

# Laura E Herring

## List of Publications by Year in descending order

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Version: 2024-02-01

46  
papers

2,319  
citations

279798

23  
h-index

254184

43  
g-index

49  
all docs

49  
docs citations

49  
times ranked

4547  
citing authors

#	ARTICLE	IF	CITATIONS
1	Antigen-capturing nanoparticles improve the abscopal effect and cancer immunotherapy. <i>Nature Nanotechnology</i> , 2017, 12, 877-882.	31.5	541
2	Chronic E-Cigarette Exposure Alters the Human Bronchial Epithelial Proteome. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 198, 67-76.	5.6	176
3	Degradation of Polycomb Repressive Complex 2 with an EED-Targeted Bivalent Chemical Degradator. <i>Cell Chemical Biology</i> , 2020, 27, 47-56.e15.	5.2	127
4	Mitochondrial Protease ClpP is a Target for the Anticancer Compounds ONC201 and Related Analogues. <i>ACS Chemical Biology</i> , 2019, 14, 1020-1029.	3.4	117
5	KRAS Suppression-Induced Degradation of MYC Is Antagonized by a MEK5-ERK5 Compensatory Mechanism. <i>Cancer Cell</i> , 2018, 34, 807-822.e7.	16.8	112
6	O-GlcNAc Transferase Suppresses Inflammation and Necroptosis by Targeting Receptor-Interacting Serine/Threonine-Protein Kinase 3. <i>Immunity</i> , 2019, 50, 576-590.e6.	14.3	111
7	THEMIS-SHP1 Recruitment by 4-1BB Tunes LCK-Mediated Priming of Chimeric Antigen Receptor-Redirected T Cells. <i>Cancer Cell</i> , 2020, 37, 216-225.e6.	16.8	89
8	Myeloid-derived cullin 3 promotes STAT3 phosphorylation by inhibiting OGT expression and protects against intestinal inflammation. <i>Journal of Experimental Medicine</i> , 2017, 214, 1093-1109.	8.5	85
9	O-GlcNAc Transferase Links Glucose Metabolism to MAVS-Mediated Antiviral Innate Immunity. <i>Cell Host and Microbe</i> , 2018, 24, 791-803.e6.	11.0	81
10	Lack of GAS2L2 Causes PCD by Impairing Cilia Orientation and Mucociliary Clearance. <i>American Journal of Human Genetics</i> , 2019, 104, 229-245.	6.2	74
11	Organ-specific metastases obtained by culturing colorectal cancer cells on tissue-specific decellularized scaffolds. <i>Nature Biomedical Engineering</i> , 2018, 2, 443-452.	22.5	73
12	A selective WDR5 degrader inhibits acute myeloid leukemia in patient-derived mouse models. <i>Science Translational Medicine</i> , 2021, 13, eabj1578.	12.4	67
13	TBK1 Is a Synthetic Lethal Target in Cancer with VHL Loss. <i>Cancer Discovery</i> , 2020, 10, 460-475.	9.4	63
14	Application of a MYC degradation screen identifies sensitivity to CDK9 inhibitors in KRAS-mutant pancreatic cancer. <i>Science Signaling</i> , 2019, 12, .	3.6	46
15	Combination therapy with potent PI3K and MAPK inhibitors overcomes adaptive kinome resistance to single agents in preclinical models of glioblastoma. <i>Neuro-Oncology</i> , 2017, 19, 1469-1480.	1.2	42
16	Site-specific phosphorylation and caspase cleavage of GFAP are new markers of Alexander disease severity. <i>ELife</i> , 2019, 8, .	6.0	42
17	Genome-wide Screening Identifies SFMBT1 as an Oncogenic Driver in Cancer with VHL Loss. <i>Molecular Cell</i> , 2020, 77, 1294-1306.e5.	9.7	41
18	Identification of BBOX1 as a Therapeutic Target in Triple-Negative Breast Cancer. <i>Cancer Discovery</i> , 2020, 10, 1706-1721.	9.4	35

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19	<i>Listeria monocytogenes</i> upregulates mitochondrial calcium signalling to inhibit LC3-associated phagocytosis as a survival strategy. <i>Nature Microbiology</i> , 2021, 6, 366-379.	13.3	33
20	Gatekeeper Tyrosine Phosphorylation of SYMRK Is Essential for Synchronizing the Epidermal and Cortical Responses in Root Nodule Symbiosis. <i>Plant Physiology</i> , 2016, 171, 71-81.	4.8	28
21	Kinome Profiling Identifies Druggable Targets for Novel Human Cytomegalovirus (HCMV) Antivirals. <i>Molecular and Cellular Proteomics</i> , 2017, 16, S263-S276.	3.8	28
22	Design and Profiling of a Subcellular Targeted Optogenetic cAMP-Dependent Protein Kinase. <i>Cell Chemical Biology</i> , 2018, 25, 100-109.e8.	5.2	28
23	TBK1 Limits mTORC1 by Promoting Phosphorylation of Raptor Ser877. <i>Scientific Reports</i> , 2019, 9, 13470.	3.3	27
24	<i>SPOP</i> and <i>OTUD7A</i> Control <i>EWS</i> FLI1 Protein Stability to Govern Ewing Sarcoma Growth. <i>Advanced Science</i> , 2021, 8, e2004846.	11.2	27
25	Formation of a TBX20-CASZ1 protein complex is protective against dilated cardiomyopathy and critical for cardiac homeostasis. <i>PLoS Genetics</i> , 2017, 13, e1007011.	3.5	24
26	Conservation and divergence of protein pathways in the vertebrate heart. <i>PLoS Biology</i> , 2019, 17, e3000437.	5.6	18
27	BIRC6 mediates imatinib resistance independently of Mcl-1. <i>PLoS ONE</i> , 2017, 12, e0177871.	2.5	16
28	Targeting p130Cas- and microtubule-dependent MYC regulation sensitizes pancreatic cancer to ERK MAPK inhibition. <i>Cell Reports</i> , 2021, 35, 109291.	6.4	15
29	Reduction of protein phosphatase 2A (PP2A) complexity reveals cellular functions and dephosphorylation motifs of the PP2A/B $\alpha$ holoenzyme. <i>Journal of Biological Chemistry</i> , 2020, 295, 5654-5668.	3.4	14
30	Tau seeds are subject to aberrant modifications resulting in distinct signatures. <i>Cell Reports</i> , 2021, 35, 109037.	6.4	14
31	The KRAS-regulated kinome identifies WEE1 and ERK coinhibition as a potential therapeutic strategy in KRAS-mutant pancreatic cancer. <i>Journal of Biological Chemistry</i> , 2021, 297, 101335.	3.4	14
32	Mass spectrometry-based selectivity profiling identifies a highly selective inhibitor of the kinase MELK that delays mitotic entry in cancer cells. <i>Journal of Biological Chemistry</i> , 2020, 295, 2359-2374.	3.4	13
33	Data-Driven Construction of Antitumor Agents with Controlled Polypharmacology. <i>Journal of the American Chemical Society</i> , 2019, 141, 15700-15709.	13.7	12
34	Therapeutic Effect of Y-27632 on Tumorigenesis and Cisplatin-Induced Peripheral Sensory Loss through RhoA-NF- $\kappa$ B. <i>Molecular Cancer Research</i> , 2019, 17, 1910-1919.	3.4	12
35	A Peptidomimetic Ligand Targeting the Chromodomain of MPP8 Reveals HRP2's Association with the HUSH Complex. <i>ACS Chemical Biology</i> , 2021, 16, 1721-1736.	3.4	12
36	Application of Integrated Drug Screening/Kinome Analysis to Identify Inhibitors of Gemcitabine-Resistant Pancreatic Cancer Cell Growth. <i>SLAS Discovery</i> , 2018, 23, 850-861.	2.7	11

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37	Positive Cooperativity in Substrate Binding by Human Thymidylate Synthase. <i>Biophysical Journal</i> , 2019, 117, 1074-1084.	0.5	11
38	Development of a tandem affinity phosphoproteomic method with motif selectivity and its application in analysis of signal transduction networks. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 988, 166-174.	2.3	10
39	Burn Injury Induces Proinflammatory Plasma Extracellular Vesicles That Associate with Length of Hospital Stay in Women: CRP and SAA1 as Potential Prognostic Indicators. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10083.	4.1	9
40	The role of SPAG1 in the assembly of axonemal dyneins in human airway epithelia. <i>Journal of Cell Science</i> , 2022, 135, .	2.0	5
41	Dasatinib Is Preferentially Active in the Activated B-Cell Subtype of Diffuse Large B-Cell Lymphoma. <i>Journal of Proteome Research</i> , 2019, 18, 522-534.	3.7	3
42	Approximating Isotope Distributions of Biomolecule Fragments. <i>ACS Omega</i> , 2018, 3, 11383-11391.	3.5	3
43	Pathway-Based High-Throughput Chemical Screen Identifies Compounds That Decouple Heterochromatin Transformations. <i>SLAS Discovery</i> , 2019, 24, 802-816.	2.7	3
44	Identification of a reciprocal negative feedback loop between tau-modifying proteins MARK2 kinase and CBP acetyltransferase. <i>Journal of Biological Chemistry</i> , 2022, 298, 101977.	3.4	1
45	Synaptic mechanisms underlying the rapid-acting antidepressant actions of ketamine. <i>FASEB Journal</i> , 2018, 32, lb612.	0.5	0
46	The path to neurosurgery: identifying obstacles to pursuing a medical career unique to rural high school students when compared with urban and suburban students. <i>Journal of Neurosurgery</i> , 2022, , 1-6.	1.6	0