Peter Van Der Geer

List of Publications by Year
in descending order

32 papers	6,741 citations	331670 21 h-index	414414 32 g-index
33 all docs	33 docs citations	33 times ranked	5736 citing authors

#	Article	IF	Citations
1	Integrin-mediated signal transduction linked to Ras pathway by GRB2 binding to focal adhesion kinase. Nature, 1994, 372, 786-791.	27.8	1,528
2	[11] Phosphopeptide mapping and phosphoamino acid analysis by two-dimensional separation on thin-layer cellulose plates. Methods in Enzymology, 1991, 201, 110-149.	1.0	1,485
3	Receptor Protein-Tyrosine Kinases and Their Signal Transduction Pathways. Annual Review of Cell Biology, 1994, 10, 251-337.	26.1	1,194
4	Transactivation by NF-IL6/LAP is enhanced by phosphorylation of its activation domain. Nature, 1993, 364, 544-547.	27.8	343
5	MitoNEET is an iron-containing outer mitochondrial membrane protein that regulates oxidative capacity. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 5318-5323.	7.1	251
6	The PTB domain: a new protein module implicated in signal transduction. Trends in Biochemical Sciences, 1995, 20, 277-280.	7.5	228
7	The Shc adaptor protein is highly phosphorylated at conserved, twin tyrosine residues (Y239/240) that mediate proteinâ€“protein interactions. Current Biology, 1996, 6, 1435-1444.	3.9	207
8	A conserved amino-terminal Shc domain binds to phosphotyrosine motifs in activated receptors and phosphopeptides. Current Biology, 1995, 5, 404-412.	3.9	173
9	Phosphorylation of Rat Serine 105 or Mouse Threonine 217 in C/EBPÎ² Is Required for Hepatocyte Proliferation Induced by TGFÎ±. Molecular Cell, 1999, 4, 1087-1092.	9.7	170
10	RasGAP-Associated Endoribonuclease G3BP: Selective RNA Degradation and Phosphorylation-Dependent Localization. Molecular and Cellular Biology, 2001, 21, 7747-7760.	2.3	167
11	The Outer Mitochondrial Membrane Protein mitoNEET Contains a Novel Redox-active 2Fe-2S Cluster*. Journal of Biological Chemistry, 2007, 282, 23745-23749.	3.4	145
12	Phosphopeptide mapping and phosphoamino acid analysis by electrophoresis and chromatography on thin-layer cellulose plates. Electrophoresis, 1994, 15, 544-554.	2.4	136
13	Tyrosine-phosphorylated Low Density Lipoprotein Receptor-related Protein 1 (LRP1) Associates with the Adaptor Protein SHC in SRC-transformed Cells. Journal of Biological Chemistry, 2001, 276, 19119-19125.	3.4	108
14	Wolfram Syndrome protein, Miner1, regulates sulphydryl redox status, the unfolded protein response, and Ca ²⁺ homeostasis. EMBO Molecular Medicine, 2013, 5, 904-918.	6.9	101
15	C-Cbl binds the CSF-1 receptor at tyrosine 973, a novel phosphorylation site in the receptor's carboxy-terminus. Oncogene, 2002, 21, 1079-1089.	5.9	73
16	The Receptor-like Protein-tyrosine Phosphatase, RPTPÎ±, Is Phosphorylated by Protein Kinase C on Two Serines Close to the Inner Face of the Plasma Membrane. Journal of Biological Chemistry, 1995, 270, 10587-10594.	3.4	70
17	Interactions of the NPXY microdomains of the low density lipoprotein receptorâ€related protein 1. Proteomics, 2009, 9, 5016-5028.	2.2	59
18	v-Src induces Shc binding to tyrosine 63 in the cytoplasmic domain of the LDL receptor-related protein 1. Oncogene, 2003, 22, 3589-3597.	5.9	57

#	Article	IF	Citations
19	Phosphorylation of LRP1 Regulation of Transport and Signal Transduction. Trends in Cardiovascular Medicine, 2002, 12, 160-165.	4.9	56
20	Multiple Regions of Internalin B Contribute to Its Ability to Turn on the Ras-Mitogen-activated Protein Kinase Pathway. Journal of Biological Chemistry, 2003, 278, 7783-7789.	3.4	43
21	Structural and Functional Consequences of Tyrosine Phosphorylation in the LRP1 Cytoplasmic Domain. Journal of Biological Chemistry, 2008, 283, 15656-15664.	3.4	37
22	The Shc adaptor protein forms interdependent phosphotyrosine-mediated protein complexes in mast cells stimulated with interleukin 3. Blood, 2000, 96, 132-138.	1.4	20
23	Characterization of the Phosphotyrosine-binding Domain of the Drosophila Shc Protein. Journal of Biological Chemistry, 1996, 271, 31855-31862.	3.4	16
24	Identification and mutagenesis of the TACE and Î³-secretase cleavage sites in the colony-stimulating factor 1 receptor. Biochemical and Biophysical Research Communications, 2014, 450, 782-787.	2.1	15
25	Re-engineering the target specificity of the insulin receptor by modification of a PTB domain binding site. Oncogene, 1999, 18, 3071-3075.	5.9	13
26	Identification of STS-1 as a novel ShcA-binding protein. Biochemical and Biophysical Research Communications, 2017, 490, 1334-1339.	2.1	11
27	Engineering NGF receptors to bind Grb2 directly uncovers differences in signaling ability between Grb2â€•and ShcAâ€‰binding sites. FEBS Letters, 2012, 586, 3658-3664.	2.8	9
28	Analysis of Proteinâ€“Protein Interactions by Coimmunoprecipitation. Methods in Enzymology, 2014, 541, 35-47.	1.0	9
29	Phosphopeptide Mapping and Identification of Phosphorylation Sites. Current Protocols in Protein Science, 1999, 18, Unit13.9.	2.8	7
30	Purification and Identification of Protein-Tyrosine Kinase-binding Proteins Using Synthetic Phosphopeptides as Affinity Reagents. Molecular and Cellular Proteomics, 2004, 3, 887-895.	3.8	5
31	Phosphopeptide Mapping and Identification of Phosphorylation Sites. Current Protocols in Molecular Biology, 1999, 48, Unit 18.9.	2.9	4
32	The Shc adaptor protein forms interdependent phosphotyrosine-mediated protein complexes in mast cells stimulated with interleukin 3. Blood, 2000, 96, 132-138.	1.4	1