

# Carina Hellberg

## List of Publications by Year in descending order

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26  
papers

1,578  
citations

430874

18  
h-index

610901

24  
g-index

26  
all docs

26  
docs citations

26  
times ranked

2677  
citing authors

#	ARTICLE	IF	CITATIONS
1	Protein-tyrosine phosphatases and cancer. <i>Nature Reviews Cancer</i> , 2006, 6, 307-320.	28.4	570
2	PDGF and Vessel Maturation. <i>Recent Results in Cancer Research</i> , 2010, 180, 103-114.	1.8	214
3	Selective activation of oxidized PTP1B by the thioredoxin system modulates PDGF- $\beta$ receptor tyrosine kinase signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 13398-13403.	7.1	89
4	Site-Selective Regulation of Platelet-Derived Growth Factor $\beta$ Receptor Tyrosine Phosphorylation by T-Cell Protein Tyrosine Phosphatase. <i>Molecular and Cellular Biology</i> , 2004, 24, 2190-2201.	2.3	87
5	Ca <sup>2+</sup> signalling mechanisms of the $\beta$ 2 integrin on neutrophils: involvement of phospholipase C $\beta$ 2 and Ins(1,4,5)P <sub>3</sub> . <i>Biochemical Journal</i> , 1996, 317, 403-409.	3.7	79
6	Identification of a subset of pericytes that respond to combination therapy targeting PDGF and VEGF signaling. <i>International Journal of Cancer</i> , 2007, 121, 2606-2614.	5.1	63
7	LAR protein tyrosine phosphatase regulates focal adhesions via CDK1. <i>Journal of Cell Science</i> , 2016, 129, 2962-71.	2.0	52
8	Loss of T-Cell Protein Tyrosine Phosphatase Induces Recycling of the Platelet-derived Growth Factor (PDGF) $\beta$ -Receptor but Not the PDGF $\alpha$ -Receptor. <i>Molecular Biology of the Cell</i> , 2006, 17, 4846-4855.	2.1	48
9	Activation of Protein Kinase C $\delta$ Is Necessary for Sorting the PDGF $\beta$ -Receptor to Rab4a-dependent Recycling. <i>Molecular Biology of the Cell</i> , 2009, 20, 2856-2863.	2.1	48
10	Dynamic changes in the expression of DEP-1 and other PDGF receptor-antagonizing PTPs during onset and termination of neointima formation. <i>FASEB Journal</i> , 2007, 21, 523-534.	0.5	43
11	Multiple routes of endocytic internalization of PDGFR $\beta$ contribute to PDGF-induced STAT3 signaling. <i>Journal of Cell Science</i> , 2017, 130, 577-589.	2.0	39
12	Combined Anti-Angiogenic Therapy Targeting PDGF and VEGF Receptors Lowers the Interstitial Fluid Pressure in a Murine Experimental Carcinoma. <i>PLoS ONE</i> , 2009, 4, e8149.	2.5	38
13	Dynamin Inhibitors Impair Endocytosis and Mitogenic Signaling of PDGF. <i>Traffic</i> , 2013, 14, 725-736.	2.7	36
14	Critical Role of the Platelet-derived Growth Factor Receptor (PDGFR) $\beta$ Transmembrane Domain in the TEL-PDGFR $\beta$ Cytosolic Oncoprotein. <i>Journal of Biological Chemistry</i> , 2010, 285, 12268-12278.	3.4	30
15	Clustering of $\beta$ 2-Integrins on Human Neutrophils Activates Dual Signaling Pathways to PtdIns 3-Kinase. <i>Experimental Cell Research</i> , 2000, 256, 257-263.	2.6	26
16	The Ca <sup>2+</sup> Signaling Capacity of the $\beta$ 2-Integrin on HL60-Granulocytic Cells Is Abrogated Following Phosphorylation of Its CD18-Chain: Relation to Impaired Protein Tyrosine Phosphorylation. <i>Experimental Cell Research</i> , 1995, 217, 140-148.	2.6	23
17	A Gain of Function Mutation in the Activation Loop of Platelet-derived Growth Factor $\beta$ -Receptor Deregulates Its Kinase Activity. <i>Journal of Biological Chemistry</i> , 2004, 279, 42516-42527.	3.4	23
18	Inhibitors of Farnesyl and Geranylgeranyl Methyltransferases Prevent $\beta$ 2Integrin-Induced Actin Polymerization without Affecting $\beta$ 2Integrin-Induced Ca <sup>2+</sup> Signaling in Neutrophils. <i>Biochemical and Biophysical Research Communications</i> , 1996, 223, 612-617.	2.1	18

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19	The LAR protein tyrosine phosphatase enables PDGF $\hat{1}^2$ -receptor activation through attenuation of the c-Abl kinase activity. <i>Cellular Signalling</i> , 2011, 23, 1050-1056.	3.6	13
20	Regulation of Platelet Derived Growth Factor Signaling by Leukocyte Common Antigen-related (LAR) Protein Tyrosine Phosphatase: A Quantitative Phosphoproteomics Study. <i>Molecular and Cellular Proteomics</i> , 2016, 15, 1823-1836.	3.8	10
21	Imatinib increases oxygen delivery in extracellular matrix-rich but not in matrix-poor experimental carcinoma. <i>Journal of Translational Medicine</i> , 2017, 15, 47.	4.4	10
22	Chemotactic Factor Receptor Activation Transiently Impairs the Ca <sup>2+</sup> Signaling Capacity of $\hat{1}^2$ Integrins on Human Neutrophils. <i>Experimental Cell Research</i> , 1994, 215, 90-96.	2.6	8
23	Combination therapy using imatinib and vatalanib improves the therapeutic efficiency of paclitaxel towards a mouse melanoma tumor. <i>Melanoma Research</i> , 2011, 21, 57-65.	1.2	8
24	Disruption of $\hat{1}^2$ -Integrinâ€Cytoskeleton Coupling Abolishes the Signaling Capacity of These Integrins on Granulocytes. <i>Biochemical and Biophysical Research Communications</i> , 1999, 265, 164-169.	2.1	3
25	Labeling of Platelet-Derived Growth Factor by Reversible Biotinylation to Visualize Its Endocytosis by Microscopy. <i>Methods in Enzymology</i> , 2014, 535, 167-177.	1.0	0
26	Role of PDGF PDGF in Tumor-Stroma Interactions. , 2011, , 257-265.		0