Pier Paolo Di Fiore

List of Publications by Year
in descending order

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240 papers	29,292 citations	2802 94 h-index	5255 165 g-index
250 all docs	250 docs citations	250 times ranked	28532 citing authors

#	Article	IF	Citations
1	erb B-2 Is a Potent Oncogene When Overexpressed in NIH/3T3 Cells. Science, 1987, 237, 178-182.	12.6	972
2	Biological and Molecular Heterogeneity of Breast Cancers Correlates with Their Cancer Stem Cell Content. Cell, 2010, 140, 62-73.	28.9	847
3	Clathrin-independent endocytosis of ubiquitinated cargos. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 2760-2765.	7.1	719
4	Multiple monoubiquitination of RTKs is sufficient for their endocytosis and degradation. Nature Cell Biology, 2003, 5, 461-466.	10.3	715
5	The Tumor Suppressor p53 Regulates Polarity of Self-Renewing Divisions in Mammary Stem Cells. Cell, 2009, 138, 1083-1095.	28.9	656
6	Overexpression of the human EGF receptor confers an EGF-dependent transformed phenotype to NIH 3T3 cells. Cell, 1987, 51, 1063-1070.	28.9	647
7	A single motif responsible for ubiquitin recognition and monoubiquitination in endocytic proteins. Nature, 2002, 416, 451-455.	27.8	592
8	Clathrin-Mediated Internalization Is Essential for Sustained EGFR Signaling but Dispensable for Degradation. Developmental Cell, 2008, 15, 209-219.	7.0	557
9	Epsin is an EH-domain-binding protein implicated in clathrin-mediated endocytosis. Nature, 1998, 394, 793-797.	27.8	520
10	Loss of negative regulation by Numb over Notch is relevant to human breast carcinogenesis. Journal of Cell Biology, 2004, 167, 215-221.	5.2	456
11	The endocytic matrix. Nature, 2010, 463, 464-473.	27.8	423
12	Distinct monoubiquitin signals in receptor endocytosis. Trends in Biochemical Sciences, 2003, 28, 598-604.	7.5	410
13	Endocytic Trafficking of Rac Is Required for the Spatial Restriction of Signaling in Cell Migration. Cell, 2008, 134, 135-147.	28.9	392
14	Opposite effects of the p52shc/p46shc and p66shc splicing isoforms on the EGF receptor-MAP kinase-fos signalling pathway. EMBO Journal, 1997, 16, 706-716.	7.8	373
15	Abi1 is essential for the formation and activation of a WAVE2 signalling complex. Nature Cell Biology, 2004, 6, 319-327.	10.3	364
16	All ErbB Receptors Other Than the Epidermal Growth Factor Receptor Are Endocytosis Impaired. Journal of Biological Chemistry, 1996, 271, 5251-5257.	3.4	360
17	Neoplastic transformation of mast cells by Abelson-MuLV: abrogation of IL-3 dependence by a nonautocrine mechanism. Cell, 1985, 41, 685-693.	28.9	358
18	Activation of Rad53 kinase in response to DNA damage and its effect in modulating phosphorylation of the lagging strand DNA polymerase. EMBO Journal, 1999, 18, 6561-6572.	7.8	354

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19	Alterations of the Notch pathway in lung cancer. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 22293-22298.	7.1	350
20	Endocytosis and Signaling. Cell, 2001, 106, 1-4.	28.9	344
21	NUMB controls p53 tumour suppressor activity. Nature, 2008, 451, 76-80.	27.8	341
22	Numb Is an Endocytic Protein. Journal of Cell Biology, 2000, 151, 1345-1352.	5.2	330
23	A serum circulating miRNA diagnostic test to identify asymptomatic highâ€risk individuals with early stage lung cancer. EMBO Molecular Medicine, 2011, 3, 495-503.	6.9	322
24	EPS8 and E3B1 transduce signals from Ras to Rac. Nature, 1999, 401, 290-293.	27.8	312
25	Binding specificity and in vivo targets of the EH domain, a novel proteinâ€“protein interactionâ€‰module. Genes and Development, 1997, 11, 2239-2249.	5.9	293
26	When ubiquitin meets ubiquitin receptors: a signalling connection. Nature Reviews Molecular Cell Biology, 2003, 4, 491-497.	37.0	278
27	Endocytosis and Signaling: Cell Logistics Shape the Eukaryotic Cell Plan. Physiological Reviews, 2012, 92, 273-366.	28.8	278
28	The Eps8 protein coordinates EGF receptor signalling through Rac and trafficking through Rab5. Nature, 2000, 408, 374-377.	27.8	271
29	eps15, a novel tyrosine kinase substrate, exhibits transforming activity.. Molecular and Cellular Biology, 1993, 13, 5814-5828.	2.3	265
30	Rab5 is a signalling GTPase involved in actin remodelling by receptor tyrosine kinases. Nature, 2004, 429, 309-314.	27.8	262
31	Crystal Structure of the Ubiquitin Binding Domains of Rabex-5 Reveals Two Modes of Interaction with Ubiquitin. Cell, 2006, 124, 1183-1195.	28.9	259
32	Signal transduction through the EGF receptor transfected in IL-3-dependent hematopoietic cells. Science, 1988, 239, 628-631.	12.6	254
33	Human USP3 Is a Chromatin Modifier Required for S Phase Progression and Genome Stability. Current Biology, 2007, 17, 1972-1977.	3.9	251
34	One- and two-step transformations of rat thyroid epithelial cells by retroviral oncogenes.. Molecular and Cellular Biology, 1987, 7, 3365-3370.	2.3	248
35	Endocytosis Conducts the Cell Signaling Orchestra. Cell, 2006, 124, 897-900.	28.9	245
36	Phosphoinositide 3-kinase activates Rac by entering in a complex with Eps8, Abi1, and Sos-1. Journal of Cell Biology, 2003, 160, 17-23.	5.2	231

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37	Regulation of cell shape by Cdc42 is mediated by the synergic actin-bundling activity of the Eps8â€“IRSp53 complex. Nature Cell Biology, 2006, 8, 1337-1347.	10.3	230
38	Acute myeloid leukemia fusion proteins deregulate genes involved in stem cell maintenance and DNA repair. Journal of Clinical Investigation, 2003, 112, 1751-1761.	8.2	223
39	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.. Molecular and Cellular Biology, 1994, 14, 492-500.	2.3	222
40	miR-Test: A Blood Test for Lung Cancer Early Detection. Journal of the National Cancer Institute, 2015, 107, djv063.	6.3	221
41	The EGFR-specific antibody cetuximab combined with chemotherapy triggers immunogenic cell death. Nature Medicine, 2016, 22, 624-631.	30.7	214
42	Evolution of Shc functions from nematode to human. Current Opinion in Genetics and Development, 2000, 10, 668-674.	3.3	205
43	Abi1 regulates the activity of N-WASP and WAVE in distinct actin-based processes. Nature Cell Biology, 2005, 7, 969-976.	10.3	201
44	Eps8 controls actin-based motility by capping the barbed ends of actin filaments. Nature Cell Biology, 2004, 6, 1180-1188.	10.3	197
45	Reciprocal repression between P53 and TCTP. Nature Medicine, 2012, 18, 91-99.	30.7	190
46	NEW EMBO MEMBERS' REVIEW: Signaling from Ras to Rac and beyond: not just a matter of GEFs. EMBO Journal, 2000, 19, 2393-2398.	7.8	186
47	Different structural alterations upregulate in vitro tyrosine kinase activity and transforming potency of the erbB-2 gene.. Molecular and Cellular Biology, 1988, 8, 5570-5574.	2.3	183
48	A substrate-specific mTORC1 pathway underlies Birtâ€“Hoggâ€“DubÃ© syndrome. Nature, 2020, 585, 597-602.	27.8	177
49	Gut vascular barrier impairment leads to intestinal bacteria dissemination and colorectal cancer metastasis to liver. Cancer Cell, 2021, 39, 708-724.e11.	16.8	175
50	Np95 Is a Histone-Binding Protein Endowed with Ubiquitin Ligase Activity. Molecular and Cellular Biology, 2004, 24, 2526-2535.	2.3	174
51	Molecular mechanisms of coupled monoubiquitination. Nature Cell Biology, 2006, 8, 1246-1254.	10.3	173
52	A novel peptide-SH3 interaction. EMBO Journal, 1999, 18, 5300-5309.	7.8	172
53	The Epsins Define a Family of Proteins That Interact with Components of the Clathrin Coat and Contain a New Protein Module. Journal of Biological Chemistry, 1999, 274, 33959-33965.	3.4	171
54	Regulation of Stereocilia Length by Myosin XVa and Whirlin Depends on the Actin-Regulatory Protein Eps8. Current Biology, 2011, 21, 167-172.	3.9	171

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55	UBPY: a growth-regulated human ubiquitin isopeptidase. EMBO Journal, 1998, 17, 3241-3250.	7.8	168
56	Frequent Alterations in the Expression of Serine/Threonine Kinases in Human Cancers. Cancer Research, 2006, 66, 8147-8154.	0.9	168
57	Mechanisms through which Sos-1 coordinates the activation of Ras and Rac. Journal of Cell Biology, 2002, 156, 125-136.	5.2	166
58	Comparison of Biological Properties and Transforming Potential of Human PDGF-A and PDGF-B Chains. Science, 1988, 241, 1346-1349.	12.6	164
59	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 Zn2+ Finger Protein (Plzf). Journal of Cell Biology, 2000, 149, 537-546.	5.2	163
60	Threshold-controlled ubiquitination of the EGFR directs receptor fate. EMBO Journal, 2013, 32, 2140-2157.	7.8	156
61	The prolyl-isomerase Pin1 is a Notch1 target that enhances Notch1 activation in cancer. Nature Cell Biology, 2009, 11, 133-142.	10.3	154
62	Synaptojanin 1: localization on coated endocytic intermediates in nerve terminals and interaction of its 170 kDa isoform with Eps15. FEBS Letters, 1997, 419, 175-180.	2.8	152
63	Deubiquitinating function of ataxin-3: Insights from the solution structure of the Josephin domain. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 12700-12705.	7.1	151
64	EGF receptor and erbB-2 tyrosine kinase domains confer cell specificity for mitogenic signaling. Science, 1990, 248, 79-83.	12.6	140
65	A protein-binding domain, EH, identified in the receptor tyrosine kinase substrate Eps15 and conserved in evolution.. Proceedings of the National Academy of Sciences of the United States of America, 1995, 92, 9530-9534.	7.1	140
66	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.. EMBO Journal, 1987, 6, 1981-1987.	7.8	136
67	Relationships between EGFR Signalingâ€“competent and Endocytosis-competent Membrane Microdomains. Molecular Biology of the Cell, 2005, 16, 2704-2718.	2.1	135
68	Signaling Through Monoubiquitination. Current Topics in Microbiology and Immunology, 2004, 286, 149-185.	1.1	133
69	Endocytosis, Signaling, and Beyond. Cold Spring Harbor Perspectives in Biology, 2014, 6, a016865-a016865.	5.5	130
70	Tyrosine Phosphorylation of Eps15 Is Required for Ligand-Regulated, but Not Constitutive, Endocytosis. Journal of Cell Biology, 2000, 150, 905-912.	5.2	128
71	Endocytosis and mitogenic signaling. Current Opinion in Cell Biology, 1999, 11, 483-488.	5.4	124
72	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. Journal of Biological Chemistry, 1999, 274, 3257-3260.	3.4	122

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73	The EH Network. Experimental Cell Research, 1999, 253, 186-209.	2.6	121
74	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 actinâ€“polymerizing machine. Journal of Cell Biology, 2001, 154, 1031-1044.	5.2	121
75	The eps8 Family of Proteins Links Growth Factor Stimulation to Actin Reorganization Generating Functional Redundancy in the Ras/Rac Pathway. Molecular Biology of the Cell, 2004, 15, 91-98.	2.1	120
76	Increased Ethanol Resistance and Consumption in Eps8 Knockout Mice Correlates with Altered Actin Dynamics. Cell, 2006, 127, 213-226.	28.9	120
77	Abl-dependent tyrosine phosphorylation of Sos-1 mediates growth-factor-induced Rac activation. Nature Cell Biology, 2004, 6, 268-274.	10.3	119
78	The Ret Receptor Protein Tyrosine Kinase Associates with the SH2-containing Adapter Protein Grb10. Journal of Biological Chemistry, 1995, 270, 21461-21463.	3.4	118
79	Reticulon 3â€“dependent ER-PM contact sites control EGFR nonclathrin endocytosis. Science, 2017, 356, 617-624.	12.6	118
80	Unjamming overcomes kinetic and proliferation arrest in terminally differentiated cells and promotes collective motility of carcinoma. Nature Materials, 2019, 18, 1252-1263.	27.5	117
81	Rapid Ca2+-dependent decrease of protein ubiquitination at synapses. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 14908-14913.	7.1	116
82	Breast cancer metastases are molecularly distinct from their primary tumors. Oncogene, 2008, 27, 2148-2158.	5.9	116
83	TPT1/ TCTP-regulated pathways in phenotypic reprogramming. Trends in Cell Biology, 2013, 23, 37-46.	7.9	116
84	A RAB5/RAB4 recycling circuitry induces a proteolytic invasive program and promotes tumor dissemination. Journal of Cell Biology, 2014, 206, 307-328.	5.2	114
85	Memo Is a Copper-Dependent Redox Protein with an Essential Role in Migration and Metastasis. Science Signaling, 2014, 7, ra56.	3.6	110
86	Molecular heterogeneity of RET loss of function in Hirschsprung's disease.. EMBO Journal, 1996, 15, 2717-2725.	7.8	109
87	A novel actin barbed-end-capping activity in EPS-8 regulates apical morphogenesis in intestinal cells of Caenorhabditis elegans. Nature Cell Biology, 2004, 6, 1173-1179.	10.3	109
88	An epidermal growth factor receptor/ret chimera generates mitogenic and transforming signals: evidence for a ret-specific signaling pathway.. Molecular and Cellular Biology, 1994, 14, 663-675.	2.3	108
89	Endocytosis and Cancer: an â€˜Insiderâ€™ Network with Dangerous Liaisons. Traffic, 2008, 9, 2011-2021.	2.7	108
90	NUMB-ing down cancer by more than just a NOTCH. Biochimica Et Biophysica Acta: Reviews on Cancer, 2011, 1815, 26-43.	7.4	108

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91	Eps8 Regulates Hair Bundle Length and Functional Maturation of Mammalian Auditory Hair Cells. PLoS Biology, 2011, 9, e1001048.	5.6	107
92	Recognition specificity of individual EH domains of mammals and yeast. EMBO Journal, 1998, 17, 6541-6550.	7.8	106
93	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.. Proceedings of the National Academy of Sciences of the United States of America, 1990, 87, 5613-5617.	7.1	103
94	Eps15 Is Recruited to the Plasma Membrane upon Epidermal Growth Factor Receptor Activation and Localizes to Components of the Endocytic Pathway during Receptor Internalization. Molecular Biology of the Cell, 1999, 10, 417-434.	2.1	103
95	Survival prediction of stage I lung adenocarcinomas by expression of 10 genes. Journal of Clinical Investigation, 2007, 117, 3436-3444.	8.2	103
96	Endocytosis and cancer. Current Opinion in Cell Biology, 2004, 16, 156-161.	5.4	101
97	8p11 myeloproliferative syndrome with a novel t(7;8) translocation leading to fusion of the FGFR1 and TIF1 genes. Genes Chromosomes and Cancer, 2005, 42, 320-325.	2.8	99
98	Alterations of ubiquitin ligases in human cancer and their association with the natural history of the tumor. Oncogene, 2009, 28, 2959-2968.	5.9	96
99	A JC Virus-Induced Signal Is Required for Infection of Glial Cells by a Clathrin- and eps15-Dependent Pathway. Journal of Virology, 2004, 78, 250-256.	3.4	95
100	Nucleocytoplasmic Shuttling of Endocytic Proteins. Journal of Cell Biology, 2001, 153, 1511-1518.	5.2	94
101	TTP Specifically Regulates the Internalization of the Transferrin Receptor. Cell, 2005, 123, 875-888.	28.9	93
102	Eps8 Regulates Axonal Filopodia in Hippocampal Neurons in Response to Brain-Derived Neurotrophic Factor (BDNF). PLoS Biology, 2009, 7, e1000138.	5.6	93
103	Epidermal growth factor pathway substrate 15, Eps15. International Journal of Biochemistry and Cell Biology, 1999, 31, 805-809.	2.8	92
104	The erbB-2 mitogenic signaling pathway: tyrosine phosphorylation of phospholipase C-gamma and GTPase-activating protein does not correlate with erbB-2 mitogenic potency.. Molecular and Cellular Biology, 1991, 11, 2040-2048.	2.3	91
105	Molecular Basis for the Dual Function of Eps8 on Actin Dynamics: Bundling and Capping. PLoS Biology, 2010, 8, e1000387.	5.6	91
106	The SH3 domain of Eps8 exists as a novel intertwined dimer. Nature Structural Biology, 1997, 4, 739-743.	9.7	89
107	The Eps15 homology (EH) domain. FEBS Letters, 2002, 513, 24-29.	2.8	88
108	Eps8 in the midst of GTPases. International Journal of Biochemistry and Cell Biology, 2002, 34, 1178-1183.	2.8	88

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109	An Atlas of Altered Expression of Deubiquitinating Enzymes in Human Cancer. PLoS ONE, 2011, 6, e15891.	2.5	88
110	Transcription factor PREP1 induces EMT and metastasis by controlling the TGF-Î²â€“SMAD3 pathway in non-small cell lung adenocarcinoma. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E3775-84.	7.1	87
111	EH: a novel protein-protein interaction domain potentially involved in intracellular sorting. Trends in Biochemical Sciences, 1997, 22, 411-413.	7.5	86
112	Np95 is regulated by E1A during mitotic reactivation of terminally differentiated cells and is essential for S phase entry. Journal of Cell Biology, 2002, 157, 909-914.	5.2	86
113	EH and UIM: Endocytosis and More. Science Signaling, 2003, 2003, re17-re17.	3.6	86
114	The SH3 Domain of Crk Binds Specifically to a Conserved Proline-rich Motif in Eps15 and Eps15R. Journal of Biological Chemistry, 1995, 270, 15341-15347.	3.4	85
115	Transformation of NIH 3T3 cells by overexpression of the normal coding sequence of the rat neu gene.. Molecular and Cellular Biology, 1990, 10, 3247-3252.	2.3	82
116	Spatial control of Cdc42 signalling by a GM130â€“RasGRF complex regulates polarity and tumorigenesis. Nature Communications, 2014, 5, 4839.	12.8	79
117	DEPDC1B Coordinates De-adhesion Events and Cell-Cycle Progression at Mitosis. Developmental Cell, 2014, 31, 420-433.	7.0	76
118	Direct Association between the Ret Receptor Tyrosine Kinase and the Src Homology 2-containing Adapter Protein Grb7. Journal of Biological Chemistry, 1996, 271, 10607-10610.	3.4	75
119	Gene expression analysis of early and advanced gastric cancers. Oncogene, 2007, 26, 4284-4294.	5.9	75
120	Eps15R Is a Tyrosine Kinase Substrate with Characteristics of a Docking Protein Possibly Involved in Coated Pits-mediated Internalization. Journal of Biological Chemistry, 1998, 273, 3003-3012.	3.4	74
121	Endocytic control of signaling at the plasma membrane. Current Opinion in Cell Biology, 2016, 39, 21-27.	5.4	73
122	Human JIK, a Novel Member of the STE20 Kinase Family That Inhibits JNK and Is Negatively Regulated by Epidermal Growth Factor. Journal of Biological Chemistry, 1999, 274, 33287-33295.	3.4	72
123	RAB2A controls MT1â€MMP endocytic and Eâ€cadherin polarized Golgi trafficking to promote invasive breast cancer programs. EMBO Reports, 2016, 17, 1061-1080.	4.5	72
124	Modelling TFE renal cell carcinoma in mice reveals a critical role of WNT signaling. ELife, 2016, 5, .	6.0	71
125	USP9X Controls EGFR Fate by Deubiquitinating the Endocytic Adaptor Eps15. Current Biology, 2016, 26, 173-183.	3.9	71
126	Mitotic Spindle Assembly and Genomic Stability in Breast Cancer Require PI3K-C2Î± Scaffolding Function. Cancer Cell, 2017, 32, 444-459.e7.	16.8	69

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127	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.. Molecular and Cellular Biology, 1990, 10, 2749-2756.	2.3	68
128	The many faces of ubiquitinated histone H2A: insights from the DUBs. Cell Division, 2008, 3, 8.	2.4	68
129	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.	7.1	68
130	Quantitative analysis reveals how EGFR activation and downregulation are coupled in normal but not in cancer cells. Nature Communications, 2015, 6, 7999.	12.8	66
131	The Eps15 C. elegans homologue EHS-1 is implicated in synaptic vesicle recycling. Nature Cell Biology, 2001, 3, 755-760.	10.3	65
132	Lung Cancers Detected by Screening with Spiral Computed Tomography Have a Malignant Phenotype when Analyzed by cDNA Microarray. Clinical Cancer Research, 2004, 10, 6023-6028.	7.0	64
133	The Rab-interacting lysosomal protein (RILP) regulates vacuolar ATPase acting on the V1G1 subunit. Journal of Cell Science, 2014, 127, 2697-708.	2.0	59
134	Endocytosis in the context-dependent regulation of individual and collective cell properties. Nature Reviews Molecular Cell Biology, 2021, 22, 625-643.	37.0	59
135	EGFR Trafficking in Physiology and Cancer. Progress in Molecular and Subcellular Biology, 2018, 57, 235-272.	1.6	58
136	Molecularly Distinct Clathrin-Coated Pits Differentially Impact EGFR Fate and Signaling. Cell Reports, 2019, 27, 3049-3061.e6.	6.4	58
137	Overexpression of sPRDM16 coupled with loss of p53 induces myeloid leukemias in mice. Journal of Clinical Investigation, 2007, 117, 3696-707.	8.2	58
138	Eps15 Is Constitutively Oligomerized Due to Homophilic Interaction of Its Coiled-coil Region. Journal of Biological Chemistry, 1997, 272, 15413-15418.	3.4	57
139	Proteomic snapshot of the EGFâ€induced ubiquitin network. Molecular Systems Biology, 2011, 7, 462.	7.2	56
140	The Eps8/IRSp53/VASP Network Differentially Controls Actin Capping and Bundling in Filopodia Formation. PLoS Computational Biology, 2011, 7, e1002088.	3.2	56
141	Frequent loss of heterozygosity without loss of genetic material in acute myeloid leukemia with a normal karyotype. Genes Chromosomes and Cancer, 2005, 44, 334-337.	2.8	54
142	The Numb/p53 circuitry couples replicative self-renewal and tumor suppression in mammary epithelial cells. Journal of Cell Biology, 2015, 211, 845-862.	5.2	54
143	High USP6NL Levels in Breast Cancer Sustain Chronic AKT Phosphorylation and GLUT1 Stability Fueling Aerobic Glycolysis. Cancer Research, 2018, 78, 3432-3444.	0.9	54
144	Dissociation between transformed and differentiated phenotype in rat thyroid epithelial cells after transformation with a temperature-sensitive mutant of the Kirsten murine sarcoma virus.. Molecular and Cellular Biology, 1983, 3, 2099-2109.	2.3	53

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145	Optimization and Standardization of Circulating MicroRNA Detection for Clinical Application: The miR-Test Case. Clinical Chemistry, 2016, 62, 743-754.	3.2	53
146	The juxtamembrane regions of the epidermal growth factor receptor and gp185erbB-2 determine the specificity of signal transduction.. Molecular and Cellular Biology, 1991, 11, 3191-3202.	2.3	52
147	Pathways Linking Endocytosis and Actin Cytoskeleton in Mammalian Cells. Experimental Cell Research, 2001, 271, 45-56.	2.6	51
148	The alternative splicing factor Nova2 regulates vascular development and lumen formation. Nature Communications, 2015, 6, 8479.	12.8	50
149	Loss of the Actin Remodeler Eps8 Causes Intestinal Defects and Improved Metabolic Status in Mice. PLoS ONE, 2010, 5, e9468.	2.5	50
150	Abrogation of Junctional Adhesion Molecule-A Expression Induces Cell Apoptosis and Reduces Breast Cancer Progression. PLoS ONE, 2011, 6, e21242.	2.5	49
151	The Eps15 Homology (Eh) Domain-Based Interaction between Eps15 and Hrb Connects the Molecular Machinery of Endocytosis to That of Nucleocytosolic Transport. Journal of Cell Biology, 1999, 147, 1379-1384.	5.2	48
152	High Data Output and Automated 3D Correlative Lightâ€“Electron Microscopy Method. Traffic, 2008, 9, 1828-1838.	2.7	48
153	Prognostic Implications of Numb Immunoreactivity in Salivary Gland Carcinomas. International Journal of Immunopathology and Pharmacology, 2007, 20, 779-789.	2.1	47
154	The Primate-specific Protein TBC1D3 Is Required for Optimal Macropinocytosis in a Novel ARF6-dependent Pathway. Molecular Biology of the Cell, 2008, 19, 1304-1316.	2.1	47
155	Cell fate-specific regulation of EGF receptor trafficking during Caenorhabditis elegans vulval development. EMBO Journal, 2006, 25, 2347-2357.	7.8	46
156	The role of non-coding RNAs in the regulation of stem cells and progenitors in the normal mammary gland and in breast tumors. Frontiers in Genetics, 2015, 6, 72.	2.3	44
157	Epithelial-to-Mesenchymal Plasticity Harnesses Endocytic Circuitries. Frontiers in Oncology, 2015, 5, 45.	2.8	43
158	The GTPase-Activating Protein RN-tre Controls Focal Adhesion Turnover and Cell Migration. Current Biology, 2013, 23, 2355-2364.	3.9	42
159	Prep1 (pKnox1)â€deficiency leads to spontaneous tumor development in mice and accelerates EÎ¼Myc lymphomagenesis: A tumor suppressor role for Prep1. Molecular Oncology, 2010, 4, 126-134.	4.6	41
160	The CDC42-Interacting Protein 4 Controls Epithelial Cell Cohesion and Tumor Dissemination. Developmental Cell, 2014, 30, 553-568.	7.0	40
161	Differentiation-associated microRNAs antagonize the Rbâ€“E2F pathway to restrict proliferation. Journal of Cell Biology, 2012, 199, 77-95.	5.2	39
162	Behind the Scenes: Endo/Exocytosis in the Acquisition of Metastatic Traits. Cancer Research, 2017, 77, 1813-1817.	0.9	39

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163	In silico analysis of the EPS8 gene family: genomic organization, expression profile, and protein structure. Genomics, 2003, 81, 234-244.	2.9	38
164	A mos oncogene-containing retrovirus, myeloproliferative sarcoma virus, transforms rat thyroid epithelial cells and irreversibly blocks their differentiation pattern. Journal of Virology, 1985, 56, 284-292.	3.4	37
165	Regulation of the tyrosine kinase substrate Eps8 expression by growth factors, v-Src and terminal differentiation. Oncogene, 1997, 15, 1929-1936.	5.9	36
166	Differential Nucleocytoplasmic Trafficking between the Related Endocytic Proteins Eps15 and Eps15R. Journal of Biological Chemistry, 2002, 277, 8941-8948.	3.4	36
167	An Aggressive Subtype of Stage I Lung Adenocarcinoma with Molecular and Prognostic Characteristics Typical of Advanced Lung Cancers. Clinical Cancer Research, 2017, 23, 62-72.	7.0	36
168	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. EBioMedicine, 2019, 42, 352-362.	6.1	35
169	A potential pathogenetic mechanism for multiple endocrine neoplasia type 2 syndromes involves ret-induced impairment of terminal differentiation of neuroepithelial cells.. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 7933-7937.	7.1	34
170	Eps8, a Tyrosine Kinase Substrate, Is Recruited to the Cell Cortex and Dynamic F-Actin upon Cytoskeleton Remodeling. Experimental Cell Research, 1998, 242, 186-200.	2.6	33
171	Selective high-level expression of epsin 3 in gastric parietal cells, where it is localized at endocytic sites of apical canaliculi. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 21511-21516.	7.1	33
172	Preâ€clinical validation of a selective antiâ€cancer stem cell therapy for Numbâ€deficient human breast cancers. EMBO Molecular Medicine, 2017, 9, 655-671.	6.9	33
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