

Stefano Confalonieri

List of Publications by Year in descending order

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67
papers

6,310
citations

66343

42
h-index

110387

64
g-index

69
all docs

69
docs citations

69
times ranked

10831
citing authors

#	ARTICLE	IF	CITATIONS
1	Biological and Molecular Heterogeneity of Breast Cancers Correlates with Their Cancer Stem Cell Content. <i>Cell</i> , 2010, 140, 62-73.	28.9	847
2	Tip60 is a haplo-insufficient tumour suppressor required for an oncogene-induced DNA damage response. <i>Nature</i> , 2007, 448, 1063-1067.	27.8	296
3	Binding specificity and in vivo targets of the EH domain, a novel proteinâ€“protein interactionâ€“module. <i>Genes and Development</i> , 1997, 11, 2239-2249.	5.9	293
4	Endocytosis and Signaling: Cell Logistics Shape the Eukaryotic Cell Plan. <i>Physiological Reviews</i> , 2012, 92, 273-366.	28.8	278
5	Regulation of actin dynamics by WASP and WAVE family proteins. <i>Trends in Cell Biology</i> , 2004, 14, 303-311.	7.9	265
6	Crystal Structure of the Ubiquitin Binding Domains of Rabex-5 Reveals Two Modes of Interaction with Ubiquitin. <i>Cell</i> , 2006, 124, 1183-1195.	28.9	259
7	IRSp53: crossing the road of membrane and actin dynamics in the formation of membrane protrusions. <i>Trends in Cell Biology</i> , 2008, 18, 52-60.	7.9	233
8	Tyrosine phosphatase SHP2 promotes breast cancer progression and maintains tumor-initiating cells via activation of key transcription factors and a positive feedback signaling loop. <i>Nature Medicine</i> , 2012, 18, 529-537.	30.7	224
9	Evolution of Shc functions from nematode to human. <i>Current Opinion in Genetics and Development</i> , 2000, 10, 668-674.	3.3	205
10	Eps8 controls actin-based motility by capping the barbed ends of actin filaments. <i>Nature Cell Biology</i> , 2004, 6, 1180-1188.	10.3	197
11	Molecular mechanisms of coupled monoubiquitination. <i>Nature Cell Biology</i> , 2006, 8, 1246-1254.	10.3	173
12	Frequent Alterations in the Expression of Serine/Threonine Kinases in Human Cancers. <i>Cancer Research</i> , 2006, 66, 8147-8154.	0.9	168
13	Tyrosine Phosphorylation of Eps15 Is Required for Ligand-Regulated, but Not Constitutive, Endocytosis. <i>Journal of Cell Biology</i> , 2000, 150, 905-912.	5.2	128
14	Determinants of conformational dimerization of Mad2 and its inhibition by p31comet. <i>EMBO Journal</i> , 2006, 25, 1273-1284.	7.8	124
15	Reticulon 3â€“dependent ER-PM contact sites control EGFR nonclathrin endocytosis. <i>Science</i> , 2017, 356, 617-624.	12.6	118
16	Breast cancer metastases are molecularly distinct from their primary tumors. <i>Oncogene</i> , 2008, 27, 2148-2158.	5.9	116
17	A RAB5/RAB4 recycling circuitry induces a proteolytic invasive program and promotes tumor dissemination. <i>Journal of Cell Biology</i> , 2014, 206, 307-328.	5.2	114
18	NUMB-ing down cancer by more than just a NOTCH. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2011, 1815, 26-43.	7.4	108

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19	Recognition specificity of individual EH domains of mammals and yeast. <i>EMBO Journal</i> , 1998, 17, 6541-6550.	7.8	106
20	Eps15 Is Recruited to the Plasma Membrane upon Epidermal Growth Factor Receptor Activation and Localizes to Components of the Endocytic Pathway during Receptor Internalization. <i>Molecular Biology of the Cell</i> , 1999, 10, 417-434.	2.1	103
21	8p11 myeloproliferative syndrome with a novel t(7;8) translocation leading to fusion of the <i>FGFR1</i> and <i>TIF1</i> genes. <i>Genes Chromosomes and Cancer</i> , 2005, 42, 320-325.	2.8	99
22	Alterations of ubiquitin ligases in human cancer and their association with the natural history of the tumor. <i>Oncogene</i> , 2009, 28, 2959-2968.	5.9	96
23	CD73 Regulates Stemness and Epithelial-Mesenchymal Transition in Ovarian Cancer-Initiating Cells. <i>Stem Cell Reports</i> , 2018, 10, 1412-1425.	4.8	94
24	TTP Specifically Regulates the Internalization of the Transferrin Receptor. <i>Cell</i> , 2005, 123, 875-888.	28.9	93
25	Molecular Basis for the Dual Function of Eps8 on Actin Dynamics: Bundling and Capping. <i>PLoS Biology</i> , 2010, 8, e1000387.	5.6	91
26	The Eps15 homology (EH) domain. <i>FEBS Letters</i> , 2002, 513, 24-29.	2.8	88
27	An Atlas of Altered Expression of Deubiquitinating Enzymes in Human Cancer. <i>PLoS ONE</i> , 2011, 6, e15891.	2.5	88
28	EH and UIM: Endocytosis and More. <i>Science Signaling</i> , 2003, 2003, re17-re17.	3.6	86
29	Phosphoproteomics of Primary Cells Reveals Druggable Kinase Signatures in Ovarian Cancer. <i>Cell Reports</i> , 2017, 18, 3242-3256.	6.4	81
30	Spatial control of Cdc42 signalling by a GM130-RasGRF complex regulates polarity and tumorigenesis. <i>Nature Communications</i> , 2014, 5, 4839.	12.8	79
31	Gene expression analysis of early and advanced gastric cancers. <i>Oncogene</i> , 2007, 26, 4284-4294.	5.9	75
32	Eps15R Is a Tyrosine Kinase Substrate with Characteristics of a Docking Protein Possibly Involved in Coated Pits-mediated Internalization. <i>Journal of Biological Chemistry</i> , 1998, 273, 3003-3012.	3.4	74
33	RAB2A controls MT1-MMP endocytic and E-cadherin polarized Golgi trafficking to promote invasive breast cancer programs. <i>EMBO Reports</i> , 2016, 17, 1061-1080.	4.5	72
34	Modelling TFE renal cell carcinoma in mice reveals a critical role of WNT signaling. <i>ELife</i> , 2016, 5, .	6.0	71
35	UIM1, a Novel RNF168 Ubiquitin Binding Domain Involved in the DNA Damage Signaling Pathway. <i>Molecular and Cellular Biology</i> , 2011, 31, 118-126.	2.3	59
36	Requirements for F-BAR Proteins TOCA-1 and TOCA-2 in Actin Dynamics and Membrane Trafficking during <i>Caenorhabditis elegans</i> Oocyte Growth and Embryonic Epidermal Morphogenesis. <i>PLoS Genetics</i> , 2009, 5, e1000675.	3.5	58

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37	Molecularly Distinct Clathrin-Coated Pits Differentially Impact EGFR Fate and Signaling. <i>Cell Reports</i> , 2019, 27, 3049-3061.e6.	6.4	58
38	Eps15 Is Constitutively Oligomerized Due to Homophilic Interaction of Its Coiled-coil Region. <i>Journal of Biological Chemistry</i> , 1997, 272, 15413-15418.	3.4	57
39	The alternative splicing factor Nova2 regulates vascular development and lumen formation. <i>Nature Communications</i> , 2015, 6, 8479.	12.8	50
40	Abrogation of Junctional Adhesion Molecule-A Expression Induces Cell Apoptosis and Reduces Breast Cancer Progression. <i>PLoS ONE</i> , 2011, 6, e21242.	2.5	49
41	The Primate-specific Protein TBC1D3 Is Required for Optimal Macropinocytosis in a Novel ARF6-dependent Pathway. <i>Molecular Biology of the Cell</i> , 2008, 19, 1304-1316.	2.1	47
42	Endothelial deficiency of L1 reduces tumor angiogenesis and promotes vessel normalization. <i>Journal of Clinical Investigation</i> , 2014, 124, 4335-4350.	8.2	46
43	The CDC42-Interacting Protein 4 Controls Epithelial Cell Cohesion and Tumor Dissemination. <i>Developmental Cell</i> , 2014, 30, 553-568.	7.0	40
44	In silico analysis of the EPS8 gene family: genomic organization, expression profile, and protein structure. <i>Genomics</i> , 2003, 81, 234-244.	2.9	38
45	Identification and clinical validation of a multigene assay that interrogates the biology of cancer stem cells and predicts metastasis in breast cancer: A retrospective consecutive study. <i>EBioMedicine</i> , 2019, 42, 352-362.	6.1	35
46	A Numb-Mdm2 fuzzy complex reveals an isoform-specific involvement of Numb in breast cancer. <i>Journal of Cell Biology</i> , 2018, 217, 745-762.	5.2	33
47	The scaffold protein p140Cap limits ERBB2-mediated breast cancer progression interfering with Rac GTPase-controlled circuitries. <i>Nature Communications</i> , 2017, 8, 14797.	12.8	26
48	The pseudophosphatase STYX targets the F-box of FBXW7 and inhibits SCF^{FBXW7} function. <i>EMBO Journal</i> , 2017, 36, 260-273.	7.8	26
49	A NUMB-EFA6-ARF6 recycling route controls apically restricted cell protrusions and mesenchymal motility. <i>Journal of Cell Biology</i> , 2018, 217, 3161-3182.	5.2	18
50	A self-sustaining endocytic-based loop promotes breast cancer plasticity leading to aggressiveness and pro-metastatic behavior. <i>Nature Communications</i> , 2020, 11, 3020.	12.8	17
51	A new complex rearrangement involving the ETV6, LOC115548, and MN1 genes in a case of acute myeloid leukemia. <i>Genes Chromosomes and Cancer</i> , 2004, 41, 272-277.	2.8	16
52	Maspin expression and melanoma progression: a matter of sub-cellular localization. <i>Modern Pathology</i> , 2014, 27, 412-419.	5.5	16
53	Zebrafish Numb and Numlike Are Involved in Primitive Erythrocyte Differentiation. <i>PLoS ONE</i> , 2010, 5, e14296.	2.5	16
54	A cancer-specific transcriptional signature in human neoplasia. <i>Journal of Clinical Investigation</i> , 2005, 115, 3015-3025.	8.2	14

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55	DG-CST (Disease Gene Conserved Sequence Tags), a database of human-mouse conserved elements associated to disease genes. <i>Nucleic Acids Research</i> , 2004, 33, D505-D510.	14.5	11
56	Redundant and nonredundant organismal functions of EPS15 and EPS15L1. <i>Life Science Alliance</i> , 2019, 2, e201800273.	2.8	10
57	Mining cancer gene expression databases for latent information on intronic microRNAs. <i>Molecular Oncology</i> , 2015, 9, 473-487.	4.6	6
58	ShcD Binds DOCK4, Promotes Ameboid Motility and Metastasis Dissemination, Predicting Poor Prognosis in Melanoma. <i>Cancers</i> , 2020, 12, 3366.	3.7	6
59	A Snapshot of the Physical and Functional Wiring of the Eps15 Homology Domain Network in the Nematode. <i>PLoS ONE</i> , 2013, 8, e56383.	2.5	5
60	Increasing both the public health potential of basic research and the scientist satisfaction. An international survey of bio-scientists. <i>F1000Research</i> , 2016, 5, 56.	1.6	4
61	Exon 3 of the NUMB Gene Emerged in the Chordate Lineage Coopting the NUMB Protein to the Regulation of MDM2. <i>G3: Genes, Genomes, Genetics</i> , 2019, 9, 3359-3367.	1.8	2
62	Endothelial deficiency of L1 reduces tumor angiogenesis and promotes vessel normalization. <i>Journal of Clinical Investigation</i> , 2014, 124, 5085-5085.	8.2	1
63	Abstract 5556: Evaluation of maspin expression in primary tumors and metastasis of melanoma patients: Evidences for prognostic significance. , 2012, , .		1
64	ecancermedalscience. <i>Ecancermedalscience</i> , 2010, 4, 183.	1.1	0
65	EH, a Novel Protein. , 1998, , 117-125.		0
66	Abstract 233: Mining cancer gene expression databases for latent information on intronic microRNAs. , 2015, , .		0
67	Abstract 1414: Molecular and functional characterization of ovarian cancer stem cells. , 2015, , .		0