

# Michael A Gillette

## 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.

29  
papers

29,785  
citations

25  
h-index

29  
g-index

29  
ext. papers

40,678  
ext. citations

25.8  
avg, IF

6.2  
L-index

#	Paper	IF	Citations
29	Gene set enrichment analysis: a knowledge-based approach for interpreting genome-wide expression profiles. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2005</b> , 102, 15545-50	11.5	24578
28	Protein biomarker discovery and validation: the long and uncertain path to clinical utility. <i>Nature Biotechnology</i> , <b>2006</b> , 24, 971-83	44.5	1347
27	Proteogenomics connects somatic mutations to signalling in breast cancer. <i>Nature</i> , <b>2016</b> , 534, 55-62	50.4	938
26	Integrated Proteogenomic Characterization of Human High-Grade Serous Ovarian Cancer. <i>Cell</i> , <b>2016</b> , 166, 755-765	56.2	544
25	Integrated proteomic analysis of post-translational modifications by serial enrichment. <i>Nature Methods</i> , <b>2013</b> , 10, 634-7	21.6	417
24	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> , <b>2014</b> , 13, 1690-704	7.6	239
23	Proteogenomic Analysis of Human Colon Cancer Reveals New Therapeutic Opportunities. <i>Cell</i> , <b>2019</b> , 177, 1035-1049.e19	56.2	237
22	Reproducible workflow for multiplexed deep-scale proteome and phosphoproteome analysis of tumor tissues by liquid chromatography-mass spectrometry. <i>Nature Protocols</i> , <b>2018</b> , 13, 1632-1661	18.8	176
21	Integrated Proteogenomic Characterization of Clear Cell Renal Cell Carcinoma. <i>Cell</i> , <b>2019</b> , 179, 964-983.e31	56.2	173
20	Multiplexed, Quantitative Workflow for Sensitive Biomarker Discovery in Plasma Yields Novel Candidates for Early Myocardial Injury. <i>Molecular and Cellular Proteomics</i> , <b>2015</b> , 14, 2375-93	7.6	141
19	Proteogenomic Characterization Reveals Therapeutic Vulnerabilities in Lung Adenocarcinoma. <i>Cell</i> , <b>2020</b> , 182, 200-225.e35	56.2	139
18	Proteogenomic Characterization of Endometrial Carcinoma. <i>Cell</i> , <b>2020</b> , 180, 729-748.e26	56.2	122
17	Proteogenomic integration reveals therapeutic targets in breast cancer xenografts. <i>Nature Communications</i> , <b>2017</b> , 8, 14864	17.4	78
16	Proteomics, Post-translational Modifications, and Integrative Analyses Reveal Molecular Heterogeneity within Medulloblastoma Subgroups. <i>Cancer Cell</i> , <b>2018</b> , 34, 396-410.e8	24.3	74
15	Proteogenomic Landscape of Breast Cancer Tumorigenesis and Targeted Therapy. <i>Cell</i> , <b>2020</b> , 183, 1436-1456.e31	56.2	71
14	Proteogenomic and metabolomic characterization of human glioblastoma. <i>Cancer Cell</i> , <b>2021</b> , 39, 509-528.e20	24.3	71
13	Lung Histopathology in Coronavirus Disease 2019 as Compared With Severe Acute Respiratory Syndrome and H1N1 Influenza: A Systematic Review. <i>Chest</i> , <b>2021</b> , 159, 73-84	5.3	69

12	A Curated Resource for Phosphosite-specific Signature Analysis. <i>Molecular and Cellular Proteomics</i> , <b>2019</b> , 18, 576-593	7.6	68
11	Simplified and efficient quantification of low-abundance proteins at very high multiplex via targeted mass spectrometry. <i>Molecular and Cellular Proteomics</i> , <b>2014</b> , 13, 1137-49	7.6	55
10	Proteogenomic insights into the biology and treatment of HPV-negative head and neck squamous cell carcinoma. <i>Cancer Cell</i> , <b>2021</b> , 39, 361-379.e16	24.3	50
9	Creation of a Human Secretome: A Novel Composite Library of Human Secreted Proteins: Validation Using Ovarian Cancer Gene Expression Data and a Virtual Secretome Array. <i>Clinical Cancer Research</i> , <b>2015</b> , 21, 4960-9	12.9	44
8	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> , <b>2018</b> , 78, 2732-2746	10.1	34
7	Integrated Proteomic and Glycoproteomic Characterization of Human High-Grade Serous Ovarian Carcinoma. <i>Cell Reports</i> , <b>2020</b> , 33, 108276	10.6	33
6	Microscaled proteogenomic methods for precision oncology. <i>Nature Communications</i> , <b>2020</b> , 11, 532	17.4	31
5	A rapid triage test for active pulmonary tuberculosis in adult patients with persistent cough. <i>Science Translational Medicine</i> , <b>2019</b> , 11,	17.5	27
4	A proteogenomic portrait of lung squamous cell carcinoma. <i>Cell</i> , <b>2021</b> , 184, 4348-4371.e40	56.2	15
3	Cancer proteogenomics: current impact and future prospects.. <i>Nature Reviews Cancer</i> , <b>2022</b> ,	31.3	7
2	Genomic Profiling of Lung Adenocarcinoma in Never-Smokers. <i>Journal of Clinical Oncology</i> , <b>2021</b> , 39, 3747-3758	2.2	4
1	A highly multiplexed quantitative phosphosite assay for biology and preclinical studies. <i>Molecular Systems Biology</i> , <b>2021</b> , 17, e10156	12.2	3