

Lisa H Cazares

List of Publications by Year in descending order

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86
papers

4,871
citations

126907

33
h-index

91884

69
g-index

88
all docs

88
docs citations

88
times ranked

5200
citing authors

#	ARTICLE	IF	CITATIONS
1	Mitochondrial membrane potential-enriched CHO host: a novel and powerful tool for improving biomanufacturing capability. <i>MABs</i> , 2022, 14, 2020081.	5.2	9
2	Proteomic Analysis of Non-human Primate Peripheral Blood Mononuclear Cells During <i>Burkholderia mallei</i> Infection Reveals a Role of Ezrin in Glanders Pathogenesis. <i>Frontiers in Microbiology</i> , 2021, 12, 625211.	3.5	1
3	Characterization of Citrullination Sites in Neutrophils and Mast Cells Activated by Ionomycin via Integration of Mass Spectrometry and Machine Learning. <i>Journal of Proteome Research</i> , 2021, 20, 3150-3164.	3.7	9
4	Paracrine IFN Response Limits ZIKV Infection in Human Sertoli Cells. <i>Frontiers in Microbiology</i> , 2021, 12, 667146.	3.5	5
5	Metabolomic Profiling of Human Urine Samples Using LC-TIMS-QTOF Mass Spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2021, 32, 2072-2080.	2.8	9
6	Impact of Toll-Like Receptor-Specific Agonists on the Host Immune Response to the <i>Yersinia pestis</i> Plague rF1V Vaccine. <i>Frontiers in Immunology</i> , 2021, 12, 726416.	4.8	7
7	Species-specific quantification of circulating ebolavirus burden using VP40-derived peptide variants. <i>PLoS Pathogens</i> , 2021, 17, e1010039.	4.7	2
8	Development of a Parallel Reaction Monitoring Mass Spectrometry Assay for the Detection of SARS-CoV-2 Spike Glycoprotein and Nucleoprotein. <i>Analytical Chemistry</i> , 2020, 92, 13813-13821.	6.5	47
9	Approach to Cataract Surgery in an Ebola Virus Disease Survivor with Prior Ocular Viral Persistence. <i>Emerging Infectious Diseases</i> , 2020, 26, 1553-1556.	4.3	2
10	Modeling mosquito-borne and sexual transmission of Zika virus in an enzootic host, the African green monkey. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008107.	3.0	11
11	Early detection of Ebola virus proteins in peripheral blood mononuclear cells from infected mice. <i>Clinical Proteomics</i> , 2020, 17, 11.	2.1	2
12	Identification of RUVBL1 and RUVBL2 as Novel Cellular Interactors of the Ebola Virus Nucleoprotein. <i>Viruses</i> , 2019, 11, 372.	3.3	19
13	Characterization of the plasma proteome of nonhuman primates during Ebola virus disease or melioidosis: a host response comparison. <i>Clinical Proteomics</i> , 2019, 16, 7.	2.1	9
14	New Steroidal 4-Aminoquinolines Antagonize Botulinum Neurotoxin Serotype A in Mouse Embryonic Stem Cell Derived Motor Neurons in Postintoxication Model. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 1595-1608.	6.4	7
15	Chikungunya Arthritis Mechanisms in the Americas. <i>Arthritis and Rheumatology</i> , 2018, 70, 585-593.	5.6	63
16	Intracellular conversion and in vivo dose response of favipiravir (T-705) in rodents infected with Ebola virus. <i>Antiviral Research</i> , 2018, 151, 50-54.	4.1	31
17	Efficacy of favipiravir (T-705) in nonhuman primates infected with Ebola virus or Marburg virus. <i>Antiviral Research</i> , 2018, 151, 97-104.	4.1	76
18	Countering Zika Virus: The USAMRIID Response. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1062, 303-318.	1.6	3

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19	Bioengineering of bacterial pathogens for noninvasive imaging and in vivo evaluation of therapeutics. <i>Scientific Reports</i> , 2018, 8, 12618.	3.3	11
20	Inactivation of West Nile virus in serum with heat, ionic detergent, and reducing agent for proteomic applications. <i>Journal of Virological Methods</i> , 2017, 248, 1-6.	2.1	3
21	Quantification of circulating <i>Mycobacterium tuberculosis</i> antigen peptides allows rapid diagnosis of active disease and treatment monitoring. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 3969-3974.	7.1	93
22	A study of DNA damage in buccal cells of consumers of wellâ€and/or tapâ€water using the comet assay: Assessment of occupational exposure to genotoxicants. <i>Environmental and Molecular Mutagenesis</i> , 2017, 58, 619-627.	2.2	9
23	CCL5-CCR5 interactions modulate metabolic events during tumor onset to promote tumorigenesis. <i>BMC Cancer</i> , 2017, 17, 834.	2.6	34
24	High Infection Rates for Adult Macaques after Intravaginal or Intrarectal Inoculation with Zika Virus. <i>Emerging Infectious Diseases</i> , 2017, 23, 1274-1281.	4.3	74
25	Development of a liquid chromatography high resolution mass spectrometry method for the quantitation of viral envelope glycoprotein in Ebola virus-like particle vaccine preparations. <i>Clinical Proteomics</i> , 2016, 13, 18.	2.1	13
26	A Multicomponent Animal Virus Isolated from Mosquitoes. <i>Cell Host and Microbe</i> , 2016, 20, 357-367.	11.0	123
27	Heat fixation inactivates viral and bacterial pathogens and is compatible with downstream MALDI mass spectrometry tissue imaging. <i>BMC Microbiology</i> , 2015, 15, 101.	3.3	14
28	Sphingosine kinase 2 is a chikungunya virus host factor co-localized with the viral replication complex. <i>Emerging Microbes and Infections</i> , 2015, 4, 1-9.	6.5	44
29	Pre-symptomatic diagnosis and treatment of filovirus diseases. <i>Frontiers in Microbiology</i> , 2015, 6, 108.	3.5	15
30	Thermal inactivation of enzymes and pathogens in biosamples for MS analysis. <i>Bioanalysis</i> , 2015, 7, 1885-1899.	1.5	20
31	Phosphatase Inhibitors Function as Novel, Broad Spectrum Botulinum Neurotoxin Antagonists in Mouse and Human Embryonic Stem Cell-Derived Motor Neuron-Based Assays. <i>PLoS ONE</i> , 2015, 10, e0129264.	2.5	6
32	MALDI imaging mass spectrometry profiling of proteins and lipids in clear cell renal cell carcinoma. <i>Proteomics</i> , 2014, 14, 924-935.	2.2	67
33	The search for biomarkers of human embryo developmental potential in IVF: a comprehensive proteomic approach. <i>Molecular Human Reproduction</i> , 2013, 19, 250-263.	2.8	34
34	Prostate cancer region prediction by fusing results from MALDI spectraâ€processing and texture analysis. <i>Simulation</i> , 2012, 88, 1247-1259.	1.8	6
35	Tissue Imaging Using Nanospray Desorption Electrospray Ionization Mass Spectrometry. <i>Analytical Chemistry</i> , 2012, 84, 141-148.	6.5	278
36	Characterization of a <i>Staphylococcus aureus</i> USA300 protein signature using matrix-assisted laser desorption/ionization time-of-flight mass spectrometry. <i>Journal of Medical Microbiology</i> , 2012, 61, 640-644.	1.8	37

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37	Using boronolactin in MALDI-MS imaging for the histological analysis of cancer tissue expressing the sialyl Lewis X antigen. <i>Chemical Communications</i> , 2011, 47, 10338.	4.1	43
38	Challenges to Developing Proteomic-Based Breast Cancer Diagnostics. <i>OMICS A Journal of Integrative Biology</i> , 2011, 15, 251-259.	2.0	21
39	Molecular pathology of prostate cancer. <i>Cancer Biomarkers</i> , 2011, 9, 441-459.	1.7	18
40	MALDI tissue imaging: from biomarker discovery to clinical applications. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 401, 17-27.	3.7	87
41	Improved signal processing and normalization for biomarker protein detection in broad-range TOF mass spectra from clinical samples. <i>Proteomics - Clinical Applications</i> , 2011, 5, 440-447.	1.6	3
42	On-tissue identification of insulin: In situ reduction coupled with mass spectrometry imaging. <i>Proteomics - Clinical Applications</i> , 2011, 5, 448-453.	1.6	18
43	Adjacent slice prostate cancer prediction to inform MALDI imaging biomarker analysis. , 2010, , .		1
44	Prostate cancer region prediction using MALDI mass spectra. , 2010, , .		0
45	A Bayesian network approach to feature selection in mass spectrometry data. <i>BMC Bioinformatics</i> , 2010, 11, 177.	2.6	21
46	Combining Prostate Cancer Region Predictions from MALDI Spectra Processing and Texture Analysis. , 2010, , .		1
47	Imaging Mass Spectrometry of a Specific Fragment of Mitogen-Activated Protein Kinase/Extracellular Signal-Regulated Kinase Kinase 2 Discriminates Cancer from Uninvolved Prostate Tissue. <i>Clinical Cancer Research</i> , 2009, 15, 5541-5551.	7.0	178
48	Serum Proteomic Biomarker Discovery Reflective of Stage and Obesity in Breast Cancer Patients. <i>Journal of the American College of Surgeons</i> , 2009, 208, 970-978.	0.5	49
49	Proteomic Expression Profiling and Identification of Serum Proteins Using Immobilized Trypsin Beads with MALDI-TOF/TOF. <i>Journal of Proteome Research</i> , 2009, 8, 4182-4192.	3.7	16
50	Precision enhancement of MALDI-TOF MS using high resolution peak detection and label-free alignment. <i>Proteomics</i> , 2008, 8, 1530-1538.	2.2	27
51	Serum protein expression profiling in pediatric Hodgkin lymphoma: A report from the Children's Oncology Group. <i>Pediatric Blood and Cancer</i> , 2008, 51, 216-221.	1.5	13
52	Differential Capture of Serum Proteins for Expression Profiling and Biomarker Discovery in Pre- and Posttreatment Head and Neck Cancer Samples. <i>Laryngoscope</i> , 2008, 118, 61-68.	2.0	70
53	Tissue Sample Collection for Proteomics Analysis. <i>Methods in Molecular Biology</i> , 2008, 428, 43-53.	0.9	8
54	Signal Detection in High-Resolution Mass Spectrometry Data. <i>Journal of Proteome Research</i> , 2008, 7, 276-285.	3.7	10

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55	SELDI-TOF MS Whole Serum Proteomic Profiling with IMAC Surface Does Not Reliably Detect Prostate Cancer. <i>Clinical Chemistry</i> , 2008, 54, 53-60.	3.2	128
56	Analytical Validation of Serum Proteomic Profiling for Diagnosis of Prostate Cancer: Sources of Sample Bias. <i>Clinical Chemistry</i> , 2008, 54, 44-52.	3.2	126
57	MALDI/SELDI Protein Profiling of Serum for the Identification of Cancer Biomarkers. <i>Methods in Molecular Biology</i> , 2008, 428, 125-140.	0.9	20
58	Proteomic and fractal analysis of a phenotypic transition in the growth of human breast cells in culture. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2007, 2007, P12006-P12006.	2.3	3
59	Optimization of MALDI-TOF MS Detection for Enhanced Sensitivity of Affinity-Captured Proteins Spanning a 100 kDa Mass Range. <i>Journal of Proteome Research</i> , 2007, 6, 4517-4524.	3.7	26
60	Mining the low molecular weight proteome of blood. <i>Proteomics - Clinical Applications</i> , 2007, 1, 758-768.	1.6	26
61	Serum Biomarkers to Differentiate Benign and Malignant Mammographic Lesions. <i>Journal of the American College of Surgeons</i> , 2007, 204, 1065-1071.	0.5	39
62	P-552. <i>Fertility and Sterility</i> , 2006, 86, S339.	1.0	1
63	Discrete serum protein signatures discriminate between human retrovirus-associated hematologic and neurologic disease. <i>Leukemia</i> , 2005, 19, 1229-1238.	7.2	36
64	SELDI-TOF MS profiling of serum for detection of the progression of chronic hepatitis C to hepatocellular carcinoma. <i>Hepatology</i> , 2005, 41, 634-642.	7.3	132
65	Evaluation of Serum Protein Profiling by Surface-Enhanced Laser Desorption/Ionization Time-of-Flight Mass Spectrometry for the Detection of Prostate Cancer: I. Assessment of Platform Reproducibility. <i>Clinical Chemistry</i> , 2005, 51, 102-112.	3.2	336
66	Serum, salivary and tissue proteomics for discovery of biomarkers for head and neck cancers. <i>Expert Review of Molecular Diagnostics</i> , 2005, 5, 93-100.	3.1	54
67	SELDI-TOF Serum Profiling for Prognostic and Diagnostic Classification of Breast Cancers. <i>Disease Markers</i> , 2004, 19, 229-238.	1.3	75
68	Measurement Reproducibility in the Early Stages of Biomarker Development. <i>Disease Markers</i> , 2004, 20, 295-307.	1.3	25
69	Identification of Patients With Head and Neck Cancer Using Serum Protein Profiles. <i>JAMA Otolaryngology</i> , 2004, 130, 98.	1.2	107
70	Serum Protein Profiles to Identify Head and Neck Cancer. <i>Clinical Cancer Research</i> , 2004, 10, 1625-1632.	7.0	110
71	Surface-Enhanced Laser Desorption/Ionization Time-of-Flight (SELDI-TOF) Differentiation of Serum Protein Profiles of BRCA-1 and Sporadic Breast Cancer. <i>Annals of Surgical Oncology</i> , 2004, 11, 907-914.	1.5	88
72	Selective capture of prostatic basal cells and secretory epithelial cells for proteomic and genomic analysis. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2004, 22, 329-336.	1.6	17

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73	Quality Control, Preparation, and Protein Stability Issues for Blood Serum and Plasma Used In Biomarker Discovery and Proteomic Profiling Assays. <i>BioProcessing: Advances and Trends in Biological Product Development</i> , 2004, 3, 45-50.	0.1	10
74	Data Reduction Using a Discrete Wavelet Transform in Discriminant Analysis of Very High Dimensionality Data. <i>Biometrics</i> , 2003, 59, 143-151.	1.4	70
75	SELDI-TOF-MS profiling of serum for early detection of colorectal cancer. <i>Gastroenterology</i> , 2003, 124, A650.	1.3	5
76	A Look at Mass Spectral Measurement. <i>Chance</i> , 2003, 16, 24-28.	0.2	5
77	Boosted Decision Tree Analysis of Surface-enhanced Laser Desorption/Ionization Mass Spectral Serum Profiles Discriminates Prostate Cancer from Noncancer Patients. <i>Clinical Chemistry</i> , 2002, 48, 1835-1843.	3.2	414
78	Serum protein fingerprinting coupled with a pattern-matching algorithm distinguishes prostate cancer from benign prostate hyperplasia and healthy men. <i>Cancer Research</i> , 2002, 62, 3609-14.	0.9	630
79	Normal, benign, preneoplastic, and malignant prostate cells have distinct protein expression profiles resolved by surface enhanced laser desorption/ionization mass spectrometry. <i>Clinical Cancer Research</i> , 2002, 8, 2541-52.	7.0	131
80	Boosted decision tree analysis of surface-enhanced laser desorption/ionization mass spectral serum profiles discriminates prostate cancer from noncancer patients. <i>Clinical Chemistry</i> , 2002, 48, 1835-43.	3.2	103
81	Identification of a superimmunoglobulin gene family member overexpressed in benign prostatic hyperplasia. , 2000, 42, 230-238.		6
82	Proteinchip® surface enhanced laser desorption/ionization (SELDI) mass spectrometry: a novel protein biochip technology for detection of prostate cancer biomarkers in complex protein mixtures. <i>Prostate Cancer and Prostatic Diseases</i> , 1999, 2, 264-276.	3.9	239
83	Tight junctions and mucin mRNA in BEAS-2B cells. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 1995, 31, 738-740.	1.5	25
84	The distribution of dissolved DNA in an oligotrophic and a eutrophic river of Southwest Florida. <i>Hydrobiologia</i> , 1991, 218, 53-63.	2.0	11
85	Correlation of nonspecific macromolecular labeling with environmental parameters during [3H]Thymidine incorporation in the waters of southwest florida. <i>Microbial Ecology</i> , 1990, 20, 21-35.	2.8	9
86	Turnover of Extracellular DNA in Eutrophic and Oligotrophic Freshwater Environments of Southwest Florida. <i>Applied and Environmental Microbiology</i> , 1989, 55, 1823-1828.	3.1	87