

# 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	PhosphoSitePlus, 2014: mutations, PTMs and recalibrations. <i>Nucleic Acids Research</i> , 2015, 43, D512-D520.	14.5	2,488
2	PhosphoSitePlus: a comprehensive resource for investigating the structure and function of experimentally determined post-translational modifications in man and mouse. <i>Nucleic Acids Research</i> , 2012, 40, D261-D270.	14.5	1,388
3	The BioPAX community standard for pathway data sharing. <i>Nature Biotechnology</i> , 2010, 28, 935-942.	17.5	613
4	PhosphoSite: A bioinformatics resource dedicated to physiological protein phosphorylation. <i>Proteomics</i> , 2004, 4, 1551-1561.	2.2	512
5	Akt and RSK S6 Kinase Signaling Networks Activated by Oncogenic Receptor Tyrosine Kinases. <i>Science Signaling</i> , 2010, 3, ra64.	3.6	263
6	Phosphoprotein Analysis Using Antibodies Broadly Reactive against Phosphorylated Motifs. <i>Journal of Biological Chemistry</i> , 2002, 277, 39379-39387.	3.4	235
7	15 years of PhosphoSitePlus®: integrating post-translationally modified sites, disease variants and isoforms. <i>Nucleic Acids Research</i> , 2019, 47, D433-D441.	14.5	208
8	A Curated Resource for Phosphosite-specific Signature Analysis. <i>Molecular and Cellular Proteomics</i> , 2019, 18, 576-593.	3.8	197
9	Clustergrammer, a web-based heatmap visualization and analysis tool for high-dimensional biological data. <i>Scientific Data</i> , 2017, 4, 170151.	5.3	176
10	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
11	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
12	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
13	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
14	Idiotypic 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. <i>Journal of Experimental Medicine</i> , 1983, 157, 1116-1136.	8.5	43
15	Integration of protein phosphorylation, acetylation, and methylation data sets to outline lung cancer signaling networks. <i>Science Signaling</i> , 2018, 11, .	3.6	40
16	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
17	Idiotypic 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. <i>Journal of Experimental Medicine</i> , 1985, 161, 53-71.	8.5	31
18	Regulation of B-lymphocyte activation, proliferation, and immunoglobulin secretion. <i>Cellular Immunology</i> , 1986, 99, 7-13.	3.0	31

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19	Enzyme-Linked Immunosorbent Assays ( ELISA ). Current Protocols in Molecular Biology, 1991, 15, Unit11.2.	2.9	28
20	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.. Molecular and Cellular Biology, 1989, 9, 3727-3735.	2.3	24
21	Antigen-specific molecules from murine T lymphocytes and T cell hybridomas. Molecular Immunology, 1980, 17, 933-945.	2.2	23
22	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
23	Crk Tyrosine Phosphorylation Regulates PDGF-BB-induced Src Activation and Breast Tumorigenicity and Metastasis. Molecular Cancer Research, 2018, 16, 173-183.	3.4	21
24	Reciprocal regulation of Abl kinase by Crk Y251 and Abi1 controls invasive phenotypes in glioblastoma. Oncotarget, 2015, 6, 37792-37807.	1.8	21
25	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
26	Exploratory data analysis groupware for qualitative and quantitative electrophoretic gel analysis over the Internet-WebGel. Electrophoresis, 1999, 20, 3492-3507.	2.4	18
27	Regulation of B-Lymphocyte Activation, Proliferation, and Differentiation. Annals of the New York Academy of Sciences, 1987, 505, 82-89.	3.8	17
28	Systematic analysis of the intersection of disease mutations with protein modifications. BMC Medical Genomics, 2019, 12, 109.	1.5	16
29	Double-Immunodiffusion Assay for Detecting Specific Antibodies. Current Protocols in Immunology, 1991, 00, Unit 2.3.	3.6	10
30	Signatures of Natural Selection on Mutations of Residues with Multiple Posttranslational Modifications. Molecular Biology and Evolution, 2014, 31, 1641-1645.	8.9	10
31	Double-Immunodiffusion Assay for Detecting Specific Antibodies (Ouchterlony). Current Protocols in Immunology, 2017, 116, 2.3.1-2.3.4.	3.6	9
32	Iterative tyrosine phosphorylation controls non-canonical domain utilization in Crk. Oncogene, 2015, 34, 4260-4269.	5.9	8
33	Morphology of the Lower Fourth Premolar of Certain Cercopithecidae. Journal of Dental Research, 1967, 46, 979-983.	5.2	5
34	Isotype Determination of Antibodies. Current Protocols in Immunology, 1992, 1, 2.2.1-2.2.6.	3.6	5
35	Splice-Aware Multiple Sequence Alignment of Protein Isoforms. , 2018, 2018, 200-210.		5
36	Isotype Determination of Antibodies. Current Protocols in Immunology, 2017, 116, 2.2.1-2.2.7.	3.6	4

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37	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
38	Isotype Determination of Antibodies. <i>Current Protocols in Molecular Biology</i> , 1992, 18, Unit11.3.	2.9	0
39	Profiling post-translational modifications of proteins that regulate gene expression. <i>Genome Biology</i> , 2010, 11, P19.	9.6	0
40	Using protein modification-based networks to explore cellular signaling and biological function. <i>FASEB Journal</i> , 2012, 26, 1b184.	0.5	0
41	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
42	Strange connections in the unspecific parallel set. <i>Survey of Immunologic Research</i> , 1982, 1, 262-267.	0.4	0