

Kelly V Ruggles

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

73
papers

3,424
citations

27
h-index

58
g-index

81
ext. papers

5,089
ext. citations

12.7
avg, IF

4.86
L-index

#	Paper	IF	Citations
73	Proteogenomics connects somatic mutations to signalling in breast cancer. <i>Nature</i> , 2016 , 534, 55-62	50.4	938
72	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, 1690-704	7.6	239
71	Integrated Proteogenomic Characterization of Clear Cell Renal Cell Carcinoma. <i>Cell</i> , 2019 , 179, 964-983.e31	58.1	173
70	Proteogenomic Characterization Reveals Therapeutic Vulnerabilities in Lung Adenocarcinoma. <i>Cell</i> , 2020 , 182, 200-225.e35	56.2	139
69	Proteogenomic Characterization of Endometrial Carcinoma. <i>Cell</i> , 2020 , 180, 729-748.e26	56.2	122
68	CPTAC Assay Portal: a repository of targeted proteomic assays. <i>Nature Methods</i> , 2014 , 11, 703-4	21.6	113
67	Sterol and diacylglycerol acyltransferase deficiency triggers fatty acid-mediated cell death. <i>Journal of Biological Chemistry</i> , 2009 , 284, 30994-1005	5.4	109
66	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, 371-81	23.4	97
65	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	5.4	94
64	Methods, Tools and Current Perspectives in Proteogenomics. <i>Molecular and Cellular Proteomics</i> , 2017 , 16, 959-981	7.6	82
63	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, 1060-71	7.6	80
62	Proteogenomic integration reveals therapeutic targets in breast cancer xenografts. <i>Nature Communications</i> , 2017 , 8, 14864	17.4	78
61	Proteogenomic Landscape of Breast Cancer Tumorigenesis and Targeted Therapy. <i>Cell</i> , 2020 , 183, 1436-1456.e31	56.2	71
60	Proteogenomic and metabolomic characterization of human glioblastoma. <i>Cancer Cell</i> , 2021 , 39, 509-528.e20	28.4	71
59	A widespread alternate form of cap-dependent mRNA translation initiation. <i>Nature Communications</i> , 2018 , 9, 3068	17.4	60
58	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	23.4	59
57	Coverage of the Ebola Virus Disease Epidemic on YouTube. <i>Disaster Medicine and Public Health Preparedness</i> , 2015 , 9, 531-5	2.8	59

56	Integrated Bottom-Up and Top-Down Proteomics of Patient-Derived Breast Tumor Xenografts. <i>Molecular and Cellular Proteomics</i> , 2016 , 15, 45-56	7.6	53
55	Bacteriophages as potential new mammalian pathogens. <i>Scientific Reports</i> , 2017 , 7, 7043	4.9	53
54	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	3.7	50
53	Integrated Proteogenomic Characterization across Major Histological Types of Pediatric Brain Cancer. <i>Cell</i> , 2020 , 183, 1962-1985.e31	56.2	45
52	Antibiotic-induced acceleration of type 1 diabetes alters maturation of innate intestinal immunity. <i>ELife</i> , 2018 , 7,	8.9	41
51	A comparative analysis of SARS-CoV-2 antivirals characterizes 3CL inhibitor PF-00835231 as a potential new treatment for COVID-19. <i>Journal of Virology</i> , 2021 ,	6.6	38
50	Making, baking, and breaking: the synthesis, storage, and hydrolysis of neutral lipids. <i>Annual Review of Nutrition</i> , 2013 , 33, 413-51	9.9	37
49	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	5.5	36
48	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	10.1	34
47	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	23.4	31
46	Gun possession among American youth: a discovery-based approach to understand gun violence. <i>PLoS ONE</i> , 2014 , 9, e111893	3.7	27
45	Using the CPTAC Assay Portal to Identify and Implement Highly Characterized Targeted Proteomics Assays. <i>Methods in Molecular Biology</i> , 2016 , 1410, 223-36	1.4	25
44	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,	5	25
43	A functional, genome-wide evaluation of liposensitive yeast identifies the "ARE2 required for viability" (ARV1) gene product as a major component of eukaryotic fatty acid resistance. <i>Journal of Biological Chemistry</i> , 2014 , 289, 4417-31	5.4	24
42	Platelets contribute to disease severity in COVID-19. <i>Journal of Thrombosis and Haemostasis</i> , 2021 , 19, 3139-3153	15.4	24
41	Platelets amplify endotheliopathy in COVID-19. <i>Science Advances</i> , 2021 , 7, eabh2434	14.3	20
40	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	4.3	19
39	ATP-binding cassette transporters and sterol O-acyltransferases interact at membrane microdomains to modulate sterol uptake and esterification. <i>FASEB Journal</i> , 2015 , 29, 4682-94	0.9	18

38	The complexity of site quality: multiple factors affect web tenure in an orb-web spider. <i>Animal Behaviour</i> , 2010 , 79, 1147-1155	2.8	17
37	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,	3	16
36	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	3.7	16
35	Aggressive and violent behaviors in the school environment among a nationally representative sample of adolescent youth. <i>Journal of School Health</i> , 2015 , 85, 446-57	2.1	15
34	A proteogenomic portrait of lung squamous cell carcinoma. <i>Cell</i> , 2021 , 184, 4348-4371.e40	56.2	15
33	A comparative analysis of SARS-CoV-2 antivirals in human airway models characterizes 3CL inhibitor PF-00835231 as a potential new treatment for COVID-19 2021 ,		14
32	Hyperactive CDK2 Activity in Basal-like Breast Cancer Imposes a Genome Integrity Liability that Can Be Exploited by Targeting DNA Polymerase α <i>Molecular Cell</i> , 2020 , 80, 682-698.e7	17.6	13
31	PGx: Putting Peptides to BED. <i>Journal of Proteome Research</i> , 2016 , 15, 795-9	5.6	13
30	RIVET: comprehensive graphic user interface for analysis and exploration of genome-wide translomics data. <i>BMC Genomics</i> , 2018 , 19, 809	4.5	10
29	Single-Cell Transcriptional Survey of Ileal-Anal Pouch Immune Cells From Ulcerative Colitis Patients. <i>Gastroenterology</i> , 2021 , 160, 1679-1693	13.3	8
28	Wnt signaling enhances macrophage responses to IL-4 and promotes resolution of atherosclerosis. <i>ELife</i> , 2021 , 10,	8.9	8
27	Microbial genetic and transcriptional contributions to oxalate degradation by the gut microbiota in health and disease. <i>ELife</i> , 2021 , 10,	8.9	7
26	WHAM!: a web-based visualization suite for user-defined analysis of metagenomic shotgun sequencing data. <i>BMC Genomics</i> , 2018 , 19, 493	4.5	6
25	Heroin Use and Drug Injection among Youth Also Misusing Prescription Drugs. <i>American Journal of Health Behavior</i> , 2018 , 42, 144-155	1.9	6
24	Targeting an alcohol intervention cost-effectively to persons living with HIV/AIDS in East Africa. <i>Alcoholism: Clinical and Experimental Research</i> , 2015 , 39, 2179-88	3.7	6
23	Predictive Metagenomic Analysis of Autoimmune Disease Identifies Robust Autoimmunity and Disease Specific Microbial Signatures. <i>Frontiers in Microbiology</i> , 2021 , 12, 621310	5.7	6
22	Discrete immune response signature to SARS-CoV-2 mRNA vaccination versus infection 2021 ,		6
21	Characteristics of the most viewed YouTube videos related to bullying. <i>International Journal of Adolescent Medicine and Health</i> , 2015 , 29,	1.1	5

20	Regulated Phosphosignaling Associated with Breast Cancer Subtypes and Druggability. <i>Molecular and Cellular Proteomics</i> , 2019 , 18, 1630-1650	7.6	5
19	Next Generation Sequencing Data and Proteogenomics. <i>Advances in Experimental Medicine and Biology</i> , 2016 , 926, 11-19	3.6	5
18	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	23.4	5
17	Multimodal single-cell analysis of cutaneous T-cell lymphoma reveals distinct subclonal tissue-dependent signatures. <i>Blood</i> , 2021 , 138, 1456-1464	2.2	4
16	Effects of early-life penicillin exposure on the gut microbiome and frontal cortex and amygdala gene expression. <i>iScience</i> , 2021 , 24, 102797	6.1	4
15	A genomic ruler to assess oncogenic transition between breast tumor and stroma. <i>PLoS ONE</i> , 2018 , 13, e0205602	3.7	4
14	Hypercluster: a flexible tool for parallelized unsupervised clustering optimization. <i>BMC Bioinformatics</i> , 2020 , 21, 428	3.6	3
13	BlackSheep: A Bioconductor and Bioconda Package for Differential Extreme Value Analysis. <i>Journal of Proteome Research</i> , 2021 , 20, 3767-3773	5.6	3
12	Microbial contributions to oxalate metabolism in health and disease		2
11	Spatially interacting phosphorylation sites and mutations in cancer. <i>Nature Communications</i> , 2021 , 12, 2313	17.4	2
10	Gene Expression Signature in Patients With Symptomatic Peripheral Artery Disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021 , 41, 1521-1533	9.4	2
9	Melanoma-secreted Amyloid Beta Suppresses Neuroinflammation and Promotes Brain Metastasis.. <i>Cancer Discovery</i> , 2022 ,	24.4	2
8	Distinct Features of Human Myeloid Cell Cytokine Response Profiles Identify Neutrophil Activation by Cytokines as a Prognostic Feature during Tuberculosis and Cancer. <i>Journal of Immunology</i> , 2020 , 204, 3389-3399	5.3	1
7	Hypercluster: a python package and SnakeMake pipeline for flexible, parallelized unsupervised clustering optimization		1
6	BlackSheep: A Bioconductor and Bioconda package for differential extreme value analysis		1
5	Drug Transaction Experiences in American High Schools 2001-2015. <i>Journal of School Health</i> , 2021 , 91, 204-211	2.1	1
4	Abstract 11039: Platelets Contribute to Disease Severity in Covid-19. <i>Circulation</i> , 2021 , 144,	16.7	1
3	Betting on the fastest horse: Using computer simulation to design a combination HIV intervention for future projects in Maharashtra, India. <i>PLoS ONE</i> , 2017 , 12, e0184179	3.7	

2	Evaluating Alternative Designs of a Multilevel HIV Intervention in Maharashtra, India: The Impact of Stakeholder Constraints. <i>MDM Policy and Practice</i> , 2018 , 3, 2381468318803940	1.5
1	Risk factors, transcriptomics, and outcomes of myocardial injury following lower extremity revascularization.. <i>Scientific Reports</i> , 2022 , 12, 6718	4.9