

# Peter V Hornbeck

## List of Publications by Year in descending order

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42  
papers

6,989  
citations

304743

22  
h-index

315739

38  
g-index

46  
all docs

46  
docs citations

46  
times ranked

12601  
citing authors

#	ARTICLE	IF	CITATIONS
1	Systematic analysis of the intersection of disease mutations with protein modifications. BMC Medical Genomics, 2019, 12, 109.	1.5	16
2	A Curated Resource for Phosphosite-specific Signature Analysis. Molecular and Cellular Proteomics, 2019, 18, 576-593.	3.8	197
3	15 years of PhosphoSitePlus®: integrating post-translationally modified sites, disease variants and isoforms. Nucleic Acids Research, 2019, 47, D433-D441.	14.5	208
4	Crk Tyrosine Phosphorylation Regulates PDGF-BB-induced Src Activation and Breast Tumorigenicity and Metastasis. Molecular Cancer Research, 2018, 16, 173-183.	3.4	21
5	Splice-Aware Multiple Sequence Alignment of Protein Isoforms. , 2018, 2018, 200-210.		5
6	Integration of protein phosphorylation, acetylation, and methylation data sets to outline lung cancer signaling networks. Science Signaling, 2018, 11, .	3.6	40
7	Double-Immunoassay for Detecting Specific Antibodies (Ouchterlony). Current Protocols in Immunology, 2017, 116, 2.3.1-2.3.4.	3.6	9
8	Isotype Determination of Antibodies. Current Protocols in Immunology, 2017, 116, 2.2.1-2.2.7.	3.6	4
9	Clustergrammer, a web-based heatmap visualization and analysis tool for high-dimensional biological data. Scientific Data, 2017, 4, 170151.	5.3	176
10	Iterative tyrosine phosphorylation controls non-canonical domain utilization in Crk. Oncogene, 2015, 34, 4260-4269.	5.9	8
11	PhosphoSitePlus, 2014: mutations, PTMs and recalibrations. Nucleic Acids Research, 2015, 43, D512-D520.	14.5	2,488
12	Reciprocal regulation of Abl kinase by Crk Y251 and Abi1 controls invasive phenotypes in glioblastoma. Oncotarget, 2015, 6, 37792-37807.	1.8	21
13	Signatures of Natural Selection on Mutations of Residues with Multiple Posttranslational Modifications. Molecular Biology and Evolution, 2014, 31, 1641-1645.	8.9	10
14	PhosphoSitePlus: a comprehensive resource for investigating the structure and function of experimentally determined post-translational modifications in man and mouse. Nucleic Acids Research, 2012, 40, D261-D270.	14.5	1,388
15	Using protein modification-based networks to explore cellular signaling and biological function. FASEB Journal, 2012, 26, lb184.	0.5	0
16	Phosphorylation of Crk on tyrosine 251 in the RT loop of the SH3C domain promotes Abl kinase transactivation. Oncogene, 2011, 30, 4645-4655.	5.9	23
17	The BioPAX community standard for pathway data sharing. Nature Biotechnology, 2010, 28, 935-942.	17.5	613
18	Akt/RSK/S6 Kinase Signaling Networks Activated by Oncogenic Receptor Tyrosine Kinases. Science Signaling, 2010, 3, ra64.	3.6	263

#	ARTICLE	IF	CITATIONS
19	Profiling post-translational modifications of proteins that regulate gene expression. <i>Genome Biology</i> , 2010, 11, P19.	9.6	0
20	Mst4 and Ezrin Induce Brush Borders Downstream of the Lkb1/Strad/Mo25 Polarization Complex. <i>Developmental Cell</i> , 2009, 16, 551-562.	7.0	137
21	PhosphoSite: A bioinformatics resource dedicated to physiological protein phosphorylation. <i>Proteomics</i> , 2004, 4, 1551-1561.	2.2	512
22	Phosphoprotein Analysis Using Antibodies Broadly Reactive against Phosphorylated Motifs. <i>Journal of Biological Chemistry</i> , 2002, 277, 39379-39387.	3.4	235
23	Exploratory data analysis groupware for qualitative and quantitative electrophoretic gel analysis over the Internet-WebGel. <i>Electrophoresis</i> , 1999, 20, 3492-3507.	2.4	18
24	CpG DNA rescue of murine B lymphoma cells from anti-IgM-induced growth arrest and programmed cell death is associated with increased expression of c-myc and bcl-xL. <i>Journal of Immunology</i> , 1996, 157, 4918-25.	0.8	113
25	Vimentin expression is differentially regulated by IL-2 and IL-4 in murine T cells. <i>Journal of Immunology</i> , 1993, 151, 4013-21.	0.8	3
26	Isotype Determination of Antibodies. <i>Current Protocols in Immunology</i> , 1992, 1, 2.2.1-2.2.6.	3.6	5
27	Isotype Determination of Antibodies. <i>Current Protocols in Molecular Biology</i> , 1992, 18, Unit11.3.	2.9	0
28	Enzyme-Linked Immunosorbent Assays (ELISA). <i>Current Protocols in Molecular Biology</i> , 1991, 15, Unit11.2.	2.9	28
29	Double-Immunodiffusion Assay for Detecting Specific Antibodies. <i>Current Protocols in Immunology</i> , 1991, 00, Unit 2.3.	3.6	10
30	A major myristylated substrate of protein kinase C and protein kinase C itself are differentially regulated during murine B- and T-lymphocyte development and activation.. <i>Molecular and Cellular Biology</i> , 1989, 9, 3727-3735.	2.3	24
31	Lamin B is rapidly phosphorylated in lymphocytes after activation of protein kinase C.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1988, 85, 2279-2283.	7.1	92
32	Interleukin 4 induces membrane Thy-1 expression on normal murine B cells.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1988, 85, 6107-6111.	7.1	34
33	Regulation of B-Lymphocyte Activation, Proliferation, and Differentiation. <i>Annals of the New York Academy of Sciences</i> , 1987, 505, 82-89.	3.8	17
34	B Lymphocyte Activation the Roles of Receptor Cross-Linkage and BSF-1. <i>Advances in Experimental Medicine and Biology</i> , 1987, 213, 207-214.	1.6	0
35	Regulation of B-lymphocyte activation, proliferation, and immunoglobulin secretion. <i>Cellular Immunology</i> , 1986, 99, 7-13.	3.0	31
36	Anti-immunoglobulin and phorbol ester induce phosphorylation of proteins associated with the plasma membrane and cytoskeleton in murine B lymphocytes. <i>Journal of Biological Chemistry</i> , 1986, 261, 14817-24.	3.4	53

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37	Idiotype connectance in the immune system. II. A heavy chain variable region idiotope that dominates the antibody response to the p-azobenzearsonate group is a minor idiotope in the response to trinitrophenyl group.. Journal of Experimental Medicine, 1985, 161, 53-71.	8.5	31
38	Local effects of amino acid substitutions on the active site region of lysozyme: a comparison of physical and immunological results. Biochemistry, 1984, 23, 998-1002.	2.5	19
39	Idiotype connectance in the immune system. I. Expression of a cross-reactive idiotype on induced anti-p-azophenylarsonate antibodies and on endogenous antibodies not specific for arsonate.. Journal of Experimental Medicine, 1983, 157, 1116-1136.	8.5	43
40	Strange connections in the unspecific parallel set. Survey of Immunologic Research, 1982, 1, 262-267.	0.4	0
41	Antigen-specific molecules from murine T lymphocytes and T cell hybridomas. Molecular Immunology, 1980, 17, 933-945.	2.2	23
42	Morphology of the Lower Fourth Premolar of Certain Cercopithecidae. Journal of Dental Research, 1967, 46, 979-983.	5.2	5