

Tamar Geiger

List of Publications by Year in Descending Order

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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.

72 papers	6,814 citations	32 h-index	80 g-index
80 ext. papers	9,621 ext. citations	14.2 avg, IF	5.95 L-index

#	Paper	IF	Citations
72	Disrupted neural correlates of anesthesia and sleep reveal early circuit dysfunctions in Alzheimer models.. <i>Cell Reports</i> , 2022 , 38, 110268	10.6	1
71	Nucleoporin-93 reveals a common feature of aggressive breast cancers: robust nucleocytoplasmic transport of transcription factors.. <i>Cell Reports</i> , 2022 , 38, 110418	10.6	0
70	Phosphoproteomics reveals novel modes of function and inter-relationships among PIKKs in response to genotoxic stress. <i>EMBO Journal</i> , 2021 , 40, e104400	13	14
69	IRS1 phosphorylation underlies the non-stochastic probability of cancer cells to persist during EGFR inhibition therapy.. <i>Nature Cancer</i> , 2021 , 2, 1055-1070	15.4	0
68	Proteogenomics of glioblastoma associates molecular patterns with survival. <i>Cell Reports</i> , 2021 , 34, 108787	18.6	6
67	Distinct extracellular-matrix remodeling events precede symptoms of inflammation. <i>Matrix Biology</i> , 2021 , 96, 47-68	11.4	6
66	Anti-tumour immunity induces aberrant peptide presentation in melanoma. <i>Nature</i> , 2021 , 590, 332-337	50.4	28
65	Serine Biosynthesis Is a Metabolic Vulnerability in IDH2-Driven Breast Cancer Progression. <i>Cancer Research</i> , 2021 , 81, 1443-1456	10.1	4
64	Clinical Proteomics of Metastatic Melanoma Reveals Profiles of Organ Specificity and Treatment Resistance. <i>Clinical Cancer Research</i> , 2021 , 27, 2074-2086	12.9	3
63	Metastasis-Entrained Eosinophils Enhance Lymphocyte-Mediated Antitumor Immunity. <i>Cancer Research</i> , 2021 , 81, 5555-5571	10.1	3
62	Nascent Ribo-Seq measures ribosomal loading time and reveals kinetic impact on ribosome density. <i>Nature Methods</i> , 2021 , 18, 1068-1074	21.6	2
61	Spontaneous regression of micro-metastases following primary tumor excision: a critical role for primary tumor secretome. <i>BMC Biology</i> , 2020 , 18, 163	7.3	1
60	NF-B-miR-155 axis activation mediates ovulation-induced oncogenic effects in fallopian tube epithelium. <i>Carcinogenesis</i> , 2020 , 41, 1703-1712	4.6	2
59	Across the Globe: Proteogenomic Landscapes of Lung Cancer. <i>Cell</i> , 2020 , 182, 9-11	56.2	
58	Proteomic patterns associated with response to breast cancer neoadjuvant treatment. <i>Molecular Systems Biology</i> , 2020 , 16, e9443	12.2	15
57	PDZD8 interacts with Protrudin and Rab7 at ER-late endosome membrane contact sites associated with mitochondria. <i>Nature Communications</i> , 2020 , 11, 3645	17.4	26
56	Spatiotemporal Proteomic Analysis of Stress Granule Disassembly Using APEX Reveals Regulation by SUMOylation and Links to ALS Pathogenesis. <i>Molecular Cell</i> , 2020 , 80, 876-891.e6	17.6	44

55	Pleiotropic tumor suppressor functions of WWOX antagonize metastasis. <i>Signal Transduction and Targeted Therapy</i> , 2020 , 5, 43	21	11
54	Proteomics of Melanoma Response to Immunotherapy Reveals Mitochondrial Dependence. <i>Cell</i> , 2019 , 179, 236-250.e18	56.2	107
53	Simultaneous Integration of Multi-omics Data Improves the Identification of Cancer Driver Modules. <i>Cell Systems</i> , 2019 , 8, 456-466.e5	10.6	21
52	Mitochondrial Regulation of the Hippocampal Firing Rate Set Point and Seizure Susceptibility. <i>Neuron</i> , 2019 , 102, 1009-1024.e8	13.9	51
51	Specific inhibition of splicing factor activity by decoy RNA oligonucleotides. <i>Nature Communications</i> , 2019 , 10, 1590	17.4	37
50	Proteomic and genomic signatures of repeat instability in cancer and adjacent normal tissues. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 16987-16996	11.5	6
49	Systematic Detection of Amino Acid Substitutions in Proteomes Reveals Mechanistic Basis of Ribosome Errors and Selection for Translation Fidelity. <i>Molecular Cell</i> , 2019 , 75, 427-441.e5	17.6	36
48	MicroRNAs Affect Complement Regulator Expression and Mitochondrial Activity to Modulate Cell Resistance to Complement-Dependent Cytotoxicity. <i>Cancer Immunology Research</i> , 2019 , 7, 1970-1983	12.5	6
47	Microvesicle Proteomic Profiling of Uterine Liquid Biopsy for Ovarian Cancer Early Detection. <i>Molecular and Cellular Proteomics</i> , 2019 , 18, 865-875	7.6	25
46	The landscape of tiered regulation of breast cancer cell metabolism. <i>Scientific Reports</i> , 2019 , 9, 17760	4.9	9
45	Cell shape alteration during adipogenesis is associated with coordinated matrix cues. <i>Journal of Cellular Physiology</i> , 2019 , 234, 3850-3863	7	23
44	UBQLN4 Represses Homologous Recombination and Is Overexpressed in Aggressive Tumors. <i>Cell</i> , 2019 , 176, 505-519.e22	56.2	68
43	Identification of nucleolar protein NOM1 as a novel nuclear IGF1R-interacting protein. <i>Molecular Genetics and Metabolism</i> , 2019 , 126, 259-265	3.7	4
42	S101, an Inhibitor of Proliferating T Cells, Rescues Mice From Superantigen-Induced Shock. <i>Journal of Infectious Diseases</i> , 2018 , 217, 288-297	7	1
41	IGF1R signaling drives antiestrogen resistance through PAK2/PIX activation in luminal breast cancer. <i>Oncogene</i> , 2018 , 37, 1869-1884	9.2	19
40	Nuclear poly(A)-binding protein 1 is an ATM target and essential for DNA double-strand break repair. <i>Nucleic Acids Research</i> , 2018 , 46, 730-747	20.1	6
39	The Proteome of Prostate Cancer Bone Metastasis Reveals Heterogeneity with Prognostic Implications. <i>Clinical Cancer Research</i> , 2018 , 24, 5433-5444	12.9	44
38	Clinical Proteomics of Breast Cancer Reveals a Novel Layer of Breast Cancer Classification. <i>Cancer Research</i> , 2018 , 78, 6001-6010	10.1	38

37	Proteomic analysis of polyribosomes identifies splicing factors as potential regulators of translation during mitosis. <i>Nucleic Acids Research</i> , 2017 , 45, 5945-5957	20.1	23
36	Mutant eIF2B leads to impaired mitochondrial oxidative phosphorylation in vanishing white matter disease. <i>Journal of Neurochemistry</i> , 2017 , 141, 694-707	6	26
35	Next-Generation Proteomics and Its Application to Clinical Breast Cancer Research. <i>American Journal of Pathology</i> , 2017 , 187, 2175-2184	5.8	21
34	Plasma Biomarker Identification and Quantification by Microparticle Proteomics. <i>Methods in Molecular Biology</i> , 2017 , 1619, 477-486	1.4	2
33	Reduced changes in protein compared to mRNA levels across non-proliferating tissues. <i>BMC Genomics</i> , 2017 , 18, 305	4.5	43
32	Breast cancer tumorigenicity is dependent on high expression levels of NAF-1 and the lability of its Fe-S clusters. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 10890-5	11.5	49
31	The Perseus computational platform for comprehensive analysis of (prote)omics data. <i>Nature Methods</i> , 2016 , 13, 731-40	21.6	3257
30	The Proteome of Primary Prostate Cancer. <i>European Urology</i> , 2016 , 69, 942-52	10.2	97
29	System-wide Clinical Proteomics of Breast Cancer Reveals Global Remodeling of Tissue Homeostasis. <i>Cell Systems</i> , 2016 , 2, 172-84	10.6	63
28	Proteomic maps of breast cancer subtypes. <i>Nature Communications</i> , 2016 , 7, 10259	17.4	178
27	TMPRSS2-ERG fusion protein regulates insulin-like growth factor-1 receptor (IGF1R) gene expression in prostate cancer: involvement of transcription factor Sp1. <i>Oncotarget</i> , 2016 , 7, 51375-51392	3.3	17
26	Elucidation of Signaling Pathways from Large-Scale Phosphoproteomic Data Using Protein Interaction Networks. <i>Cell Systems</i> , 2016 , 3, 585-593.e3	10.6	42
25	Tumor macrophages are pivotal constructors of tumor collagenous matrix. <i>Journal of Experimental Medicine</i> , 2016 , 213, 2315-2331	16.6	174
24	The focal adhesion protein PINCH-1 associates with EPLIN at integrin adhesion sites. <i>Journal of Cell Science</i> , 2015 , 128, 1023-33	5.3	17
23	Myelin-associated glycoprotein gene mutation causes Pelizaeus-Merzbacher disease-like disorder. <i>Brain</i> , 2015 , 138, 2521-36	11.2	37
22	Lam6 Regulates the Extent of Contacts between Organelles. <i>Cell Reports</i> , 2015 , 12, 7-14	10.6	140
21	Senescent cells communicate via intercellular protein transfer. <i>Genes and Development</i> , 2015 , 29, 791-802	2.6	82
20	Regulation of Elg1 activity by phosphorylation. <i>Cell Cycle</i> , 2015 , 14, 3689-97	4.7	10

19	Proteomics-level analysis of myelin formation and regeneration in a mouse model for Vanishing White Matter disease. <i>Journal of Neurochemistry</i> , 2015 , 134, 513-26	6	21
18	Down-regulation of LATS kinases alters p53 to promote cell migration. <i>Genes and Development</i> , 2015 , 29, 2325-30	12.6	49
17	Phosphoproteomic analysis reveals Smarcb1 dependent EGFR signaling in Malignant Rhabdoid tumor cells. <i>Molecular Cancer</i> , 2015 , 14, 167	42.1	11
16	MiR-375 promotes redifferentiation of adult human cells expanded in vitro. <i>PLoS ONE</i> , 2015 , 10, e0122108	3.7	48
15	Uncovering Hidden Layers of Cell Cycle Regulation through Integrative Multi-omic Analysis. <i>PLoS Genetics</i> , 2015 , 11, e1005554	6	34
14	Proteomics of microparticles with SILAC Quantification (PROMIS-Quan): a novel proteomic method for plasma biomarker quantification. <i>Molecular and Cellular Proteomics</i> , 2015 , 14, 1127-36	7.6	32
13	Tumor-derived osteopontin reprograms normal mammary fibroblasts to promote inflammation and tumor growth in breast cancer. <i>Cancer Research</i> , 2015 , 75, 963-73	10.1	98
12	Rescue of embryonic stem cells from cellular transformation by proteomic stabilization of mutant p53 and conversion into WT conformation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 7006-11	11.5	36
11	Predicting cancer-specific vulnerability via data-driven detection of synthetic lethality. <i>Cell</i> , 2014 , 158, 1199-1209	56.2	167
10	A dynamic interface between vacuoles and mitochondria in yeast. <i>Developmental Cell</i> , 2014 , 30, 95-102	10.2	266
9	Genome-wide identification and quantification of protein synthesis in cultured cells and whole tissues by puromycin-associated nascent chain proteomics (PUNCH-P). <i>Nature Protocols</i> , 2014 , 9, 751-60	18.8	52
8	PUNCH-P for global translome profiling: Methodology, insights and comparison to other techniques. <i>Translation</i> , 2013 , 1, e27516		11
7	Opening the floodgates: proteomics and the integrin adhesome. <i>Current Opinion in Cell Biology</i> , 2012 , 24, 562-8	9	78
6	Proteomic portrait of human breast cancer progression identifies novel prognostic markers. <i>Cancer Research</i> , 2012 , 72, 2428-39	10.1	107
5	Use of stable isotope labeling by amino acids in cell culture as a spike-in standard in quantitative proteomics. <i>Nature Protocols</i> , 2011 , 6, 147-57	18.8	232
4	Super-SILAC mix for quantitative proteomics of human tumor tissue. <i>Nature Methods</i> , 2010 , 7, 383-5	21.6	431
3	Proteomics on an Orbitrap benchtop mass spectrometer using all-ion fragmentation. <i>Molecular and Cellular Proteomics</i> , 2010 , 9, 2252-61	7.6	189
2	ModulOmics: Integrating Multi-Omics Data to Identify Cancer Driver Modules		1

1 Distinct extracellular-matrix remodeling events precede symptoms of inflammation

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