioinformatics, 2005, 6, S9.	1.2	34
22	The Nav1.2 channel is regulated by GSK3. Biochimica Et Biophysica Acta - General Subjects, 2015, 1850, 832-844.	1.1	33
23	C-terminal phosphorylation of NaV1.5 impairs FGF13-dependent regulation of channel inactivation. Journal of Biological Chemistry, 2017, 292, 17431-17448.	1.6	33
24	CK2 activity is required for the interaction of FGF14 with voltageâ€gated sodium channels and neuronal excitability. FASEB Journal, 2016, 30, 2171-2186.	0.2	32
25	Environmental enrichment alters protein expression as well as the proteomic response to cocaine in rat nucleus accumbens. Frontiers in Behavioral Neuroscience, 2014, 8, 246.	1.0	29
26	Coâ€purification of Macâ€2 binding protein with galectinâ€3 and association with prostasomes in human semen. Prostate, 2011, 71, 711-721.	1.2	27
27	Integrated Chromosome 19 Transcriptomic and Proteomic Data Sets Derived from Glioma Cancer Stem-Cell Lines. Journal of Proteome Research, 2014, 13, 191-199.	1.8	27
28	Identification of in Vitro Autophosphorylation Sites and Effects of Phosphorylation on the Arabidopsis CRINKLY4 (ACR4) Receptor-like Kinase Intracellular Domain: Insights into Conformation, Oligomerization, and Activity. Biochemistry, 2011, 50, 2170-2186.	1.2	23
29	Homocitrullination Is a Novel Histone H1 Epigenetic Mark Dependent on Aryl Hydrocarbon Receptor Recruitment of Carbamoyl Phosphate Synthase 1. Journal of Biological Chemistry, 2015, 290, 27767-27778.	1.6	23
30	Systematic Identification of Single Amino Acid Variants in Glioma Stem-Cell-Derived Chromosome 19 Proteins. Journal of Proteome Research, 2015, 14, 778-786.	1.8	22
31	The Progestin Receptor Interactome in the Female Mouse Hypothalamus: Interactions with Synaptic Proteins Are Isoform Specific and Ligand Dependent. ENeuro, 2017, 4, ENEURO.0272-17.2017.	0.9	20
32	Dynamic Proteomics of Nucleus Accumbens in Response to Acute Psychological Stress in Environmentally Enriched and Isolated Rats. PLoS ONE, 2013, 8, e73689.	1.1	19
33	Convergent transcriptomics and proteomics of environmental enrichment and cocaine identifies novel therapeutic strategies for addiction. Neuroscience, 2016, 339, 254-266.	1.1	18
34	Use of ENCODE Resources to Characterize Novel Proteoforms and Missing Proteins in the Human Proteome. Journal of Proteome Research, 2015, 14, 603-608.	1.8	17
35	A neurosteroid analogue photolabeling reagent labels the colchicineâ€binding site on tubulin: A mass spectrometric analysis. Electrophoresis, 2012, 33, 666-674.	1.3	16
36	Inorganic Arsenicâ€“Related Changes in the Stromal Tumor Microenvironment in a Prostate Cancer Cellâ€“Conditioned Media Model. Environmental Health Perspectives, 2016, 124, 1009-1015.	2.8	14

#	Article	IF	Citations
37	Navigating Critical Challenges Associated with Immunopeptidomics-Based Detection of Proteasomal Spliced Peptide Candidates. Cancer Immunology Research, 2022, 10, 275-284.	1.6	14
38	Identification of Hydroxywarfarin Binding Site in Human UDP Glucuronosyltransferase 1A10: Phenylalanine90 Is Crucial for the Glucuronidation of 6- and 7-Hydroxywarfarin but Not 8-Hydroxywarfarin. Drug Metabolism and Disposition, 2008, 36, 2211-2218.	1.7	13
39	Large Scale Identification of Variant Proteins in Glioma Stem Cells. ACS Chemical Neuroscience, 2018, 9, 73-79.	1.7	12
40	Identification of spliced peptides in pancreatic islets uncovers errors leading to false assignments. Proteomics, 2021, 21, e2000176.	1.3	12
41	The proteomic landscape of glioma stem-like cells. EuPA Open Proteomics, 2015, 8, 85-93.	2.5	11
42	Evaluation of Differentially Expressed Proteins Following Serum Exposure in Avian Pathogenic Escherichia coli. Avian Diseases, 2008, 52, 23-27.	0.4	10
43	Sex-Specific Proteomic Changes Induced by Genetic Deletion of Fibroblast Growth Factor 14 (FGF14), a Regulator of Neuronal Ion Channels. Proteomes, 2019, 7, 5.	1.7	9
44	An Efficient Preparation of (S)-(-)-1-(2,6-Dichlorophenyl)ethylamine. Synthetic Communications, 1992, 22, 171-178.	1.1	8
45	Blood leukocytes recapitulate diabetogenic peptideâ€“MHC-II complexes displayed in the pancreatic islets. Journal of Experimental Medicine, 2021, 218, .	4.2	8
46	Quantitative proteomics and transcriptomics reveals metabolic differences in attracting and non-attracting human-in-mouse glioma stem cell xenografts and stromal cells. EuPA Open Proteomics, 2015, 8, 94-103.	2.5	7
47	Single Point Mutations Result in the Miss-Sorting of Glut4 to a Novel Membrane Compartment Associated with Stress Granule Proteins. PLoS ONE, 2013, 8, e68516.	1.1	6
48	A Skyline Plugin for Pathway-Centric Data Browsing. Journal of the American Society for Mass Spectrometry, 2016, 27, 1752-1757.	1.2	5
49	A Modified Database Search Strategy Leads to Improved Identification of in Vitro Brominated Peptides Spiked into a Complex Proteomic Sample. Journal of Proteome Research, 2013, 12, 4248-4254.	1.8	4
50	Identification of Potential Mediators of Retinotopic Mapping: A Comparative Proteomic Analysis of Optic Nerve from WT and Phr1 Retinal Knockout Mice. Journal of Proteome Research, 2012, 11, 5515-5526.	1.8	1
51	Ultrahigh-Resolution Lipid Analysis with Fourier Transform Ion Cyclotron Resonance Mass Spectrometry. Neuromethods, 2017, , 21-43.	0.2	1
52	Focus on Phosphoproteomics. Electrophoresis, 2014, 35, 3417-3417.	1.3	0
53	Dopamineâ€induced interactions of female mouse hypothalamic proteins with progestin receptorâ€A in the absence of hormone. Journal of Neuroendocrinology, 2020, 32, e12904.	1.2	0