

# Pier Paolo Di Fiore

## List of Publications by Year in descending order

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Version: 2024-02-01

240  
papers

29,292  
citations

3264

94  
h-index

6024

165  
g-index

250  
all docs

250  
docs citations

250  
times ranked

31464  
citing authors

#	ARTICLE	IF	CITATIONS
1	Phosphoinositide Conversion Inactivates RAS and Drives Metastases in Breast Cancer. <i>Advanced Science</i> , 2022, 9, e2103249.	5.6	8
2	Comparison of StemPrintER with Oncotype DX Recurrence Score for predicting risk of breast cancer distant recurrence after endocrine therapy. <i>European Journal of Cancer</i> , 2022, 164, 52-61.	1.3	0
3	PillarX: A Microfluidic Device to Profile Circulating Tumor Cell Clusters Based on Geometry, Deformability, and Epithelial State. <i>Small</i> , 2022, 18, e2106097.	5.2	17
4	CDK12 promotes tumorigenesis but induces vulnerability to therapies inhibiting folate one-carbon metabolism in breast cancer. <i>Nature Communications</i> , 2022, 13, 2642.	5.8	15
5	microRNAs transcriptional profiling of mammary stem cells isolated by PKH26 staining and FACS sorting. <i>Methods in Cell Biology</i> , 2022, , 59-79.	0.5	0
6	miR-146 connects stem cell identity with metabolism and pharmacological resistance in breast cancer. <i>Journal of Cell Biology</i> , 2021, 220, .	2.3	8
7	Gut vascular barrier impairment leads to intestinal bacteria dissemination and colorectal cancer metastasis to liver. <i>Cancer Cell</i> , 2021, 39, 708-724.e11.	7.7	175
8	Endocytosis in the context-dependent regulation of individual and collective cell properties. <i>Nature Reviews Molecular Cell Biology</i> , 2021, 22, 625-643.	16.1	59
9	A self-sustaining endocytic-based loop promotes breast cancer plasticity leading to aggressiveness and pro-metastatic behavior. <i>Nature Communications</i> , 2020, 11, 3020.	5.8	17
10	A substrate-specific mTORC1 pathway underlies Birt-Hogg-Dub syndrome. <i>Nature</i> , 2020, 585, 597-602.	13.7	177
11	Comparison of StemPrintER, a novel biology-based genomic predictor of distant recurrence in breast cancer, with Oncotype DX in the TransATAC cohort.. <i>Journal of Clinical Oncology</i> , 2020, 38, 1020-1020.	0.8	0
12	Integration of the stem cell biology-based genomic tool, StemPrintER, with clinicopathological parameters for the prediction of distant recurrence in ER+/HER2- breast cancer (BC) patients.. <i>Journal of Clinical Oncology</i> , 2020, 38, 1057-1057.	0.8	0
13	Unraveling the role of low-frequency mutated genes in breast cancer. <i>Bioinformatics</i> , 2019, 35, 36-46.	1.8	13
14	Unjamming overcomes kinetic and proliferation arrest in terminally differentiated cells and promotes collective motility of carcinoma. <i>Nature Materials</i> , 2019, 18, 1252-1263.	13.3	117
15	Radioablation +/and~ hormonotherapy for prostate cancer oligorecurrences (Radiosa trial): potential of imaging and biology (AIRC IG-22159). <i>BMC Cancer</i> , 2019, 19, 903.	1.1	9
16	Molecularly Distinct Clathrin-Coated Pits Differentially Impact EGFR Fate and Signaling. <i>Cell Reports</i> , 2019, 27, 3049-3061.e6.	2.9	58
17	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.	2.7	35
18	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.	0.8	2

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19	Redundant and nonredundant organismal functions of EPS15 and EPS15L1. <i>Life Science Alliance</i> , 2019, 2, e201800273.	1.3	10
20	High USP6NL Levels in Breast Cancer Sustain Chronic AKT Phosphorylation and GLUT1 Stability Fueling Aerobic Glycolysis. <i>Cancer Research</i> , 2018, 78, 3432-3444.	0.4	54
21	A RAB35-p85/PI3K axis controls oscillatory apical protrusions required for efficient chemotactic migration. <i>Nature Communications</i> , 2018, 9, 1475.	5.8	23
22	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.	2.3	33
23	HOXB7 overexpression in lung cancer is a hallmark of acquired stem-like phenotype. <i>Oncogene</i> , 2018, 37, 3575-3588.	2.6	29
24	MicroRNA expression profile in primary lung cancer cells lines obtained by endobronchial ultrasound transbronchial needle aspiration. <i>Journal of Thoracic Disease</i> , 2018, 10, 408-415.	0.6	11
25	A NUMB-EFA6-ARF6 recycling route controls apically restricted cell protrusions and mesenchymal motility. <i>Journal of Cell Biology</i> , 2018, 217, 3161-3182.	2.3	18
26	EGFR Trafficking in Physiology and Cancer. <i>Progress in Molecular and Subcellular Biology</i> , 2018, 57, 235-272.	0.9	58
27	An Aggressive Subtype of Stage I Lung Adenocarcinoma with Molecular and Prognostic Characteristics Typical of Advanced Lung Cancers. <i>Clinical Cancer Research</i> , 2017, 23, 62-72.	3.2	36
28	Reticulon 3-dependent ER-PM contact sites control EGFR nonclathrin endocytosis. <i>Science</i> , 2017, 356, 617-624.	6.0	118
29	Behind the Scenes: Endo/Exocytosis in the Acquisition of Metastatic Traits. <i>Cancer Research</i> , 2017, 77, 1813-1817.	0.4	39
30	Pre-clinical validation of a selective anti-cancer stem cell therapy for Numb-deficient human breast cancers. <i>EMBO Molecular Medicine</i> , 2017, 9, 655-671.	3.3	33
31	The scaffold protein p140Cap limits ERBB2-mediated breast cancer progression interfering with Rac GTPase-controlled circuitries. <i>Nature Communications</i> , 2017, 8, 14797.	5.8	26
32	The pseudophosphatase STYX targets the F-box of FBXW7 and inhibits SCF <sup>FBXW7</sup> function. <i>EMBO Journal</i> , 2017, 36, 260-273.	3.5	26
33	Mitotic Spindle Assembly and Genomic Stability in Breast Cancer Require PI3K-C2 $\pm$ Scaffolding Function. <i>Cancer Cell</i> , 2017, 32, 444-459.e7.	7.7	69
34	Relevance of Stem Cells. , 2017, , 883-888.		0
35	Modelling TFE renal cell carcinoma in mice reveals a critical role of WNT signaling. <i>ELife</i> , 2016, 5, .	2.8	71
36	Optimization and Standardization of Circulating MicroRNA Detection for Clinical Application: The miR-Test Case. <i>Clinical Chemistry</i> , 2016, 62, 743-754.	1.5	53

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37	The EGFR-specific antibody cetuximab combined with chemotherapy triggers immunogenic cell death. <i>Nature Medicine</i> , 2016, 22, 624-631.	15.2	214
38	RAB2A controls MT1â€MMP endocytic and Eâ€cadherin polarized Golgi trafficking to promote invasive breast cancer programs. <i>EMBO Reports</i> , 2016, 17, 1061-1080.	2.0	72
39	A Trust-Based Pact in Research Biobanks. From Theory to Practice. <i>Bioethics</i> , 2016, 30, 260-271.	0.7	21
40	Endocytic control of signaling at the plasma membrane. <i>Current Opinion in Cell Biology</i> , 2016, 39, 21-27.	2.6	73
41	USP9X Controls EGFR Fate by Deubiquitinating the Endocytic Adaptor Eps15. <i>Current Biology</i> , 2016, 26, 173-183.	1.8	71
42	Sensitive and affordable diagnostic assay for the quantitative detection of anaplastic lymphoma kinase (<i>ALK</i>) alterations in patients with non-small cell lung cancer. <i>Oncotarget</i> , 2016, 7, 37160-37176.	0.8	8
43	Abstract B59: The adhesion molecule L1: a new driver in ovarian cancer vasculature.. , 2016, , .		0
44	Abstract A66: The CD73+/CD24- subpopulation of ovarian cancer cells is enriched in cancer stem cells.. , 2016, , .		0
45	The alternative splicing factor Nova2 regulates vascular development and lumen formation. <i>Nature Communications</i> , 2015, 6, 8479.	5.8	50
46	Epithelial-to-Mesenchymal Plasticity Harnesses Endocytic Circuitries. <i>Frontiers in Oncology</i> , 2015, 5, 45.	1.3	43
47	Redox-Mediated Suberoylanilide Hydroxamic Acid Sensitivity in Breast Cancer. <i>Antioxidants and Redox Signaling</i> , 2015, 23, 15-29.	2.5	13
48	Mining cancer gene expression databases for latent information on intronic microRNAs. <i>Molecular Oncology</i> , 2015, 9, 473-487.	2.1	6
49	The role of non-coding RNAs in the regulation of stem cells and progenitors in the normal mammary gland and in breast tumors. <i>Frontiers in Genetics</i> , 2015, 6, 72.	1.1	44
50	Whole exome sequencing identifies driver mutations in asymptomatic computed tomography-detected lung cancers with normal karyotype. <i>Cancer Genetics</i> , 2015, 208, 152-155.	0.2	8
51	miR-Test: A Blood Test for Lung Cancer Early Detection. <i>Journal of the National Cancer Institute</i> , 2015, 107, djv063.	3.0	221
52	Quantitative analysis reveals how EGFR activation and downregulation are coupled in normal but not in cancer cells. <i>Nature Communications</i> , 2015, 6, 7999.	5.8	66
53	The Numb/p53 circuitry couples replicative self-renewal and tumor suppression in mammary epithelial cells. <i>Journal of Cell Biology</i> , 2015, 211, 845-862.	2.3	54
54	Abstract 1575: Serum circulating miRâ€“Test application: Standardized protocol for miRâ€“Test clinical application. , 2015, , .		0

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55	Abstract 233: Mining cancer gene expression databases for latent information on intronic microRNAs. , 2015, , .		0
56	Abstract 1414: Molecular and functional characterization of ovarian cancer stem cells. , 2015, , .		0
57	DEPDC1B Coordinates De-adhesion Events and Cell-Cycle Progression at Mitosis. <i>Developmental Cell</i> , 2014, 31, 420-433.	3.1	76
58	Keeping EGFR signaling in check. <i>Cell Cycle</i> , 2014, 13, 681-682.	1.3	13
59	Memo Is a Copper-Dependent Redox Protein with an Essential Role in Migration and Metastasis. <i>Science Signaling</i> , 2014, 7, ra56.	1.6	110
60	Functional characterization of a novel FGFR1OPâ€RET rearrangement in hematopoietic malignancies. <i>Molecular Oncology</i> , 2014, 8, 221-231.	2.1	27
61	flowFit: a Bioconductor package to estimate proliferation in cell-tracking dye studies. <i>Bioinformatics</i> , 2014, 30, 2060-2065.	1.8	6
62	Spatial control of Cdc42 signalling by a GM130â€RasGRF complex regulates polarity and tumorigenesis. <i>Nature Communications</i> , 2014, 5, 4839.	5.8	79
63	The CDC42-Interacting Protein 4 Controls Epithelial Cell Cohesion and Tumor Dissemination. <i>Developmental Cell</i> , 2014, 30, 553-568.	3.1	40
64	Endocytosis, Signaling, and Beyond. <i>Cold Spring Harbor Perspectives in Biology</i> , 2014, 6, a016865-a016865.	2.3	130
65	A RAB5/RAB4 recycling circuitry induces a proteolytic invasive program and promotes tumor dissemination. <i>Journal of Cell Biology</i> , 2014, 206, 307-328.	2.3	114
66	Transcription factor PREP1 induces EMT and metastasis by controlling the TGF-Î²â€SMAD3 pathway in non-small cell lung adenocarcinoma. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E3775-84.	3.3	87
67	The Rab-interacting lysosomal protein (RILP) regulates vacuolar ATPase acting on the V1G1 subunit. <i>Journal of Cell Science</i> , 2014, 127, 2697-708.	1.2	59
68	Abstract 522: Revealing the complexity of cancer associated small non-coding RNAs by next generation sequencing (NGS) and low-density array. , 2014, , .		1
69	Recessive Cancer Genes Engage in Negative Genetic Interactions with Their Functional Paralogs. <i>Cell Reports</i> , 2013, 5, 1519-1526.	2.9	19
70	Threshold-controlled ubiquitination of the EGFR directs receptor fate. <i>EMBO Journal</i> , 2013, 32, 2140-2157.	3.5	156
71	The GTPase-Activating Protein RN-tre Controls Focal Adhesion Turnover and Cell Migration. <i>Current Biology</i> , 2013, 23, 2355-2364.	1.8	42
72	TPT1/ TCTP-regulated pathways in phenotypic reprogramming. <i>Trends in Cell Biology</i> , 2013, 23, 37-46.	3.6	116

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73	Progressive hearing loss and gradual deterioration of sensory hair bundles in the ears of mice lacking the actin-binding protein Eps8L2. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 13898-13903.	3.3	68
74	A Snapshot of the Physical and Functional Wiring of the Eps15 Homology Domain Network in the Nematode. PLoS ONE, 2013, 8, e56383.	1.1	5
75	Abstract 4338: Tumor reversion: From bench to potential clinical applications using sertraline and thioridazine.. , 2013, , .		1
76	ecancermedalscience. Ecancermedalscience, 2012, 6, 246.	0.6	16
77	Reciprocal repression between P53 and TCTP. Nature Medicine, 2012, 18, 91-99.	15.2	190
78	Differentiation-associated microRNAs antagonize the Rbâ€E2F pathway to restrict proliferation. Journal of Cell Biology, 2012, 199, 77-95.	2.3	39
79	Functional Purification of Human and Mouse Mammary Stem Cells. Methods in Molecular Biology, 2012, 916, 59-79.	0.4	21
80	Endocytosis and Signaling: Cell Logistics Shape the Eukaryotic Cell Plan. Physiological Reviews, 2012, 92, 273-366.	13.1	278
81	TRUSTED CONSENT AND RESEARCH BIOBANKS: TOWARDS A â€NEW ALLIANCEâ€™ BETWEEN RESEARCHERS AND DONORS. Bioethics, 2012, 26, 93-100.	0.7	16
82	The Endocytic Adaptor Eps15 Controls Marginal Zone B Cell Numbers. PLoS ONE, 2012, 7, e50818.	1.1	15
83	Eps8 Regulates Hair Bundle Length and Functional Maturation of Mammalian Auditory Hair Cells. PLoS Biology, 2011, 9, e1001048.	2.6	107
84	An Atlas of Altered Expression of Deubiquitinating Enzymes in Human Cancer. PLoS ONE, 2011, 6, e15891.	1.1	88
85	Abrogation of Junctional Adhesion Molecule-A Expression Induces Cell Apoptosis and Reduces Breast Cancer Progression. PLoS ONE, 2011, 6, e21242.	1.1	49
86	Proteomic snapshot of the EGFâ€induced ubiquitin network. Molecular Systems Biology, 2011, 7, 462.	3.2	56
87	Regulation of Stereocilia Length by Myosin XVa and Whirlin Depends on the Actin-Regulatory Protein Eps8. Current Biology, 2011, 21, 167-172.	1.8	171
88	NUMB-ing down cancer by more than just a NOTCH. Biochimica Et Biophysica Acta: Reviews on Cancer, 2011, 1815, 26-43.	3.3	108
89	Cobalamin deficiency-induced changes of epidermal growth factor (EGF)-receptor expression and EGF levels in rat spinal cord. Brain Research, 2011, 1376, 23-30.	1.1	10
90	Regulation of self-renewal in breast stem cells. Breast, 2011, 20, S15.	0.9	0

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91	A serum circulating miRNA diagnostic test to identify asymptomatic high-risk individuals with early stage lung cancer. <i>EMBO Molecular Medicine</i> , 2011, 3, 495-503.	3.3	322
92	The Eps8/IRSp53/VASP Network Differentially Controls Actin Capping and Bundling in Filopodia Formation. <i>PLoS Computational Biology</i> , 2011, 7, e1002088.	1.5	56
93	Understanding biological dynamics: following cells and molecules to track functions and mechanisms. <i>European Biophysics Journal</i> , 2010, 39, 947-957.	1.2	3
94	The endocytic matrix. <i>Nature</i> , 2010, 463, 464-473.	13.7	423
95	Selective high-level expression of epsin 3 in gastric parietal cells, where it is localized at endocytic sites of apical canaliculi. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 21511-21516.	3.3	33
96	Molecular Basis for the Dual Function of Eps8 on Actin Dynamics: Bundling and Capping. <i>PLoS Biology</i> , 2010, 8, e1000387.	2.6	91
97	Deliberative ethics in a biomedical institution: an example of integration between science and ethics. <i>Journal of Medical Ethics</i> , 2010, 36, 409-414.	1.0	6
98	Prep1 (pKnox1) deficiency leads to spontaneous tumor development in mice and accelerates E1/4Myc lymphomagenesis: A tumor suppressor role for Prep1. <i>Molecular Oncology</i> , 2010, 4, 126-134.	2.1	41
99	Biological and Molecular Heterogeneity of Breast Cancers Correlates with Their Cancer Stem Cell Content. <i>Cell</i> , 2010, 140, 62-73.	13.5	847
100	Loss of the Actin Remodeler Eps8 Causes Intestinal Defects and Improved Metabolic Status in Mice. <i>PLoS ONE</i> , 2010, 5, e9468.	1.1	50
101	Zsyntax: A Formal Language for Molecular Biology with Projected Applications in Text Mining and Biological Prediction. <i>PLoS ONE</i> , 2010, 5, e9511.	1.1	18
102	Zebrafish Numb and Numbl-like Are Involved in Primitive Erythrocyte Differentiation. <i>PLoS ONE</i> , 2010, 5, e14296.	1.1	16
103	Alterations of the Notch pathway in lung cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 22293-22298.	3.3	350
104	Eps8 Regulates Axonal Filopodia in Hippocampal Neurons in Response to Brain-Derived Neurotrophic Factor (BDNF). <i>PLoS Biology</i> , 2009, 7, e1000138.	2.6	93
105	The prolyl-isomerase Pin1 is a Notch1 target that enhances Notch1 activation in cancer. <i>Nature Cell Biology</i> , 2009, 11, 133-142.	4.6	154
106	Alterations of ubiquitin ligases in human cancer and their association with the natural history of the tumor. <i>Oncogene</i> , 2009, 28, 2959-2968.	2.6	96
107	The Tumor Suppressor p53 Regulates Polarity of Self-Renewing Divisions in Mammary Stem Cells. <i>Cell</i> , 2009, 138, 1083-1095.	13.5	656
108	Endocytosis, signaling and cancer, much more than meets the eye. <i>Molecular Oncology</i> , 2009, 3, 273-279.	2.1	12

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109	The many faces of ubiquitinated histone H2A: insights from the DUBs. <i>Cell Division</i> , 2008, 3, 8.	1.1	68
110	High Data Output and Automated 3D Correlative Lightâ€“Electron Microscopy Method. <i>Traffic</i> , 2008, 9, 1828-1838.	1.3	48
111	Endocytosis and Cancer: an â€“Insiderâ€™ Network with Dangerous Liaisons. <i>Traffic</i> , 2008, 9, 2011-2021.	1.3	108
112	NUMB controls p53 tumour suppressor activity. <i>Nature</i> , 2008, 451, 76-80.	13.7	341
113	Breast cancer metastases are molecularly distinct from their primary tumors. <i>Oncogene</i> , 2008, 27, 2148-2158.	2.6	116
114	Endocytic Trafficking of Rac Is Required for the Spatial Restriction of Signaling in Cell Migration. <i>Cell</i> , 2008, 134, 135-147.	13.5	392
115	Finding the Right Partner: Science or ART?. <i>Cell</i> , 2008, 135, 590-592.	13.5	32
116	Clathrin-Mediated Internalization Is Essential for Sustained EGFR Signaling but Dispensable for Degradation. <i>Developmental Cell</i> , 2008, 15, 209-219.	3.1	557
117	A Defining Analysis of the Life and Death Dyad: Paving the Way for an Ethical Debate. <i>Journal of Medicine and Philosophy</i> , 2008, 33, 609-634.	0.4	6
118	Unbiased vs. biased approaches to the identification of cancer signatures: the case of lung cancer. <i>Cell Cycle</i> , 2008, 7, 729-734.	1.3	13
119	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.	0.9	47
120	Playing both sides: nucleophosmin between tumor suppression and oncogenesis. <i>Journal of Cell Biology</i> , 2008, 182, 7-9.	2.3	28
121	Prognostic Implications of Numb Immunoreactivity in Salivary Gland Carcinomas. <i>International Journal of Immunopathology and Pharmacology</i> , 2007, 20, 779-789.	1.0	47
122	<i>Caenorhabditis elegans</i> Intersectin: A Synaptic Protein Regulating Neurotransmission. <i>Molecular Biology of the Cell</i> , 2007, 18, 5091-5099.	0.9	28
123	Gene expression analysis of early and advanced gastric cancers. <i>Oncogene</i> , 2007, 26, 4284-4294.	2.6	75
124	Human USP3 Is a Chromatin Modifier Required for S Phase Progression and Genome Stability. <i>Current Biology</i> , 2007, 17, 1972-1977.	1.8	251
125	Survival prediction of stage I lung adenocarcinomas by expression of 10 genes. <i>Journal of Clinical Investigation</i> , 2007, 117, 3436-3444.	3.9	103
126	Overexpression of sPRDM16 coupled with loss of p53 induces myeloid leukemias in mice. <i>Journal of Clinical Investigation</i> , 2007, 117, 3696-707.	3.9	58



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127	Crystal Structure of the Ubiquitin Binding Domains of Rabex-5 Reveals Two Modes of Interaction with Ubiquitin. <i>Cell</i> , 2006, 124, 1183-1195.	13.5	259
128	Endocytosis Conducts the Cell Signaling Orchestra. <i>Cell</i> , 2006, 124, 897-900.	13.5	245
129	Increased Ethanol Resistance and Consumption in Eps8 Knockout Mice Correlates with Altered Actin Dynamics. <i>Cell</i> , 2006, 127, 213-226.	13.5	120
130	Molecular mechanisms of coupled monoubiquitination. <i>Nature Cell Biology</i> , 2006, 8, 1246-1254.	4.6	173
131	Regulation of cell shape by Cdc42 is mediated by the synergic actin-bundling activity of the Eps8-IRSp53 complex. <i>Nature Cell Biology</i> , 2006, 8, 1337-1347.	4.6	230
132	Cell fate-specific regulation of EGF receptor trafficking during <i>Caenorhabditis elegans</i> vulval development. <i>EMBO Journal</i> , 2006, 25, 2347-2357.	3.5	46
133	Frequent Alterations in the Expression of Serine/Threonine Kinases in Human Cancers. <i>Cancer Research</i> , 2006, 66, 8147-8154.	0.4	168
134	Abi1 regulates the activity of N-WASP and WAVE in distinct actin-based processes. <i>Nature Cell Biology</i> , 2005, 7, 969-976.	4.6	201
135	NUP98 is fused to HOXA9 in a variant complex t(7;11;13;17) in a patient with AML-M2. <i>Cancer Genetics and Cytogenetics</i> , 2005, 157, 151-156.	1.0	7
136	8p11 myeloproliferative syndrome with a novel t(7;8) translocation leading to fusion of the FGFR1 and TIF1 genes. <i>Genes Chromosomes and Cancer</i> , 2005, 42, 320-325.	1.5	99
137	Frequent loss of heterozygosity without loss of genetic material in acute myeloid leukemia with a normal karyotype. <i>Genes Chromosomes and Cancer</i> , 2005, 44, 334-337.	1.5	54
138	Relationships between EGFR Signaling-competent and Endocytosis-competent Membrane Microdomains. <i>Molecular Biology of the Cell</i> , 2005, 16, 2704-2718.	0.9	135
139	It's HIP to be a hub. <i>Journal of Cell Biology</i> , 2005, 170, 169-171.	2.3	10
140	Deubiquitinating function of ataxin-3: Insights from the solution structure of the Josephin domain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 12700-12705.	3.3	151
141	Clathrin-independent endocytosis of ubiquitinated cargos. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 2760-2765.	3.3	719
142	TTP Specifically Regulates the Internalization of the Transferrin Receptor. <i>Cell</i> , 2005, 123, 875-888.	13.5	93
143	A cancer-specific transcriptional signature in human neoplasia. <i>Journal of Clinical Investigation</i> , 2005, 115, 3015-3025.	3.9	14
144	A JC Virus-Induced Signal Is Required for Infection of Glial Cells by a Clathrin- and eps15-Dependent Pathway. <i>Journal of Virology</i> , 2004, 78, 250-256.	1.5	95

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145	Lung Cancers Detected by Screening with Spiral Computed Tomography Have a Malignant Phenotype when Analyzed by cDNA Microarray. <i>Clinical Cancer Research</i> , 2004, 10, 6023-6028.	3.2	64
146	The eps8 Family of Proteins Links Growth Factor Stimulation to Actin Reorganization Generating Functional Redundancy in the Ras/Rac Pathway. <i>Molecular Biology of the Cell</i> , 2004, 15, 91-98.	0.9	120
147	Abl-dependent tyrosine phosphorylation of Sos-1 mediates growth-factor-induced Rac activation. <i>Nature Cell Biology</i> , 2004, 6, 268-274.	4.6	119
148	Abi1 is essential for the formation and activation of a WAVE2 signalling complex. <i>Nature Cell Biology</i> , 2004, 6, 319-327.	4.6	364
149	A novel actin barbed-end-capping activity in EPS-8 regulates apical morphogenesis in intestinal cells of <i>Caenorhabditis elegans</i> . <i>Nature Cell Biology</i> , 2004, 6, 1173-1179.	4.6	109
150	Eps8 controls actin-based motility by capping the barbed ends of actin filaments. <i>Nature Cell Biology</i> , 2004, 6, 1180-1188.	4.6	197
151	Rab5 is a signalling GTPase involved in actin remodelling by receptor tyrosine kinases. <i>Nature</i> , 2004, 429, 309-314.	13.7	262
152	Endocytosis and cancer. <i>Current Opinion in Cell Biology</i> , 2004, 16, 156-161.	2.6	101
153	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.	1.5	16
154	Np95 Is a Histone-Binding Protein Endowed with Ubiquitin Ligase Activity. <i>Molecular and Cellular Biology</i> , 2004, 24, 2526-2535.	1.1	174
155	Loss of negative regulation by Numb over Notch is relevant to human breast carcinogenesis. <i>Journal of Cell Biology</i> , 2004, 167, 215-221.	2.3	456
156	Signaling Through Monoubiquitination. <i>Current Topics in Microbiology and Immunology</i> , 2004, 286, 149-185.	0.7	133
157	Distinct monoubiquitin signals in receptor endocytosis. <i>Trends in Biochemical Sciences</i> , 2003, 28, 598-604.	3.7	410
158	Life on Mars, cellularly speaking. <i>Nature</i> , 2003, 424, 624-625.	13.7	12
159	Multiple monoubiquitination of RTKs is sufficient for their endocytosis and degradation. <i>Nature Cell Biology</i> , 2003, 5, 461-466.	4.6	715
160	When ubiquitin meets ubiquitin receptors: a signalling connection. <i>Nature Reviews Molecular Cell Biology</i> , 2003, 4, 491-497.	16.1	278
161	In silico analysis of the EPS8 gene family: genomic organization, expression profile, and protein structure. <i>Genomics</i> , 2003, 81, 234-244.	1.3	38
162	Rapid Ca <sup>2+</sup> -dependent decrease of protein ubiquitination at synapses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 14908-14913.	3.3	116

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163	Phosphoinositide 3-kinase activates Rac by entering in a complex with Eps8, Abi1, and Sos-1. <i>Journal of Cell Biology</i> , 2003, 160, 17-23.	2.3	231
164	EH and UIM: Endocytosis and More. <i>Science Signaling</i> , 2003, 2003, re17-re17.	1.6	86
165	Acute myeloid leukemia fusion proteins deregulate genes involved in stem cell maintenance and DNA repair. <i>Journal of Clinical Investigation</i> , 2003, 112, 1751-1761.	3.9	223
166	Differential Nucleocytoplasmic Trafficking between the Related Endocytic Proteins Eps15 and Eps15R. <i>Journal of Biological Chemistry</i> , 2002, 277, 8941-8948.	1.6	36
167	Mechanisms through which Sos-1 coordinates the activation of Ras and Rac. <i>Journal of Cell Biology</i> , 2002, 156, 125-136.	2.3	166
168	Np95 is regulated by E1A during mitotic reactivation of terminally differentiated cells and is essential for S phase entry. <i>Journal of Cell Biology</i> , 2002, 157, 909-914.	2.3	86
169	The Eps15 homology (EH) domain. <i>FEBS Letters</i> , 2002, 513, 24-29.	1.3	88
170	Eps8 in the midst of GTPases. <i>International Journal of Biochemistry and Cell Biology</i> , 2002, 34, 1178-1183.	1.2	88
171	A single motif responsible for ubiquitin recognition and monoubiquitination in endocytic proteins. <i>Nature</i> , 2002, 416, 451-455.	13.7	592
172	Pathways Linking Endocytosis and Actin Cytoskeleton in Mammalian Cells. <i>Experimental Cell Research</i> , 2001, 271, 45-56.	1.2	51
173	Endocytosis and Signaling. <i>Cell</i> , 2001, 106, 1-4.	13.5	344
174	A repertoire library that allows the selection of synthetic SH2s with altered binding specificities. <i>Oncogene</i> , 2001, 20, 5186-5194.	2.6	32
175	The Eps15 <i>C. elegans</i> homologue EHS-1 is implicated in synaptic vesicle recycling. <i>Nature Cell Biology</i> , 2001, 3, 755-760.	4.6	65
176	Nucleocytoplasmic Shuttling of Endocytic Proteins. <i>Journal of Cell Biology</i> , 2001, 153, 1511-1518.	2.3	94
177	An effector region in Eps8 is responsible for the activation of the Rac-specific GEF activity of Sos-1 and for the proper localization of the Rac-based actin polymerizing machine. <i>Journal of Cell Biology</i> , 2001, 154, 1031-1044.	2.3	121
178	The Eps8 protein coordinates EGF receptor signalling through Rac and trafficking through Rab5. <i>Nature</i> , 2000, 408, 374-377.	13.7	271
179	NEW EMBO MEMBERS' REVIEW: Signaling from Ras to Rac and beyond: not just a matter of GEFs. <i>EMBO Journal</i> , 2000, 19, 2393-2398.	3.5	186
180	Epsin 1 Undergoes Nucleocytosolic Shuttling and Its Eps15 Interactor Nh2-Terminal Homology (Enth) Domain, Structurally Similar to Armadillo and Heat Repeats, Interacts with the Transcription Factor Promyelocytic Leukemia Zn <sup>2+</sup> Finger Protein (Plzf). <i>Journal of Cell Biology</i> , 2000, 149, 537-546.	2.3	163

#	ARTICLE	IF	CITATIONS
181	Numb Is an Endocytic Protein. <i>Journal of Cell Biology</i> , 2000, 151, 1345-1352.	2.3	330
182	Tyrosine Phosphorylation of Eps15 Is Required for Ligand-Regulated, but Not Constitutive, Endocytosis. <i>Journal of Cell Biology</i> , 2000, 150, 905-912.	2.3	128
183	Evolution of Shc functions from nematode to human. <i>Current Opinion in Genetics and Development</i> , 2000, 10, 668-674.	1.5	205
184	Differential patterns of expression of Eps15 and Eps15R during mouse embryogenesis. <i>Mechanisms of Development</i> , 2000, 95, 309-312.	1.7	4
185	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.	0.9	103
186	The Interaction of Epsin and Eps15 with the Clathrin Adaptor AP-2 Is Inhibited by Mitotic Phosphorylation and Enhanced by Stimulation-dependent Dephosphorylation in Nerve Terminals. <i>Journal of Biological Chemistry</i> , 1999, 274, 3257-3260.	1.6	122
187	Human JIK, a Novel Member of the STE20 Kinase Family That Inhibits JNK and Is Negatively Regulated by Epidermal Growth Factor. <i>Journal of Biological Chemistry</i> , 1999, 274, 33287-33295.	1.6	72
188	The Epsins Define a Family of Proteins That Interact with Components of the Clathrin Coat and Contain a New Protein Module. <i>Journal of Biological Chemistry</i> , 1999, 274, 33959-33965.	1.6	171
189	The Eps15 Homology (Eh) Domain-Based Interaction between Eps15 and Hrb Connects the Molecular Machinery of Endocytosis to That of Nucleocytoplasmic Transport. <i>Journal of Cell Biology</i> , 1999, 147, 1379-1384.	2.3	48
190	EPS8 and E3B1 transduce signals from Ras to Rac. <i>Nature</i> , 1999, 401, 290-293.	13.7	312
191	A novel peptide-SH3 interaction. <i>EMBO Journal</i> , 1999, 18, 5300-5309.	3.5	172
192	Activation of Rad53 kinase in response to DNA damage and its effect in modulating phosphorylation of the lagging strand DNA polymerase. <i>EMBO Journal</i> , 1999, 18, 6561-6572.	3.5	354
193	Endocytosis and mitogenic signaling. <i>Current Opinion in Cell Biology</i> , 1999, 11, 483-488.	2.6	124
194	Epidermal growth factor pathway substrate 15, Eps15. <i>International Journal of Biochemistry and Cell Biology</i> , 1999, 31, 805-809.	1.2	92
195	The EH Network. <i>Experimental Cell Research</i> , 1999, 253, 186-209.	1.2	121
196	UBPY: a growth-regulated human ubiquitin isopeptidase. <i>EMBO Journal</i> , 1998, 17, 3241-3250.	3.5	168
197	Epsin is an EH-domain-binding protein implicated in clathrin-mediated endocytosis. <i>Nature</i> , 1998, 394, 793-797.	13.7	520
198	Eps8, a Tyrosine Kinase Substrate, Is Recruited to the Cell Cortex and Dynamic F-Actin upon Cytoskeleton Remodeling. <i>Experimental Cell Research</i> , 1998, 242, 186-200.	1.2	33

#	ARTICLE	IF	CITATIONS
199	Recognition specificity of individual EH domains of mammals and yeast. <i>EMBO Journal</i> , 1998, 17, 6541-6550.	3.5	106
200	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.	1.6	74
201	Binding specificity and in vivo targets of the EH domain, a novel protein-protein interaction module. <i>Genes and Development</i> , 1997, 11, 2239-2249.	2.7	293
202	Eps15 Is Constitutively Oligomerized Due to Homophilic Interaction of Its Coiled-coil Region. <i>Journal of Biological Chemistry</i> , 1997, 272, 15413-15418.	1.6	57
203	Superagonistic behaviour of epidermal growth factor/transforming growth factor- $\beta$ chimaeras: correlation with receptor routing after ligand-induced internalization. <i>Biochemical Journal</i> , 1997, 327, 859-865.	1.7	28
204	Synaptojanin 1: localization on coated endocytic intermediates in nerve terminals and interaction of its 170 kDa isoform with Eps15. <i>FEBS Letters</i> , 1997, 419, 175-180.	1.3	152
205	Regulation of the tyrosine kinase substrate Eps8 expression by growth factors, v-Src and terminal differentiation. <i>Oncogene</i> , 1997, 15, 1929-1936.	2.6	36
206	The SH3 domain of Eps8 exists as a novel intertwined dimer. <i>Nature Structural Biology</i> , 1997, 4, 739-743.	9.7	89
207	EH: a novel protein-protein interaction domain potentially involved in intracellular sorting. <i>Trends in Biochemical Sciences</i> , 1997, 22, 411-413.	3.7	86
208	Opposite effects of the p52shc/p46shc and p66shc splicing isoforms on the EGF receptor-MAP kinase-fos signalling pathway. <i>EMBO Journal</i> , 1997, 16, 706-716.	3.5	373
209	A potential pathogenetic mechanism for multiple endocrine neoplasia type 2 syndromes involves ret-induced impairment of terminal differentiation of neuroepithelial cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996, 93, 7933-7937.	3.3	34
210	Molecular heterogeneity of RET loss of function in Hirschsprung's disease. <i>EMBO Journal</i> , 1996, 15, 2717-2725.	3.5	109
211	Direct Association between the Ret Receptor Tyrosine Kinase and the Src Homology 2-containing Adapter Protein Grb7. <i>Journal of Biological Chemistry</i> , 1996, 271, 10607-10610.	1.6	75
212	All ErbB Receptors Other Than the Epidermal Growth Factor Receptor Are Endocytosis Impaired. <i>Journal of Biological Chemistry</i> , 1996, 271, 5251-5257.	1.6	360
213	A protein-binding domain, EH, identified in the receptor tyrosine kinase substrate Eps15 and conserved in evolution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995, 92, 9530-9534.	3.3	140
214	The Ret Receptor Protein Tyrosine Kinase Associates with the SH2-containing Adapter Protein Grb10. <i>Journal of Biological Chemistry</i> , 1995, 270, 21461-21463.	1.6	118
215	The SH3 Domain of Crk Binds Specifically to a Conserved Proline-rich Motif in Eps15 and Eps15R. <i>Journal of Biological Chemistry</i> , 1995, 270, 15341-15347.	1.6	85
216	Efficient coupling with phosphatidylinositol 3-kinase, but not phospholipase C gamma or GTPase-activating protein, distinguishes ErbB-3 signaling from that of other ErbB/EGFR family members. <i>Molecular and Cellular Biology</i> , 1994, 14, 492-500.	1.1	222

#	ARTICLE	IF	CITATIONS
217	An epidermal growth factor receptor/ret chimera generates mitogenic and transforming signals: evidence for a ret-specific signaling pathway.. <i>Molecular and Cellular Biology</i> , 1994, 14, 663-675.	1.1	108
218	eps15, a novel tyrosine kinase substrate, exhibits transforming activity.. <i>Molecular and Cellular Biology</i> , 1993, 13, 5814-5828.	1.1	265
219	The erbB-2 mitogenic signaling pathway: tyrosine phosphorylation of phospholipase C-gamma and GTPase-activating protein does not correlate with erbB-2 mitogenic potency.. <i>Molecular and Cellular Biology</i> , 1991, 11, 2040-2048.	1.1	91
220	The juxtamembrane regions of the epidermal growth factor receptor and gp185erbB-2 determine the specificity of signal transduction.. <i>Molecular and Cellular Biology</i> , 1991, 11, 3191-3202.	1.1	52
221	The carboxy-terminal domains of erbB-2 and epidermal growth factor receptor exert different regulatory effects on intrinsic receptor tyrosine kinase function and transforming activity.. <i>Molecular and Cellular Biology</i> , 1990, 10, 2749-2756.	1.1	68
222	Transformation of NIH 3T3 cells by overexpression of the normal coding sequence of the rat neu gene.. <i>Molecular and Cellular Biology</i> , 1990, 10, 3247-3252.	1.1	82
223	EGF receptor and erbB-2 tyrosine kinase domains confer cell specificity for mitogenic signaling. <i>Science</i> , 1990, 248, 79-83.	6.0	140
224	Macrophage-colony-stimulating factor (CSF-1) induces proliferation, chemotaxis, and reversible monocytic differentiation in myeloid progenitor cells transfected with the human c-fms/CSF-1 receptor cDNA.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1990, 87, 5613-5617.	3.3	103
225	Pathways in Which Growth Factors and Oncogenes Interact in Epithelial Cell Mitogenic Signal Transduction. <i>Annals of the New York Academy of Sciences</i> , 1989, 567, 122-129.	1.8	5
226	The block of thyroglobulin synthesis, which occurs upon transformation of rat thyroid epithelial cells, is at the transcriptional level and it is associated with methylation of the 5' flanking region of the gene. <i>Experimental Cell Research</i> , 1989, 183, 277-283.	1.2	15
227	Mechanisms by Which Genes Encoding Growth Factors and Growth Factor Receptors Contribute to Malignant Transformation. <i>Annals of the New York Academy of Sciences</i> , 1988, 551, 320-336.	1.8	16
228	Signal transduction through the EGF receptor transfected in IL-3-dependent hematopoietic cells. <i>Science</i> , 1988, 239, 628-631.	6.0	254
229	Comparison of biological properties and transforming potential of human PDGF-A and PDGF-B chains. <i>Science</i> , 1988, 241, 1346-1349.	6.0	164
230	The calcium signal for BALB/MK keratinocyte terminal differentiation counteracts epidermal growth factor (EGF) very early in the EGF-induced proliferative pathway.. <i>Molecular and Cellular Biology</i> , 1988, 8, 557-563.	1.1	23
231	Different structural alterations upregulate in vitro tyrosine kinase activity and transforming potency of the erbB-2 gene.. <i>Molecular and Cellular Biology</i> , 1988, 8, 5570-5574.	1.1	183
232	One- and two-step transformations of rat thyroid epithelial cells by retroviral oncogenes.. <i>Molecular and Cellular Biology</i> , 1987, 7, 3365-3370.	1.1	248
233	Elevated levels of a specific class of nuclear phosphoproteins in cells transformed with v-ras and v-mos oncogenes and by cotransfection with c-myc and polyoma middle T genes.. <i>EMBO Journal</i> , 1987, 6, 1981-1987.	3.5	136
234	erbB-2 is a potent oncogene when overexpressed in NIH/3T3 cells. <i>Science</i> , 1987, 237, 178-182.	6.0	972

#	ARTICLE	IF	CITATIONS
235	Overexpression of the human EGF receptor confers an EGF-dependent transformed phenotype to NIH 3T3 cells. <i>Cell</i> , 1987, 51, 1063-1070.	13.5	647
236	Mammalian cell transformation by a murine retrovirus vector containing the avian erythroblastosis virus erbB gene. <i>Journal of Virology</i> , 1986, 60, 19-28.	1.5	19
237	A mos oncogene-containing retrovirus, myeloproliferative sarcoma virus, transforms rat thyroid epithelial cells and irreversibly blocks their differentiation pattern. <i>Journal of Virology</i> , 1985, 56, 284-292.	1.5	37
238	Neoplastic transformation of mast cells by Abelson-MuLV: abrogation of IL-3 dependence by a nonautocrine mechanism. <i>Cell</i> , 1985, 41, 685-693.	13.5	358
239	Expression of the onc Gene of the Kirsten Murine Sarcoma Virus in Differentiated Rat Thyroid Epithelial Cell Lines. <i>Journal of General Virology</i> , 1984, 65, 1955-1961.	1.3	6
240	Dissociation between transformed and differentiated phenotype in rat thyroid epithelial cells after transformation with a temperature-sensitive mutant of the Kirsten murine sarcoma virus.. <i>Molecular and Cellular Biology</i> , 1983, 3, 2099-2109.	1.1	53