

Filippo G Giancotti

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

7,774
citations

159585

30
h-index

276875

41
g-index

95
all docs

95
docs citations

95
times ranked

10884
citing authors

#	ARTICLE	IF	CITATIONS
1	Integrin signalling during tumour progression. <i>Nature Reviews Molecular Cell Biology</i> , 2004, 5, 816-826.	37.0	1,317
2	Elevated levels of the $\alpha 5 \beta 1$ fibronectin receptor suppress the transformed phenotype of Chinese hamster ovary cells. <i>Cell</i> , 1990, 60, 849-859.	28.9	781
3	Integrin Signaling in Cancer: Mechanotransduction, Stemness, Epithelial Plasticity, and Therapeutic Resistance. <i>Cancer Cell</i> , 2019, 35, 347-367.	16.8	533
4	Mechanisms Governing Metastatic Dormancy and Reactivation. <i>Cell</i> , 2013, 155, 750-764.	28.9	477
5	$\beta 4$ Integrin Amplifies ErbB2 Signaling to Promote Mammary Tumorigenesis. <i>Cell</i> , 2006, 126, 489-502.	28.9	418
6	The BMP Inhibitor Coco Reactivates Breast Cancer Cells at Lung Metastatic Sites. <i>Cell</i> , 2012, 150, 764-779.	28.9	365
7	Positional Control of Cell Fate Through Joint Integrin/Receptor Protein Kinase Signaling. <i>Annual Review of Cell and Developmental Biology</i> , 2003, 19, 173-206.	9.4	344
8	EGF-R signaling through Fyn kinase disrupts the function of integrin $\alpha 6 \beta 4$ at hemidesmosomes. <i>Journal of Cell Biology</i> , 2001, 155, 447-458.	5.2	303
9	Merlin/NF2 Suppresses Tumorigenesis by Inhibiting the E3 Ubiquitin Ligase CRL4DCAF1 in the Nucleus. <i>Cell</i> , 2010, 140, 477-490.	28.9	287
10	Complexity and specificity of integrin signalling. <i>Nature Cell Biology</i> , 2000, 2, E13-E14.	10.3	225
11	Ras- and PI3K-dependent breast tumorigenesis in mice and humans requires focal adhesion kinase signaling. <i>Journal of Clinical Investigation</i> , 2009, 119, 252-66.	8.2	216
12	Integrin $\beta 4$ signaling promotes tumor angiogenesis. <i>Cancer Cell</i> , 2004, 6, 471-483.	16.8	212
13	Merlin/NF2 Loss-Driven Tumorigenesis Linked to CRL4DCAF1-Mediated Inhibition of the Hippo Pathway Kinases Lats1 and 2 in the Nucleus. <i>Cancer Cell</i> , 2014, 26, 48-60.	16.8	198
14	Multi-organ Site Metastatic Reactivation Mediated by Non-canonical Discoidin Domain Receptor 1 Signaling. <i>Cell</i> , 2016, 166, 47-62.	28.9	194
15	Pericyte-like spreading by disseminated cancer cells activates YAP and MRTF for metastatic colonization. <i>Nature Cell Biology</i> , 2018, 20, 966-978.	10.3	186
16	Merlin/NF-2 mediates contact inhibition of growth by suppressing recruitment of Rac to the plasma membrane. <i>Journal of Cell Biology</i> , 2005, 171, 361-371.	5.2	174
17	Cell cycle and adhesion defects in mice carrying a targeted deletion of the integrin $\beta 4$ cytoplasmic domain. <i>EMBO Journal</i> , 1998, 17, 3940-3951.	7.8	159
18	Molecular insights into $\beta 2$ /Merlin tumor suppressor function. <i>FEBS Letters</i> , 2014, 588, 2743-2752.	2.8	154

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19	Molecular analysis of aggressive renal cell carcinoma with unclassified histology reveals distinct subsets. <i>Nature Communications</i> , 2016, 7, 13131.	12.8	140
20	The Polycomb Repressor Complex 1 Drives Double-Negative Prostate Cancer Metastasis by Coordinating Stemness and Immune Suppression. <i>Cancer Cell</i> , 2019, 36, 139-155.e10.	16.8	131
21	Targeting integrin $\alpha 4$ for cancer and anti-angiogenic therapy. <i>Trends in Pharmacological Sciences</i> , 2007, 28, 506-511.	8.7	119
22	$\beta 2$ Loss Promotes Oncogenic RAS-Induced Thyroid Cancers via YAP-Dependent Transactivation of RAS Proteins and Sensitizes Them to MEK Inhibition. <i>Cancer Discovery</i> , 2015, 5, 1178-1193.	9.4	107
23	Deregulation of cell signaling in cancer. <i>FEBS Letters</i> , 2014, 588, 2558-2570.	2.8	103
24	A Structural View of Integrin Activation and Signaling. <i>Developmental Cell</i> , 2003, 4, 149-151.	7.0	101
25	The Rho GTPase Rnd1 suppresses mammary tumorigenesis and EMT by restraining Ras-MAPK signalling. <i>Nature Cell Biology</i> , 2015, 17, 81-94.	10.3	97
26	$\alpha 4$ Integrin signaling induces expansion of prostate tumor progenitors. <i>Journal of Clinical Investigation</i> , 2013, 123, 682-99.	8.2	74
27	Integrin $\alpha 4$ Signaling Promotes Mammary Tumor Cell Adhesion to Brain Microvascular Endothelium by Inducing ErbB2-Mediated Secretion of VEGF. <i>Annals of Biomedical Engineering</i> , 2011, 39, 2223-2241.	2.5	67
28	Targetable genetic alterations of $\beta 4$ ($\beta 2$) drive immunoglobulin expression in diffuse large B cell lymphoma. <i>Science Translational Medicine</i> , 2019, 11, .	12.4	51
29	$\beta 1$ -integrin as a critical mediator of the hepatic differentiation response to the extracellular matrix. <i>Hepatology</i> , 1998, 28, 1095-1104.	7.3	50
30	Forward genetic screens in mice uncover mediators and suppressors of metastatic reactivation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 16532-16537.	7.1	49
31	Combined Inhibition of NEDD8-Activating Enzyme and mTOR Suppresses $\beta 2$ Loss-Driven Tumorigenesis. <i>Molecular Cancer Therapeutics</i> , 2017, 16, 1693-1704.	4.1	31
32	Clonal Evolution and Epithelial Plasticity in the Emergence of AR-Independent Prostate Carcinoma. <i>Trends in Cancer</i> , 2019, 5, 440-455.	7.4	29
33	Mesenchymal and stem-like prostate cancer linked to therapy-induced lineage plasticity and metastasis. <i>Cell Reports</i> , 2022, 39, 110595.	6.4	25
34	Prostate epithelial genes define therapy-relevant prostate cancer molecular subtype. <i>Prostate Cancer and Prostatic Diseases</i> , 2021, 24, 1080-1092.	3.9	15
35	Phase 0 Clinical Trial of Everolimus in Patients with Vestibular Schwannoma or Meningioma. <i>Molecular Cancer Therapeutics</i> , 2021, 20, 1584-1591.	4.1	11
36	A heterotrimeric SMARCB1-SMARCC2 subcomplex is required for the assembly and tumor suppression function of the BAF chromatin-remodeling complex. <i>Cell Discovery</i> , 2020, 6, 66.	6.7	10

#	ARTICLE	IF	CITATIONS
37	The Hippo pathway mediates Semaphorin signaling. <i>Science Advances</i> , 2022, 8, .	10.3	6
38	Cancer: a new role for non-canonical Hippo signaling. <i>Cell Research</i> , 2017, 27, 459-460.	12.0	4
39	Alan Hall 1952â€“2015. <i>Nature Cell Biology</i> , 2015, 17, 839-840.	10.3	1
40	Adhesion of wild type and integrin signaling defective mammary tumor cells to microvascular endothelium in vivo. <i>FASEB Journal</i> , 2007, 21, A487.	0.5	0