

Kelly V Ruggles

List of Publications by Year in descending order

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Version: 2024-02-01

71
papers

6,514
citations

147801

31
h-index

95266

68
g-index

81
all docs

81
docs citations

81
times ranked

10444
citing authors

#	ARTICLE	IF	CITATIONS
1	Proteogenomics connects somatic mutations to signalling in breast cancer. <i>Nature</i> , 2016, 534, 55-62.	27.8	1,384
2	Integrated Proteogenomic Characterization of Clear Cell Renal Cell Carcinoma. <i>Cell</i> , 2019, 179, 964-983.e31.	28.9	430
3	Proteogenomic Characterization Reveals Therapeutic Vulnerabilities in Lung Adenocarcinoma. <i>Cell</i> , 2020, 182, 200-225.e35.	28.9	410
4	Proteogenomic and metabolomic characterization of human glioblastoma. <i>Cancer Cell</i> , 2021, 39, 509-528.e20.	16.8	327
5	Ischemia in Tumors Induces Early and Sustained Phosphorylation Changes in Stress Kinase Pathways but Does Not Affect Global Protein Levels. <i>Molecular and Cellular Proteomics</i> , 2014, 13, 1690-1704.	3.8	323
6	Proteogenomic Characterization of Endometrial Carcinoma. <i>Cell</i> , 2020, 180, 729-748.e26.	28.9	296
7	Proteogenomic Landscape of Breast Cancer Tumorigenesis and Targeted Therapy. <i>Cell</i> , 2020, 183, 1436-1456.e31.	28.9	273
8	Integrated Proteogenomic Characterization across Major Histological Types of Pediatric Brain Cancer. <i>Cell</i> , 2020, 183, 1962-1985.e31.	28.9	177
9	A proteogenomic portrait of lung squamous cell carcinoma. <i>Cell</i> , 2021, 184, 4348-4371.e40.	28.9	170
10	CPTAC Assay Portal: a repository of targeted proteomic assays. <i>Nature Methods</i> , 2014, 11, 703-704.	19.0	150
11	Profiling the Essential Nature of Lipid Metabolism in Asexual Blood and Gametocyte Stages of <i>Plasmodium falciparum</i> . <i>Cell Host and Microbe</i> , 2015, 18, 371-381.	11.0	144
12	Methods, Tools and Current Perspectives in Proteogenomics. <i>Molecular and Cellular Proteomics</i> , 2017, 16, 959-981.	3.8	130
13	Sterol and Diacylglycerol Acyltransferase Deficiency Triggers Fatty Acid-mediated Cell Death. <i>Journal of Biological Chemistry</i> , 2009, 284, 30994-31005.	3.4	129
14	A widespread alternate form of cap-dependent mRNA translation initiation. <i>Nature Communications</i> , 2018, 9, 3068.	12.8	121
15	Altered Immunity of Laboratory Mice in the Natural Environment Is Associated with Fungal Colonization. <i>Cell Host and Microbe</i> , 2020, 27, 809-822.e6.	11.0	119
16	Phosphatidate Phosphatase Activity Plays Key Role in Protection against Fatty Acid-induced Toxicity in Yeast. <i>Journal of Biological Chemistry</i> , 2011, 286, 29074-29085.	3.4	113
17	Proteogenomic integration reveals therapeutic targets in breast cancer xenografts. <i>Nature Communications</i> , 2017, 8, 14864.	12.8	112
18	Platelets contribute to disease severity in COVID-19. <i>Journal of Thrombosis and Haemostasis</i> , 2021, 19, 3139-3153.	3.8	111

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19	An Analysis of the Sensitivity of Proteogenomic Mapping of Somatic Mutations and Novel Splicing Events in Cancer. <i>Molecular and Cellular Proteomics</i> , 2016, 15, 1060-1071.	3.8	104
20	Bacteriophages as potential new mammalian pathogens. <i>Scientific Reports</i> , 2017, 7, 7043.	3.3	94
21	A Comparative Analysis of SARS-CoV-2 Antivirals Characterizes 3CL ^{pro} Inhibitor PF-00835231 as a Potential New Treatment for COVID-19. <i>Journal of Virology</i> , 2021, 95, .	3.4	94
22	Coverage of the Ebola Virus Disease Epidemic on YouTube. <i>Disaster Medicine and Public Health Preparedness</i> , 2015, 9, 531-535.	1.3	82
23	Platelets amplify endotheliopathy in COVID-19. <i>Science Advances</i> , 2021, 7, eabh2434.	10.3	78
24	Antibiotic-induced acceleration of type 1 diabetes alters maturation of innate intestinal immunity. <i>ELife</i> , 2018, 7, .	6.0	70
25	Integrated Bottom-Up and Top-Down Proteomics of Patient-Derived Breast Tumor Xenografts. <i>Molecular and Cellular Proteomics</i> , 2016, 15, 45-56.	3.8	68
26	Prevalence of Sleep Duration on an Average School Night Among 4 Nationally Representative Successive Samples of American High School Students, 2007-2013. <i>Preventing Chronic Disease</i> , 2014, 11, E216.	3.4	62
27	Rewilding Nod2 and Atg16l1 Mutant Mice Uncovers Genetic and Environmental Contributions to Microbial Responses and Immune Cell Composition. <i>Cell Host and Microbe</i> , 2020, 27, 830-840.e4.	11.0	62
28	Mass Spectrometry-Based Proteomics Reveals Potential Roles of NEK9 and MAP2K4 in Resistance to PI3K Inhibition in Triple-Negative Breast Cancers. <i>Cancer Research</i> , 2018, 78, 2732-2746.	0.9	52
29	High enhancer, downer, withdrawal helper: Multifunctional nonmedical benzodiazepine use among young adult opioid users in New York City. <i>International Journal of Drug Policy</i> , 2017, 46, 17-27.	3.3	47
30	Making, Baking, and Breaking: the Synthesis, Storage, and Hydrolysis of Neutral Lipids. <i>Annual Review of Nutrition</i> , 2013, 33, 413-451.	10.1	46
31	Single-Cell Transcriptional Survey of Ileal-Anal Pouch Immune Cells From Ulcerative Colitis Patients. <i>Gastroenterology</i> , 2021, 160, 1679-1693.	1.3	40
32	Multimodal single-cell analysis of cutaneous T-cell lymphoma reveals distinct subclonal tissue-dependent signatures. <i>Blood</i> , 2021, 138, 1456-1464.	1.4	39
33	Changes in the Gut Microbiota of Urban Subjects during an Immersion in the Traditional Diet and Lifestyle of a Rainforest Village. <i>MSphere</i> , 2018, 3, .	2.9	34
34	Gun Possession among American Youth: A Discovery-Based Approach to Understand Gun Violence. <i>PLoS ONE</i> , 2014, 9, e111893.	2.5	33
35	Using the CPTAC Assay Portal to Identify and Implement Highly Characterized Targeted Proteomics Assays. <i>Methods in Molecular Biology</i> , 2016, 1410, 223-236.	0.9	33
36	Wnt signaling enhances macrophage responses to IL-4 and promotes resolution of atherosclerosis. <i>ELife</i> , 2021, 10, .	6.0	32

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37	Maternal cecal microbiota transfer rescues early-life antibiotic-induced enhancement of type 1 diabetes in mice. <i>Cell Host and Microbe</i> , 2021, 29, 1249-1265.e9.	11.0	32
38	Melanoma-Secreted Amyloid Beta Suppresses Neuroinflammation and Promotes Brain Metastasis. <i>Cancer Discovery</i> , 2022, 12, 1314-1335.	9.4	31
39	Microbial genetic and transcriptional contributions to oxalate degradation by the gut microbiota in health and disease. <i>ELife</i> , 2021, 10, .	6.0	30
40	A Functional, Genome-wide Evaluation of Liposensitive Yeast Identifies the <i>ARE2</i> Required for Viability (ARV1) Gene Product as a Major Component of Eukaryotic Fatty Acid Resistance. <i>Journal of Biological Chemistry</i> , 2014, 289, 4417-4431.	3.4	28
41	Data Science in the Research Domain Criteria Era: Relevance of Machine Learning to the Study of Stress Pathology, Recovery, and Resilience. <i>Chronic Stress</i> , 2018, 2, 247054701774755.	3.4	28
42	What are the Patterns Between Depression, Smoking, Unhealthy Alcohol Use, and Other Substance Use Among Individuals Receiving Medical Care? A Longitudinal Study of 5479 Participants. <i>AIDS and Behavior</i> , 2017, 21, 2014-2022.	2.7	27
43	Hyperactive CDK2 Activity in Basal-like Breast Cancer Imposes a Genome Integrity Liability that Can Be Exploited by Targeting DNA Polymerase δ . <i>Molecular Cell</i> , 2020, 80, 682-698.e7.	9.7	25
44	Effects of early-life penicillin exposure on the gut microbiome and frontal cortex and amygdala gene expression. <i>IScience</i> , 2021, 24, 102797.	4.1	25
45	ATP-binding cassette transporters and sterol <i>O</i> -acyltransferases interact at membrane microdomains to modulate sterol uptake and esterification. <i>FASEB Journal</i> , 2015, 29, 4682-4694.	0.5	21
46	Predictive Metagenomic Analysis of Autoimmune Disease Identifies Robust Autoimmunity and Disease Specific Microbial Signatures. <i>Frontiers in Microbiology</i> , 2021, 12, 621310.	3.5	21
47	The complexity of site quality: multiple factors affect web tenure in an orb-web spider. <i>Animal Behaviour</i> , 2010, 79, 1147-1155.	1.9	20
48	PGx: Putting Peptides to BED. <i>Journal of Proteome Research</i> , 2016, 15, 795-799.	3.7	20
49	Use of Sunscreen and Indoor Tanning Devices Among a Nationally Representative Sample of High School Students, 2001-2011. <i>Preventing Chronic Disease</i> , 2014, 11, E144.	3.4	17
50	Aggressive and Violent Behaviors in the School Environment Among a Nationally Representative Sample of Adolescent Youth. <i>Journal of School Health</i> , 2015, 85, 446-457.	1.6	17
51	RIVET: comprehensive graphic user interface for analysis and exploration of genome-wide translomics data. <i>BMC Genomics</i> , 2018, 19, 809.	2.8	17
52	Regulated Phosphosignaling Associated with Breast Cancer Subtypes and Druggability*. <i>Molecular and Cellular Proteomics</i> , 2019, 18, 1630-1650.	3.8	14
53	Spatially interacting phosphorylation sites and mutations in cancer. <i>Nature Communications</i> , 2021, 12, 2313.	12.8	12
54	Gene Expression Signature in Patients With Symptomatic Peripheral Artery Disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021, 41, 1521-1533.	2.4	12

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55	WHAM!: a web-based visualization suite for user-defined analysis of metagenomic shotgun sequencing data. BMC Genomics, 2018, 19, 493.	2.8	11
56	Characteristics of the most viewed YouTubeâ„¢ videos related to bullying. International Journal of Adolescent Medicine and Health, 2017, 29, .	1.3	10
57	Heroin Use and Drug Injection among Youth Also Misusing Prescription Drugs. American Journal of Health Behavior, 2018, 42, 144-155.	1.4	10
58	Targeting an Alcohol Intervention Costâ€¢Effectively to Persons Living with <scp>HIV</scp>/<scp>AIDS</scp> in East Africa. Alcoholism: Clinical and Experimental Research, 2015, 39, 2179-2188.	2.4	8
59	Next Generation Sequencing Data and Proteogenomics. Advances in Experimental Medicine and Biology, 2016, 926, 11-19.	1.6	6
60	A genomic ruler to assess oncogenic transition between breast tumor and stroma. PLoS ONE, 2018, 13, e0205602.	2.5	6
61	BlackSheep: A Bioconductor and Bioconda Package for Differential Extreme Value Analysis. Journal of Proteome Research, 2021, 20, 3767-3773.	3.7	6
62	Hypercluster: a flexible tool for parallelized unsupervised clustering optimization. BMC Bioinformatics, 2020, 21, 428.	2.6	6
63	Distinct Features of Human Myeloid Cell Cytokine Response Profiles Identify Neutrophil Activation by Cytokines as a Prognostic Feature during Tuberculosis and Cancer. Journal of Immunology, 2020, 204, 3389-3399.	0.8	4
64	Translational regulation of TFH cell differentiation and autoimmune pathogenesis. Science Advances, 2022, 8, .	10.3	2
65	Drug Transaction Experiences in American High Schools 2001â€¢2015. Journal of School Health, 2021, 91, 204-211.	1.6	1
66	Abstract 11039: Platelets Contribute to Disease Severity in Covid-19. Circulation, 2021, 144, .	1.6	1
67	Risk factors, transcriptomics, and outcomes of myocardial injury following lower extremity revascularization. Scientific Reports, 2022, 12, 6718.	3.3	1
68	Betting on the fastest horse: Using computer simulation to design a combination HIV intervention for future projects in Maharashtra, India. PLoS ONE, 2017, 12, e0184179.	2.5	0
69	Evaluating Alternative Designs of a Multilevel HIV Intervention in Maharashtra, India: The Impact of Stakeholder Constraints. MDM Policy and Practice, 2018, 3, 238146831880394.	0.9	0
70	Large-scale proteomic analysis of mechanisms of response to anti-angiogenesis therapy in -mutated endometrial cancers. Gynecologic Oncology, 2019, 154, 76.	1.4	0
71	Abstract SY44-02: Proteogenomic and phosphoproteomic analysis of breast cancer. , 2015, , .		0