

Gil Omenn

List of Publications by Year in descending order

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Version: 2024-02-01

413
papers

29,261
citations

9264

74
h-index

6471

157
g-index

470
all docs

470
docs citations

470
times ranked

32924
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of a Combination of Beta Carotene and Vitamin A on Lung Cancer and Cardiovascular Disease. <i>New England Journal of Medicine</i> , 1996, 334, 1150-1155.	27.0	3,358
2	ProteomeXchange provides globally coordinated proteomics data submission and dissemination. <i>Nature Biotechnology</i> , 2014, 32, 223-226.	17.5	2,505
3	Metabolomic profiles delineate potential role for sarcosine in prostate cancer progression. <i>Nature</i> , 2009, 457, 910-914.	27.8	1,944
4	Overview of the HUPO Plasma Proteome Project: Results from the pilot phase with 35 collaborating laboratories and multiple analytical groups, generating a core dataset of 3020 proteins and a publicly available database. <i>Proteomics</i> , 2005, 5, 3226-3245.	2.2	766
5	A common open representation of mass spectrometry data and its application to proteomics research. <i>Nature Biotechnology</i> , 2004, 22, 1459-1466.	17.5	724
6	Integrated Proteogenomic Characterization of Clear Cell Renal Cell Carcinoma. <i>Cell</i> , 2019, 179, 964-983.e31.	28.9	430
7	Evidence of Genetic Predisposition to Alcoholic Cirrhosis and Psychosis: Twin Concordances for Alcoholism and Its Biological End Points by Zygosity among Male Veterans. <i>Alcoholism: Clinical and Experimental Research</i> , 1981, 5, 207-215.	2.4	419
8	Proteogenomic Characterization Reveals Therapeutic Vulnerabilities in Lung Adenocarcinoma. <i>Cell</i> , 2020, 182, 200-225.e35.	28.9	410
9	Metscape 2 bioinformatics tool for the analysis and visualization of metabolomics and gene expression data. <i>Bioinformatics</i> , 2012, 28, 373-380.	4.1	392
10	The Beta-Carotene and Retinol Efficacy Trial: Incidence of Lung Cancer and Cardiovascular Disease Mortality During 6-Year Follow-up After Stopping β -Carotene and Retinol Supplements. <i>Journal of the National Cancer Institute</i> , 2004, 96, 1743-1750.	6.3	382
11	A High-Confidence Human Plasma Proteome Reference Set with Estimated Concentrations in PeptideAtlas. <i>Molecular and Cellular Proteomics</i> , 2011, 10, M110.006353.	3.8	381
12	Beneficial Six-Year Outcome of Smoking Cessation in Older Men and Women with Coronary Artery Disease. <i>New England Journal of Medicine</i> , 1988, 319, 1365-1369.	27.0	347
13	A wellness study of 108 individuals using personal, dense, dynamic data clouds. <i>Nature Biotechnology</i> , 2017, 35, 747-756.	17.5	340
14	An evaluation, comparison, and accurate benchmarking of several publicly available MS/MS search algorithms: Sensitivity and specificity analysis. <i>Proteomics</i> , 2005, 5, 3475-3490.	2.2	332
15	Proteogenomic and metabolomic characterization of human glioblastoma. <i>Cancer Cell</i> , 2021, 39, 509-528.e20.	16.8	327
16	Challenges in deriving high-confidence protein identifications from data gathered by a HUPO plasma proteome collaborative study. <i>Nature Biotechnology</i> , 2006, 24, 333-338.	17.5	309
17	Familial Reticuloendotheliosis with Eosinophilia. <i>New England Journal of Medicine</i> , 1965, 273, 427-432.	27.0	299
18	Proteogenomic Characterization of Endometrial Carcinoma. <i>Cell</i> , 2020, 180, 729-748.e26.	28.9	296

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19	The Human Proteome Project: Current State and Future Direction. <i>Molecular and Cellular Proteomics</i> , 2011, 10, M111.009993.	3.8	294
20	The Chromosome-Centric Human Proteome Project for cataloging proteins encoded in the genome. <i>Nature Biotechnology</i> , 2012, 30, 221-223.	17.5	281
21	Differential Protein Expression Profiling by iTRAQ ² MS/MS of Lung Cancer Cells Undergoing Epithelial-Mesenchymal Transition Reveals a Migratory/Invasive Phenotype. <i>Journal of Proteome Research</i> , 2006, 5, 1143-1154.	3.7	258
22	Proteogenomic characterization of pancreatic ductal adenocarcinoma. <i>Cell</i> , 2021, 184, 5031-5052.e26.	28.9	236
23	Blood metabolome predicts gut microbiome \pm -diversity in humans. <i>Nature Biotechnology</i> , 2019, 37, 1217-1228.	17.5	213
24	Metscape: a Cytoscape plug-in for visualizing and interpreting metabolomic data in the context of human metabolic networks. <i>Bioinformatics</i> , 2010, 26, 971-973.	4.1	196
25	Making evolutionary biology a basic science for medicine. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 1800-1807.	7.1	189
26	Proteogenomic insights into the biology and treatment of HPV-negative head and neck squamous cell carcinoma. <i>Cancer Cell</i> , 2021, 39, 361-379.e16.	16.8	189
27	Systematic comparison of the human saliva and plasma proteomes. <i>Proteomics - Clinical Applications</i> , 2009, 3, 116-134.	1.6	186
28	The Human Plasma Proteome Draft of 2017: Building on the Human Plasma PeptideAtlas from Mass Spectrometry and Complementary Assays. <i>Journal of Proteome Research</i> , 2017, 16, 4299-4310.	3.7	185
29	Occurrence of Autoantibodies to Annexin I, 14-3-3 Theta and LAMR1 in Prediagnostic Lung Cancer Sera. <i>Journal of Clinical Oncology</i> , 2008, 26, 5060-5066.	1.6	178
30	A proteogenomic portrait of lung squamous cell carcinoma. <i>Cell</i> , 2021, 184, 4348-4371.e40.	28.9	170
31	Serum paraoxonase and its influence on paraoxon and chlorpyrifos-oxon toxicity in rats. <i>Toxicology and Applied Pharmacology</i> , 1990, 103, 66-76.	2.8	168
32	miRmine: a database of human miRNA expression profiles. <i>Bioinformatics</i> , 2017, 33, 1554-1560.	4.1	164
33	CHEMOPREVENTION OF LUNG CANCER: The Rise and Demise of Beta-Carotene. <i>Annual Review of Public Health</i> , 1998, 19, 73-99.	17.4	160
34	Human Proteome Project Mass Spectrometry Data Interpretation Guidelines 2.1. <i>Journal of Proteome Research</i> , 2016, 15, 3961-3970.	3.7	158
35	Human Proteinpedia enables sharing of human protein data. <i>Nature Biotechnology</i> , 2008, 26, 164-167.	17.5	155
36	A high-stringency blueprint of the human proteome. <i>Nature Communications</i> , 2020, 11, 5301.	12.8	152

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37	Immunoassay and antibody microarray analysis of the HUPO Plasma Proteome Project reference specimens: Systematic variation between sample types and calibration of mass spectrometry data. <i>Proteomics</i> , 2005, 5, 3278-3291.	2.2	150
38	Distinctive serum protein profiles involving abundant proteins in lung cancer patients based upon antibody microarray analysis. <i>BMC Cancer</i> , 2005, 5, 110.	2.6	149
39	Hyperparathyroidism associated with malignant tumors of nonparathyroid origin. <i>Cancer</i> , 1969, 24, 1004-1012.	4.1	145
40	The Human Proteome Organization Plasma Proteome Project pilot phase: Reference specimens, technology platform comparisons, and standardized data submissions and analyses. <i>Proteomics</i> , 2004, 4, 1235-1240.	2.2	140
41	Modification of the Single Tryptophan Residue of Staphylococcal Nuclease by a New Mild Oxidizing Agent. <i>Journal of Biological Chemistry</i> , 1970, 245, 1895-1902.	3.4	139
42	The Messenger under Attack – Intimidation of Researchers by Special-Interest Groups. <i>New England Journal of Medicine</i> , 1997, 336, 1176-1180.	27.0	137
43	Strategy and planning for chemopreventive drug development: Clinical development plans II. <i>Journal of Cellular Biochemistry</i> , 1996, 63, 54-71.	2.6	136
44	Standard Guidelines for the Chromosome-Centric Human Proteome Project. <i>Journal of Proteome Research</i> , 2012, 11, 2005-2013.	3.7	135
45	ConceptGen: a gene set enrichment and gene set relation mapping tool. <i>Bioinformatics</i> , 2010, 26, 456-463.	4.1	134
46	Information value of the rodent bioassay. <i>Nature</i> , 1988, 336, 631-633.	27.8	132
47	Preventing Coronary Heart Disease. <i>Circulation</i> , 1998, 97, 421-424.	1.6	130
48	Mass Spectrometry-Based Plasma Proteomics: Considerations from Sample Collection to Achieving Translational Data. <i>Journal of Proteome Research</i> , 2019, 18, 4085-4097.	3.7	128
49	International electronic health record-derived COVID-19 clinical course profiles: the 4CE consortium. <i>Npj Digital Medicine</i> , 2020, 3, 109.	10.9	128
50	Development of Natural Protein Microarrays for Diagnosing Cancer Based on an Antibody Response to Tumor Antigens. <i>Journal of Proteome Research</i> , 2004, 3, 261-267.	3.7	127
51	Metrics for the Human Proteome Project 2013–2014 and Strategies for Finding Missing Proteins. <i>Journal of Proteome Research</i> , 2014, 13, 15-20.	3.7	124
52	Intact-protein-based High-resolution Three-dimensional Quantitative Analysis System for Proteome Profiling of Biological Fluids. <i>Molecular and Cellular Proteomics</i> , 2005, 4, 618-625.	3.8	119
53	Personalized Exposure Assessment: Promising Approaches for Human Environmental Health Research. <i>Environmental Health Perspectives</i> , 2005, 113, 840-848.	6.0	115
54	State of the Human Proteome in 2013 as Viewed through PeptideAtlas: Comparing the Kidney, Urine, and Plasma Proteomes for the Biology- and Disease-Driven Human Proteome Project. <i>Journal of Proteome Research</i> , 2014, 13, 60-75.	3.7	115

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55	Quantitative Proteomic Profiling of Prostate Cancer Reveals a Role for miR-128 in Prostate Cancer. <i>Molecular and Cellular Proteomics</i> , 2010, 9, 298-312.	3.8	113
56	Novel gene and gene model detection using a whole genome open reading frame analysis in proteomics. <i>Genome Biology</i> , 2006, 7, R35.	9.6	107
57	The association of Waardenburg syndrome and Hirschsprung megacolon. <i>American Journal of Medical Genetics Part A</i> , 1979, 3, 217-223.	2.4	100
58	The Biology/Disease-driven Human Proteome Project (B/D-HPP): Enabling Protein Research for the Life Sciences Community. <i>Journal of Proteome Research</i> , 2013, 12, 23-27.	3.7	100
59	Cost-effectiveness of short-term tests for carcinogenicity. <i>Nature</i> , 1986, 324, 29-34.	27.8	99
60	Older Adults and Smoking. <i>Clinics in Geriatric Medicine</i> , 1992, 8, 69-88.	2.6	99
61	NGSQC: cross-platform quality analysis pipeline for deep sequencing data. <i>BMC Genomics</i> , 2010, 11, S7.	2.8	96
62	Temporal Quantitative Proteomics by iTRAQ 2D-LC-MS/MS and Corresponding mRNA Expression Analysis Identify Post-Transcriptional Modulation of Actin-Cytoskeleton Regulators During TGF- β 2-Induced Epithelial-Mesenchymal Transition. <i>Journal of Proteome Research</i> , 2009, 8, 35-47.	3.7	92
63	Current Perspective on the Global and United States Cancer Burden Attributable to Lifestyle and Environmental Risk Factors. <i>Annual Review of Public Health</i> , 2013, 34, 97-117.	17.4	92
64	Characterization of <i>KRAS</i> Rearrangements in Metastatic Prostate Cancer. <i>Cancer Discovery</i> , 2011, 1, 35-43.	9.4	91
65	Epigenetics: Relevance and Implications for Public Health. <i>Annual Review of Public Health</i> , 2014, 35, 105-122.	17.4	90
66	Chemoprevention of lung cancers: lessons from CARET, the beta-carotene and retinol efficacy trial, and prospects for the future. <i>European Journal of Cancer Prevention</i> , 2007, 16, 184-191.	1.3	87
67	Metrics for the Human Proteome Project 2015: Progress on the Human Proteome and Guidelines for High-Confidence Protein Identification. <i>Journal of Proteome Research</i> , 2015, 14, 3452-3460.	3.7	86
68	Advances and Utility of the Human Plasma Proteome. <i>Journal of Proteome Research</i> , 2021, 20, 5241-5263.	3.7	86
69	Microarrays of tumor cell derived proteins uncover a distinct pattern of prostate cancer serum immunoreactivity. <i>Proteomics</i> , 2003, 3, 2200-2207.	2.2	85
70	Medicine Needs Evolution. <i>Science</i> , 2006, 311, 1071-1071.	12.6	85
71	The Relative Merits of Population-Based and Targeted Prevention Strategies. <i>Milbank Quarterly</i> , 2008, 86, 557-580.	4.4	83
72	A functional annotation of subproteomes in human plasma. <i>Proteomics</i> , 2005, 5, 3506-3519.	2.2	82

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73	The emerging era of genomic data integration for analyzing splice isoform function. <i>Trends in Genetics</i> , 2014, 30, 340-347.	6.7	82
74	Human Proteome Project Mass Spectrometry Data Interpretation Guidelines 3.0. <i>Journal of Proteome Research</i> , 2019, 18, 4108-4116.	3.7	82
75	Systematically Differentiating Functions for Alternatively Spliced Isoforms through Integrating RNA-seq Data. <i>PLoS Computational Biology</i> , 2013, 9, e1003314.	3.2	78
76	A First Step Toward Completion of a Genome-Wide Characterization of the Human Proteome. <i>Journal of Proteome Research</i> , 2013, 12, 1-5.	3.7	77
77	Integrated Expression Profiling and ChIP-seq Analyses of the Growth Inhibition Response Program of the Androgen Receptor. <i>PLoS ONE</i> , 2009, 4, e6589.	2.5	77
78	Development and Validation of Sandwich ELISA Microarrays with Minimal Assay Interference. <i>Journal of Proteome Research</i> , 2008, 7, 2406-2414.	3.7	75
79	Predictors of Lung Cancer among Asbestos-exposed Men in the \hat{A} -Carotene and Retinol Efficacy Trial. <i>American Journal of Epidemiology</i> , 2005, 161, 260-270.	3.4	74
80	Research, innovation, and university-industry linkages. <i>Science</i> , 1980, 207, 379-384.	12.6	73
81	Strategies for plasma proteomic profiling of cancers. <i>Proteomics</i> , 2006, 6, 5662-5673.	2.2	73
82	Evolutionary molecular medicine. <i>Journal of Molecular Medicine</i> , 2012, 90, 509-522.	3.9	72
83	HIV infection reveals widespread expansion of novel centromeric human endogenous retroviruses. <i>Genome Research</i> , 2013, 23, 1505-1513.	5.5	72
84	State of the Human Proteome in 2014/2015 As Viewed through PeptideAtlas: Enhancing Accuracy and Coverage through the AtlasProphet. <i>Journal of Proteome Research</i> , 2015, 14, 3461-3473.	3.7	72
85	Metrics for the Human Proteome Project 2016: Progress on Identifying and Characterizing the Human Proteome, Including Post-Translational Modifications. <i>Journal of Proteome Research</i> , 2016, 15, 3951-3960.	3.7	72
86	Congenital adrenal hyperplasia. II. Cognitive and behavioral studies. <i>Behavior Genetics</i> , 1975, 5, 175-188.	2.1	71
87	Mucin Glycosylation Is Altered by Pro-Inflammatory Signaling in Pancreatic-Cancer Cells. <i>Journal of Proteome Research</i> , 2009, 8, 1876-1886.	3.7	70
88	CIDO, a community-based ontology for coronavirus disease knowledge and data integration, sharing, and analysis. <i>Scientific Data</i> , 2020, 7, 181.	5.3	70
89	A wide range of protein isoforms in serum and plasma uncovered by a quantitative intact protein analysis system. <i>Proteomics</i> , 2005, 5, 3343-3352.	2.2	69
90	An integrative approach to reveal driver gene fusions from paired-end sequencing data in cancer. <i>Nature Biotechnology</i> , 2009, 27, 1005-1011.	17.5	69

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91	Identification of Novel Alternative Splice Isoforms of Circulating Proteins in a Mouse Model of Human Pancreatic Cancer. <i>Cancer Research</i> , 2009, 69, 300-309.	0.9	67
92	Predictive Identification of Hypersusceptible Individuals. <i>Journal of Occupational and Environmental Medicine</i> , 1982, 24, 369-374.	1.7	67
93	Statistical design and monitoring of the carotene and retinol efficacy trial (CARET). <i>Contemporary Clinical Trials</i> , 1993, 14, 308-324.	1.9	63
94	Evolution and public health. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 1702-1709.	7.1	63
95	What Every Reader Should Know About Studies Using Electronic Health Record Data but May Be Afraid to Ask. <i>Journal of Medical Internet Research</i> , 2021, 23, e22219.	4.3	61
96	Progress on Identifying and Characterizing the Human Proteome: 2018 Metrics from the HUPO Human Proteome Project. <i>Journal of Proteome Research</i> , 2018, 17, 4031-4041.	3.7	59
97	Analysis of Tumor-Host Interactions by Gene Expression Profiling of Lung Adenocarcinoma Xenografts Identifies Genes Involved in Tumor Formation. <i>Molecular Cancer Research</i> , 2005, 3, 119-129.	3.4	57
98	New and improved proteomics technologies for understanding complex biological systems: Addressing a grand challenge in the life sciences. <i>Proteomics</i> , 2012, 12, 2773-2783.	2.2	57
99	Proteomic Characterization of Novel Alternative Splice Variant Proteins in Human Epidermal Growth Factor Receptor 2/neu-Induced Breast Cancers. <i>Cancer Research</i> , 2010, 70, 3440-3449.	0.9	56
100	Regulation of the Human Endogenous Retrovirus K (HML-2) Transcriptome by the HIV-1 Tat Protein. <i>Journal of Virology</i> , 2014, 88, 8924-8935.	3.4	56
101	Multi-Omic Biological Age Estimation and Its Correlation With Wellness and Disease Phenotypes: A Longitudinal Study of 3,558 Individuals. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2019, 74, S52-S60.	3.6	56
102	Identifying Inhibitors of Epithelial-Mesenchymal Transition by Connectivity Map-Based Systems Approach. <i>Journal of Thoracic Oncology</i> , 2011, 6, 1784-1792.	1.1	55
103	Progress on the HUPO Draft Human Proteome: 2017 Metrics of the Human Proteome Project. <i>Journal of Proteome Research</i> , 2017, 16, 4281-4287.	3.7	55
104	Fractionation of Antibodies against Staphylococcal Nuclease on Sepharose™ Immunoabsorbents. <i>Nature</i> , 1970, 225, 189-190.	27.8	54
105	Humoral Response Profiling Reveals Pathways to Prostate Cancer Progression. <i>Molecular and Cellular Proteomics</i> , 2008, 7, 600-611.	3.8	54
106	Development of data representation standards by the human proteome organization proteomics standards initiative. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2015, 22, 495-506.	4.4	54
107	Isolation of Mutants of <i>Staphylococcus aureus</i> Lacking Extracellular Nuclease Activity. <i>Journal of Bacteriology</i> , 1970, 101, 921-924.	2.2	54
108	Proteomic Interrogation of Androgen Action in Prostate Cancer Cells Reveals Roles of Aminoacyl tRNA Synthetases. <i>PLoS ONE</i> , 2009, 4, e7075.	2.5	54

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109	Do we want our data raw? Including binary mass spectrometry data in public proteomics data repositories. <i>Proteomics</i> , 2005, 5, 3501-3505.	2.2	53
110	Data management and preliminary data analysis in the pilot phase of the HUPO Plasma Proteome Project. <i>Proteomics</i> , 2005, 5, 3246-3261.	2.2	53
111	Quest for Missing Proteins: Update 2015 on Chromosome-Centric Human Proteome Project. <i>Journal of Proteome Research</i> , 2015, 14, 3415-3431.	3.7	53
112	A Gel-Based Proteomic Comparison of Human Cerebrospinal Fluid between Inflicted and Non-Inflicted Pediatric Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2007, 24, 43-53.	3.4	52
113	Implications of DRGs for Clinicians. <i>New England Journal of Medicine</i> , 1984, 311, 1314-1317.	27.0	51
114	Alternative Splice Variants, a New Class of Protein Cancer Biomarker Candidates: Findings in Pancreatic Cancer and Breast Cancer with Systems Biology Implications. <i>Disease Markers</i> , 2010, 28, 241-251.	1.3	51
115	Prenatal prediction in myotonic dystrophy: Guidelines for genetic counseling. <i>Clinical Genetics</i> , 1973, 4, 38-45.	2.0	50
116	Coupled Global and Targeted Proteomics of Human Embryonic Stem Cells during Induced Differentiation. <i>Molecular and Cellular Proteomics</i> , 2008, 7, 750-767.	3.8	50
117	Ontology-Based Combinatorial Comparative Analysis of Adverse Events Associated with Killed and Live Influenza Vaccines. <i>PLoS ONE</i> , 2012, 7, e49941.	2.5	49
118	Proteomics Approaches to Identify Tumor Antigen Directed Autoantibodies as Cancer Biomarkers. <i>Disease Markers</i> , 2004, 20, 149-153.	1.3	48
119	Genetic Predisposition Impacts Clinical Changes in a Lifestyle Coaching Program. <i>Scientific Reports</i> , 2019, 9, 6805.	3.3	48
120	Mapping genetic variations to three-dimensional protein structures to enhance variant interpretation: a proposed framework. <i>Genome Medicine</i> , 2017, 9, 113.	8.2	47
121	Longitudinal analysis reveals transition barriers between dominant ecological states in the gut microbiome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 13839-13845.	7.1	47
122	The Degree of Roentgenographic Parenchymal Opacities Attributable to Smoking among Asbestos-exposed Subjects. <i>The American Review of Respiratory Disease</i> , 1990, 141, 1102-1106.	2.9	45
123	Human Endogenous Retrovirus Type K (HERV-K) Particles Package and Transmit HERV-Related Sequences. <i>Journal of Virology</i> , 2015, 89, 7187-7201.	3.4	43
124	The role of the histone H3 variant CENPA in prostate cancer. <i>Journal of Biological Chemistry</i> , 2020, 295, 8537-8549.	3.4	43
125	Ectopic Polypeptide Hormone Production by Tumors. <i>Annals of Internal Medicine</i> , 1970, 72, 136.	3.9	42
126	Advancement of Biomarker Discovery and Validation through the HUPO Plasma Proteome Project. <i>Disease Markers</i> , 2004, 20, 131-134.	1.3	42

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127	Immunology and genetics of type 1 diabetes. Mount Sinai Journal of Medicine, 2008, 75, 314-327.	1.9	42
128	The strategy, organization, and progress of the HUPO Human Proteome Project. Journal of Proteomics, 2014, 100, 3-7.	2.4	42
129	Exploring the Human Plasma Proteome. Proteomics, 2005, 5, 3223-3225.	2.2	41
130	The human proteome – a scientific opportunity for transforming diagnostics, therapeutics, and healthcare. Clinical Proteomics, 2012, 9, 6.	2.1	41
131	Launching the C-HPP neXt-CP50 Pilot Project for Functional Characterization of Identified Proteins with No Known Function. Journal of Proteome Research, 2018, 17, 4042-4050.	3.7	41
132	Progress on Identifying and Characterizing the Human Proteome: 2019 Metrics from the HUPO Human Proteome Project. Journal of Proteome Research, 2019, 18, 4098-4107.	3.7	41
133	Human malic enzyme: High-frequency polymorphism of the mitochondrial form. Biochemical Genetics, 1972, 7, 303-311.	1.7	40
134	Functional Implications of Structural Predictions for Alternative Splice Proteins Expressed in Her2/neu-Induced Breast Cancers. Journal of Proteome Research, 2011, 10, 5503-5511.	3.7	40
135	Congenital adrenal hyperplasia. I. Family studies of IQ. Behavior Genetics, 1975, 5, 165-173.	2.1	38
136	Proteomics, Human Proteome Project, and Chromosomes. Journal of Proteome Research, 2011, 10, 210-210.	3.7	38
137	Genome Wide Proteomics of ERBB2 and EGFR and Other Oncogenic Pathways in Inflammatory Breast Cancer. Journal of Proteome Research, 2013, 12, 2805-2817.	3.7	38
138	Research on the Human Proteome Reaches a Major Milestone: >90% of Predicted Human Proteins Now Credibly Detected, According to the HUPO Human Proteome Project. Journal of Proteome Research, 2020, 19, 4735-4746.	3.7	38
139	The human proteome project: Current state and future direction. Molecular and Cellular Proteomics, 2011, , .	3.8	37
140	Epithelial-mesenchymal transition-associated secretory phenotype predicts survival in lung cancer patients. Carcinogenesis, 2014, 35, 1292-1300.	2.8	37
141	A new class of protein cancer biomarker candidates: Differentially expressed splice variants of ERBB2 (HER2/neu) and ERBB1 (EGFR) in breast cancer cell lines. Journal of Proteomics, 2014, 107, 103-112.	2.4	37
142	Validation of an internationally derived patient severity phenotype to support COVID-19 analytics from electronic health record data. Journal of the American Medical Informatics Association: JAMIA, 2021, 28, 1411-1420.	4.4	37
143	Caring for the community. Academic Medicine, 1999, 74, 782-9.	1.6	36
144	Healthcare information technology and economics. Journal of the American Medical Informatics Association: JAMIA, 2013, 20, 212-217.	4.4	36

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145	Immunochemical Localization of Parathyroid Hormone in Cancer Tissue from Patients with Ectopic Hyperparathyroidism. <i>Journal of Clinical Investigation</i> , 1974, 53, 1726-1735.	8.2	36
146	Alternative splice variants, a new class of protein cancer biomarker candidates: findings in pancreatic cancer and breast cancer with systems biology implications. <i>Disease Markers</i> , 2010, 28, 241-51.	1.3	36
147	Dyslexia: Search for phenotypic and genetic heterogeneity. <i>American Journal of Medical Genetics Part A</i> , 1978, 1, 333-342.	2.4	35
148	Humoral Autoimmunity against the Extracellular Domain of the Neuroendocrine Autoantigen IA-2 Heightens the Risk of Type 1 Diabetes. <i>Endocrinology</i> , 2010, 151, 2528-2537.	2.8	35
149	A Chromosome-centric Human Proteome Project (C-HPP) to Characterize the Sets of Proteins Encoded in Chromosome 17. <i>Journal of Proteome Research</i> , 2013, 12, 45-57.	3.7	35
150	DUOX2 variants associate with preclinical disturbances in microbiota-immune homeostasis and increased inflammatory bowel disease risk. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	35
151	Prospects for Radiographic Intrauterine Diagnosis "The Syndrome of Thrombocytopenia with Absent Radii. <i>New England Journal of Medicine</i> , 1973, 288, 777-778.	27.0	34
152	Future research directions in cancer ecogenetics. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1991, 247, 283-291.	1.0	34
153	Revisiting the identification of canonical splice isoforms through integration of functional genomics and proteomics evidence. <i>Proteomics</i> , 2014, 14, 2709-2718.	2.2	34
154	Expansion of a novel endogenous retrovirus throughout the pericentromeres of modern humans. <i>Genome Biology</i> , 2015, 16, 74.	8.8	34
155	Metab2MeSH: annotating compounds with medical subject headings. <i>Bioinformatics</i> , 2012, 28, 1408-1410.	4.1	33
156	Distinct Splice Variants and Pathway Enrichment in the Cell-Line Models of Aggressive Human Breast Cancer Subtypes. <i>Journal of Proteome Research</i> , 2014, 13, 212-227.	3.7	33
157	Ethical Principles, Constraints, and Opportunities in Clinical Proteomics. <i>Molecular and Cellular Proteomics</i> , 2021, 20, 100046.	3.8	33
158	International Analysis of Electronic Health Records of Children and Youth Hospitalized With COVID-19 Infection in 6 Countries. <i>JAMA Network Open</i> , 2021, 4, e2112596.	5.9	33
159	Distinguishing Admissions Specifically for COVID-19 From Incidental SARS-CoV-2 Admissions: National Retrospective Electronic Health Record Study. <i>Journal of Medical Internet Research</i> , 2022, 24, e37931.	4.3	33
160	The histocompatibility system and human disease. <i>Journal of Pediatrics</i> , 1976, 88, 913-925.	1.8	32
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