

# David H Hawke

## List of Publications by Year in descending order

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119  
papers

10,731  
citations

46918

47  
h-index

32761

100  
g-index

122  
all docs

122  
docs citations

122  
times ranked

18675  
citing authors

#	ARTICLE	IF	CITATIONS
1	Phosphorylation of $\beta$ -Catenin by AKT Promotes $\beta$ -Catenin Transcriptional Activity. <i>Journal of Biological Chemistry</i> , 2007, 282, 11221-11229.	1.6	740
2	PKM2 Phosphorylates Histone H3 and Promotes Gene Transcription and Tumorigenesis. <i>Cell</i> , 2012, 150, 685-696.	13.5	635
3	A role for cell-cycle-regulated histone H3 lysine 56 acetylation in the DNA damage response. <i>Nature</i> , 2005, 436, 294-298.	13.7	552
4	The LINK-A lncRNA activates normoxic HIF1 $\alpha$ signalling in triple-negative breast cancer. <i>Nature Cell Biology</i> , 2016, 18, 213-224.	4.6	444
5	Tumor Suppressor ARF Degrades B23, a Nucleolar Protein Involved in Ribosome Biogenesis and Cell Proliferation. <i>Molecular Cell</i> , 2003, 12, 1151-1164.	4.5	408
6	lncRNA Directs Cooperative Epigenetic Regulation Downstream of Chemokine Signals. <i>Cell</i> , 2014, 159, 1110-1125.	13.5	393
7	Endothelial Cells Promote the Colorectal Cancer Stem Cell Phenotype through a Soluble Form of Jagged-1. <i>Cancer Cell</i> , 2013, 23, 171-185.	7.7	390
8	Mitochondria-Translocated PKG1 Functions as a Protein Kinase to Coordinate Glycolysis and the TCA Cycle in Tumorigenesis. <i>Molecular Cell</i> , 2016, 61, 705-719.	4.5	319
9	KAT2A coupled with the $\beta$ -KGDH complex acts as a histone H3 succinyltransferase. <i>Nature</i> , 2017, 552, 273-277.	13.7	301
10	Tyrosine phosphorylation controls PCNA function through protein stability. <i>Nature Cell Biology</i> , 2006, 8, 1359-1368.	4.6	277
11	Oncogenic lncRNA downregulates cancer cell antigen presentation and intrinsic tumor suppression. <i>Nature Immunology</i> , 2019, 20, 835-851.	7.0	277
12	A ROR1 $\alpha$ -HER3 $\alpha$ lncRNA signalling axis modulates the Hippo $\alpha$ -YAP pathway to regulate bone metastasis. <i>Nature Cell Biology</i> , 2017, 19, 106-119.	4.6	253
13	Glioblastoma stem cell-derived exosomes induce M2 macrophages and PD-L1 expression on human monocytes. <i>Oncolmmunology</i> , 2018, 7, e1412909.	2.1	247
14	EGF-Induced ERK Activation Promotes CK2-Mediated Disassociation of $\beta$ -Catenin from $\beta$ -Catenin and Transactivation of $\beta$ -Catenin. <i>Molecular Cell</i> , 2009, 36, 547-559.	4.5	237
15	Benchtop isolation and characterization of functional exosomes by sequential filtration. <i>Journal of Chromatography A</i> , 2014, 1371, 125-135.	1.8	212
16	The LINK-A lncRNA interacts with PtdIns(3,4,5)P3 to hyperactivate AKT and confer resistance to AKT inhibitors. <i>Nature Cell Biology</i> , 2017, 19, 238-251.	4.6	201
17	PKM2 Regulates Chromosome Segregation and Mitosis Progression of Tumor Cells. <i>Molecular Cell</i> , 2014, 53, 75-87.	4.5	194
18	Microsequence analysis of peptides and proteins. <i>Analytical Biochemistry</i> , 1982, 120, 302-311.	1.1	192

#	ARTICLE	IF	CITATIONS
19	Phosphoglycerate Kinase 1 Phosphorylates Beclin1 to Induce Autophagy. <i>Molecular Cell</i> , 2017, 65, 917-931.e6.	4.5	190
20	A Pan-cancer Analysis of the Expression and Clinical Relevance of Small Nucleolar RNAs in Human Cancer. <i>Cell Reports</i> , 2017, 21, 1968-1981.	2.9	186
21	JAK2-binding long noncoding RNA promotes breast cancer brain metastasis. <i>Journal of Clinical Investigation</i> , 2017, 127, 4498-4515.	3.9	177
22	A-to-I RNA Editing Contributes to Proteomic Diversity in Cancer. <i>Cancer Cell</i> , 2018, 33, 817-828.e7.	7.7	172
23	A splicing switch from ketohexokinase-C to ketohexokinase-A drives hepatocellular carcinoma formation. <i>Nature Cell Biology</i> , 2016, 18, 561-571.	4.6	143
24	FAK Phosphorylation by ERK Primes Ras-Induced Tyrosine Dephosphorylation of FAK Mediated by PIN1 and PTP-PEST. <i>Molecular Cell</i> , 2009, 35, 11-25.	4.5	141
25	Beyond COX-1: the effects of aspirin on platelet biology and potential mechanisms of chemoprevention. <i>Cancer and Metastasis Reviews</i> , 2017, 36, 289-303.	2.7	137
26	The Set1 Methyltransferase Opposes Ipl1 Aurora Kinase Functions in Chromosome Segregation. <i>Cell</i> , 2005, 122, 723-734.	13.5	135
27	Molecular characterization of exosome-like vesicles from breast cancer cells. <i>BMC Cancer</i> , 2014, 14, 44.	1.1	132
28	Partial structure of a large canine cholecystokinin (CCK58): Amino acid sequence. <i>Peptides</i> , 1982, 3, 687-691.	1.2	122
29	Proteomic analyses reveal distinct chromatin-associated and soluble transcription factor complexes. <i>Molecular Systems Biology</i> , 2015, 11, 775.	3.2	121
30	Proteomic analysis of nipple aspirate fluid from women with early-stage breast cancer using isotope-coded affinity tags and tandem mass spectrometry reveals differential expression of vitamin D binding protein. <i>BMC Cancer</i> , 2006, 6, 68.	1.1	117
31	PKM2 phosphorylates MLC2 and regulates cytokinesis of tumour cells. <i>Nature Communications</i> , 2014, 5, 5566.	5.8	108
32	Critical role for Epac1 in inflammatory pain controlled by GRK2-mediated phosphorylation of Epac1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 3036-3041.	3.3	104
33	Stimulation of Lung Innate Immunity Protects against Lethal Pneumococcal Pneumonia in Mice. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2008, 177, 1322-1330.	2.5	103
34	Genome-wide identification and differential analysis of translational initiation. <i>Nature Communications</i> , 2017, 8, 1749.	5.8	100
35	Microsequence analysis of peptides and proteins. <i>Analytical Biochemistry</i> , 1985, 147, 315-330.	1.1	99
36	Fatty acid synthase phosphorylation: a novel therapeutic target in HER2-overexpressing breast cancer cells. <i>Breast Cancer Research</i> , 2010, 12, R96.	2.2	97

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37	Measurement of DNA Concentration as a Normalization Strategy for Metabolomic Data from Adherent Cell Lines. <i>Analytical Chemistry</i> , 2013, 85, 9536-9542.	3.2	90
38	Ras-Induced and Extracellular Signal-Regulated Kinase 1 and 2 Phosphorylation-Dependent Isomerization of Protein Tyrosine Phosphatase (PTP)-PEST by PIN1 Promotes FAK Dephosphorylation by PTP-PEST. <i>Molecular and Cellular Biology</i> , 2011, 31, 4258-4269.	1.1	73
39	Naturally Occurring Neomorphic PIK3R1 Mutations Activate the MAPK Pathway, Dictating Therapeutic Response to MAPK Pathway Inhibitors. <i>Cancer Cell</i> , 2014, 26, 479-494.	7.7	73
40	An Artifact in LC-MS/MS Measurement of Glutamine and Glutamic Acid: In-Source Cyclization to Pyroglutamic Acid. <i>Analytical Chemistry</i> , 2014, 86, 5633-5637.	3.2	68
41	PTEN-induced partial epithelial-mesenchymal transition drives diabetic kidney disease. <i>Journal of Clinical Investigation</i> , 2019, 129, 1129-1151.	3.9	68
42	Regulation of the PI3K pathway through a p85 <sup>±</sup> monomer <sup>±</sup> homodimer equilibrium. <i>ELife</i> , 2015, 4, e06866.	2.8	65
43	AKT <sup>±</sup> dependent phosphorylation of Niban regulates nucleophosmin <sup>±</sup> and MDM2 <sup>±</sup> mediated p53 stability and cell apoptosis. <i>EMBO Reports</i> , 2012, 13, 554-560.	2.0	59
44	Expression of Long Noncoding RNA <i>YIYA</i> Promotes Glycolysis in Breast Cancer. <i>Cancer Research</i> , 2018, 78, 4524-4532.	0.4	59
45	Microsequence analysis of peptides and proteins. <i>Analytical Biochemistry</i> , 1982, 120, 312-322.	1.1	54
46	Immunologic Glycosphingolipidomics and NKT Cell Development in Mouse Thymus. <i>Journal of Proteome Research</i> , 2009, 8, 2740-2751.	1.8	51
47	Secreted and O-GlcNAcylated MIF binds to the human EGF receptor and inhibits its activation. <i>Nature Cell Biology</i> , 2015, 17, 1348-1355.	4.6	51
48	The lncRNA H19 alleviates muscular dystrophy by stabilizing dystrophin. <i>Nature Cell Biology</i> , 2020, 22, 1332-1345.	4.6	51
49	A circulating ligand for galectin-3 is a haptoglobin-related glycoprotein elevated in individuals with colon cancer <sup>1</sup> Investigators of the Great Lakes-New England Clinical and Epidemiology Center of the Early Detection Research Network are Dean Brenner, Daniel Normalle, and Kim Turgeon (University of Tj ETQq1 1 0.784314 rgBT /Ov		

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55	LncRNAs-directed PTEN enzymatic switch governs epithelialâ€“mesenchymal transition. <i>Cell Research</i> , 2019, 29, 286-304.	5.7	43
56	A noncoding RNA modulator potentiates phenylalanine metabolism in mice. <i>Science</i> , 2021, 373, 662-673.	6.0	42
57	Unique amino terminal structure of rat little gastrin. <i>Peptides</i> , 1981, 2, 453-458.	1.2	40
58	XPO1/CRM1 Inhibition Causes Antitumor Effects by Mitochondrial Accumulation of eIF5A. <i>Clinical Cancer Research</i> , 2015, 21, 3286-3297.	3.2	37
59	A general approach for characterizing glycosylation sites of glycoproteins. <i>Analytical Biochemistry</i> , 1991, 198, 238-245.	1.1	34
60	SLC45A2: A Melanoma Antigen with High Tumor Selectivity and Reduced Potential for Autoimmune Toxicity. <i>Cancer Immunology Research</i> , 2017, 5, 618-629.	1.6	34
61	Expression and purification of the angiogenesis inhibitor 16-kDa prolactin fragment from insect cells. <i>Protein Expression and Purification</i> , 2003, 28, 252-258.	0.6	32
62	Glioma pathogenesisâ€“related protein 1 induces prostate cancer cell death through Hsc70â€“mediated suppression of AURKA and TPX2. <i>Molecular Oncology</i> , 2013, 7, 484-496.	2.1	32
63	Targeted metabolomic analysis of amino acid response to L-asparaginase in adherent cells. <i>Metabolomics</i> , 2014, 10, 909-919.	1.4	32
64	Argininosuccinate synthetase 1 (ASS1) is a common metabolic marker of chemosensitivity for targeted arginine- and glutamine-starvation therapy. <i>Cancer Letters</i> , 2017, 388, 54-63.	3.2	32
65	Caspase-10-Mediated Heat Shock Protein 90Î² Cleavage Promotes UVB Irradiation-Induced Cell Apoptosis. <i>Molecular and Cellular Biology</i> , 2009, 29, 3657-3664.	1.1	30
66	Cathepsin G is broadly expressed in acute myeloid leukemia and is an effective immunotherapeutic target. <i>Leukemia</i> , 2017, 31, 234-237.	3.3	30
67	Structure of Somatostatin Isolated from Bovine Retina. <i>Journal of Neurochemistry</i> , 1983, 41, 601-606.	2.1	28
68	Bone secreted factors induce cellular quiescence in prostate cancer cells. <i>Scientific Reports</i> , 2019, 9, 18635.	1.6	26
69	Amino terminal fragments of human progastrin from gastrinoma. <i>Biochemical and Biophysical Research Communications</i> , 1984, 123, 404-409.	1.0	25
70	Neoantigen vaccination induces clinical and immunologic responses in non-small cell lung cancer patients harboring EGFR mutations. , 2021, 9, e002531.		24
71	Purification of Somatostatin from Frog Brain: Coisolation with Retinal Somatostatin-Like Immunoreactivity. <i>Journal of Neurochemistry</i> , 1985, 45, 1869-1874.	2.1	21
72	Mistletoe extract Fraxini inhibits the proliferation of liver cancer by down-regulating c-Myc expression. <i>Scientific Reports</i> , 2019, 9, 6428.	1.6	21

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73	Aurora-C Interactions with Survivin and INCENP Reveal Shared and Distinct Features Compared with Aurora-B Chromosome Passenger Protein Complex. <i>PLoS ONE</i> , 2016, 11, e0157305.	1.1	21
74	Identification and Validation of Src and Phospho-Src Family Proteins in Circulating Mononuclear Cells as Novel Biomarkers for Pancreatic Cancer. <i>Translational Oncology</i> , 2011, 4, 83-91.	1.7	20
75	Evaluation of changes in serum protein profiles during neoadjuvant chemotherapy in HER2 <sup>+</sup> positive breast cancer using an LC <sup>-</sup> MALDI <sup>-</sup> TOF/MS procedure. <i>Proteomics</i> , 2010, 10, 3525-3532.	1.3	19
76	Binding partners for curcumin in human schwannoma cells: Biologic Implications. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 932-939.	1.4	19
77	Identification of a long form of cystatin from human saliva by rapid microbore HPLC mapping. <i>Biochemical and Biophysical Research Communications</i> , 1987, 145, 1248-1253.	1.0	18
78	Synthesis of the 2-thiohydantoin of amino acids using woodward's reagent K. <i>Tetrahedron Letters</i> , 1990, 31, 3849-3852.	0.7	18
79	Serum amyloid A as a tumor marker in sera of nude mice with orthotopic human pancreatic cancer and in plasma of patients with pancreatic cancer. <i>International Journal of Oncology</i> , 2005, 27, 1361.	1.4	18
80	The ABRF Proteomics Research Group Studies: Educational exercises for qualitative and quantitative proteomic analyses. <i>Proteomics</i> , 2011, 11, 1371-1381.	1.3	18
81	Chain termination and inhibition of mammalian poly(A) polymerase by modified ATP analogues. <i>Biochemical Pharmacology</i> , 2010, 79, 669-677.	2.0	16
82	Peptide Vaccine Formulation Controls the Duration of Antigen Presentation and Magnitude of Tumor-Specific CD8 <sup>+</sup> T Cell Response. <i>Journal of Immunology</i> , 2018, 200, 3464-3474.	0.4	16
83	Microsequence analysis of peptides and proteins. <i>Analytical Biochemistry</i> , 1982, 126, 318-326.	1.1	15
84	Routine Fast Atom Bombardment Mass Spectral analysis of high molecular weight peptides <sup>18</sup> Atrial gland peptides from <i>Aplysia californica</i> . <i>Biochemical and Biophysical Research Communications</i> , 1985, 132, 520-525.	1.0	15
85	Diagnostic protein discovery using liquid chromatography/mass spectrometry for proteolytic peptide targeting. <i>Rapid Communications in Mass Spectrometry</i> , 2005, 19, 1624-1636.	0.7	15
86	NudC Deacetylation Regulates Mitotic Progression. <i>PLoS ONE</i> , 2013, 8, e73841.	1.1	15
87	Vestigial-like 1 is a shared targetable cancer-placenta antigen expressed by pancreatic and basal-like breast cancers. <i>Nature Communications</i> , 2020, 11, 5332.	5.8	15
88	Identification and primary structural analysis of peptide II, an end-product of precursor processing in cells R3-R14 of <i>Aplysia</i> . <i>Peptides</i> , 1985, 6, 1113-1118.	1.2	13
89	Developing an Understanding of Proteomics: An Introduction to Biological Mass Spectrometry. <i>Cancer Investigation</i> , 2005, 23, 47-59.	0.6	13
90	Phosphopeptide Characterization by Mass Spectrometry using Reversed-Phase Supports for Solid-Phase I <sup>2</sup> -Elimination/Michael Addition. <i>Journal of Biomolecular Techniques</i> , 2012, 23, 51-68.	0.8	13

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91	Hypervirulent group A <i>Streptococcus</i> emergence in an acausal background is associated with marked remodeling of the bacterial cell surface. <i>PLoS ONE</i> , 2018, 13, e0207897.	1.1	13
92	A method for the isolation of blocked N-terminal peptides. <i>Analytical Biochemistry</i> , 2007, 361, 302-304.	1.1	12
93	C-Terminal Protein Characterization by Mass Spectrometry: Isolation of C-Terminal Fragments from Cyanogen Bromide-Cleaved Protein. <i>Journal of Biomolecular Techniques</i> , 2014, 25, 1-18.	0.8	12
94	Pentacyclic steroids. 5. Total synthesis of 4,6.β-ethano-3-methoxy-8.α-estra-1,3,5(10)-trien-17.β-ol and 4,6.α-ethano-3-methoxyestra-1,3,5(10),8,14-pentaen-17-one. <i>Journal of Organic Chemistry</i> , 1979, 44, 683-688.	1.7	11
95	Phosphopeptide Enrichment by Covalent Chromatography after Derivatization of Protein Digests Immobilized on Reversed-Phase Supports. <i>Journal of Biomolecular Techniques</i> , 2013, 24, 154-177.	0.8	11
96	Cloning the Heavy Chain of Human HLA-DR Antigen Using Synthetic Oligodeoxyribonucleotides As Hybridization Probes. <i>DNA and Cell Biology</i> , 1983, 2, 175-182.	5.1	10
97	Lack of iGb3 and Isoglobo-Series Glycosphingolipids in Pig Organs Used for Xenotransplantation: Implications for Natural Killer T-Cell Biology. <i>Journal of Carbohydrate Chemistry</i> , 2013, 32, 44-67.	0.4	10
98	C-Terminal Protein Characterization by Mass Spectrometry using Combined Micro Scale Liquid and Solid-Phase Derivatization. <i>Journal of Biomolecular Techniques</i> , 2013, 24, jbt.13-2401-003.	0.8	10
99	Positional stable isotope tracer analysis reveals carbon routes during ammonia metabolism of <i>Aedes aegypti</i> mosquitoes. <i>FASEB Journal</i> , 2018, 32, 466-477.	0.2	10
100	Characterization of a Human 12/15-Lipoxygenase Promoter Variant Associated with Atherosclerosis Identifies Vimentin as a Promoter Binding Protein. <i>PLoS ONE</i> , 2012, 7, e42417.	1.1	8
101	N-Terminal Protein Characterization by Mass Spectrometry after Cyanogen Bromide Cleavage using Combined Microscale Liquid- and Solid-Phase Derivatization. <i>Journal of Biomolecular Techniques</i> , 2014, 25, 19-30.	0.8	8
102	Functional significance of gain-of-function H19 lncRNA in skeletal muscle differentiation and anti-obesity effects. <i>Genome Medicine</i> , 2021, 13, 137.	3.6	8
103	Optimization of the $\hat{I}^2$ -Elimination/Michael Addition Chemistry on Reversed-Phase Supports for Mass Spectrometry Analysis of O-Linked Protein Modifications. <i>Journal of Biomolecular Techniques</i> , 2013, 24, jbt.13-2403-005.	0.8	7
104	Chemical C-Terminal Sequencing. , 1991, , 35-45.		7
105	Automated C-terminal protein sequence analysis using the hewlett-packard G1009A C-terminal protein sequencing system. <i>Techniques in Protein Chemistry</i> , 1995, , 219-227.	0.3	5
106	Mass Spectrometric Analysis of Glycosphingolipid Antigens. <i>Journal of Visualized Experiments</i> , 2013, , .	0.2	5
107	Mass spectrometry-based stable-isotope tracing uncovers metabolic alterations in pyruvate kinase-deficient <i>Aedes aegypti</i> mosquitoes. <i>Insect Biochemistry and Molecular Biology</i> , 2020, 121, 103366.	1.2	5
108	Red Blood Cell-Encapsulation of L-Asparaginase Favorably Modulates Target Selectivity and Pharmacodynamics. <i>Blood</i> , 2016, 128, 1266-1266.	0.6	2

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109	N-Terminal protein characterization by mass spectrometry using combined microscale liquid and solid-phase derivatization. Journal of Biomolecular Techniques, 2014, 25, 77-86.	0.8	1
110	C-Terminal Protein Sequence Analysis Using the Hewlett-Packard G1009A C-Terminal Protein Sequencing System. , 1995, , 119-129.		1
111	Phosphopeptide Enrichment by Covalent Chromatography After Solid Phase Derivatization of Protein Digests on Reversed Phase Supports. Methods in Molecular Biology, 2016, 1355, 31-50.	0.4	0
112	PML and PMLRAR $\hat{1}\pm$ Interact with Fas to Regulate Fas-Mediated Apoptosis In Vivo. Blood, 2011, 118, 2451-2451.	0.6	0
113	Transcriptional Regulation Of GLI1, Potential New Therapeutic Target For Diffuse Large B-Cell Lymphoma. Blood, 2013, 122, 2513-2513.	0.6	0
114	Preparation of Peptides and Proteins for Sequence Analysis at the Low Nanomole to Subnanomole Level by Reverse-Phase High-Performance Liquid Chromatography: Results for Cytochromes P450 and Fibronectin. , 1982, , 447-454.		0
115	Carboxy Terminal Sequence Determination of Peptides and Proteins. , 1987, , 359-364.		0
116	STUDIES ON C-TERMINAL ANALYSIS. , 1989, , 59-66.		0
117	A Unified Approach to Glycoprotein Primary Structure Analysis. , 1992, , 315-326.		0
118	Abstract 4715: Regulation of the PI3K pathway through a p85 $\hat{1}\pm$ monomer-homodimer equilibrium. , 2015, , .		0
119	Cross-Presentation Is a Source of Tumor Antigens for Multiple Myeloma Immunotherapy. Blood, 2016, 128, 2104-2104.	0.6	0