

# Owen J Sansom

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

174  
papers

19,553  
citations

63  
h-index

139  
g-index

196  
ext. papers

23,863  
ext. citations

14.9  
avg, IF

6.14  
L-index

#	Paper	IF	Citations
174	Wnt signaling is boosted during intestinal regeneration by a CD44-positive feedback loop.. <i>Cell Death and Disease</i> , <b>2022</b> , 13, 168	9.8	1
173	Targeting ligand-dependent wnt pathway dysregulation in gastrointestinal cancers through porcupine inhibition.. <i>Pharmacology &amp; Therapeutics</i> , <b>2022</b> , 108179	13.9	3
172	LRG1 destabilizes tumor vessels and restricts immunotherapeutic potency.. <i>Med</i> , <b>2021</b> , 2, 1231-1252.e10	11.7	4
171	Lef1 restricts ectopic crypt formation and tumor cell growth in intestinal adenomas. <i>Science Advances</i> , <b>2021</b> , 7, eabj0512	14.3	0
170	PPAR-gamma induced AKT3 expression increases levels of mitochondrial biogenesis driving prostate cancer. <i>Oncogene</i> , <b>2021</b> , 40, 2355-2366	9.2	16
169	Loss of autophagy affects melanoma development in a manner dependent on PTEN status. <i>Cell Death and Differentiation</i> , <b>2021</b> , 28, 1437-1439	12.7	5
168	CRISPR activation screen in mice identifies novel membrane proteins enhancing pulmonary metastatic colonisation. <i>Communications Biology</i> , <b>2021</b> , 4, 395	6.7	5
167	RAC1B modulates intestinal tumourigenesis via modulation of WNT and EGFR signalling pathways. <i>Nature Communications</i> , <b>2021</b> , 12, 2335	17.4	4
166	Cancer-Associated Fibroblasts in Pancreatic Ductal Adenocarcinoma Determine Response to SLC7A11 Inhibition. <i>Cancer Research</i> , <b>2021</b> , 81, 3461-3479	10.1	15
165	Phenotypic plasticity underlies local invasion and distant metastasis in colon cancer. <i>ELife</i> , <b>2021</b> , 10,	8.9	7
164	Pre-clinical modelling of rectal cancer to develop novel radiotherapy-based treatment strategies. <i>Oncology Reviews</i> , <b>2021</b> , 15, 511	4.3	2
163	Suppression of tumor-associated neutrophils by lorlatinib attenuates pancreatic cancer growth and improves treatment with immune checkpoint blockade. <i>Nature Communications</i> , <b>2021</b> , 12, 3414	17.4	13
162	Oncogenic BRAF, unrestrained by TGFβ receptor signalling, drives right-sided colonic tumorigenesis. <i>Nature Communications</i> , <b>2021</b> , 12, 3464	17.4	5
161	RAL GTPases mediate EGFR-driven intestinal stem cell proliferation and tumourigenesis. <i>ELife</i> , <b>2021</b> , 10,	8.9	4
160	Notch-IGF1 signaling during liver regeneration drives biliary epithelial cell expansion and inhibits hepatocyte differentiation. <i>Science Signaling</i> , <b>2021</b> , 14,	8.8	3
159	NOTUM from Apc-mutant cells biases clonal competition to initiate cancer. <i>Nature</i> , <b>2021</b> , 594, 430-435	50.4	31
158	BCL-XL is crucial for progression through the adenoma-to-carcinoma sequence of colorectal cancer. <i>Cell Death and Differentiation</i> , <b>2021</b> , 28, 3282-3296	12.7	6

157	EPHA2-dependent outcompetition of KRASG12D mutant cells by wild-type neighbors in the adult pancreas. <i>Current Biology</i> , <b>2021</b> , 31, 2550-2560.e5	6.3	10
156	Genetic Screens Identify a Context-Specific PI3K/p27 Node Driving Extrahepatic Biliary Cancer. <i>Cancer Discovery</i> , <b>2021</b> ,	24.4	4
155	The RAC1 Target NCKAP1 Plays a Crucial Role in the Progression of Braf;Pten-Driven Melanoma in Mice. <i>Journal of Investigative Dermatology</i> , <b>2021</b> , 141, 628-637.e15	4.3	2
154	Targeting DNA Damage Response and Replication Stress in Pancreatic Cancer. <i>Gastroenterology</i> , <b>2021</b> , 160, 362-377.e13	13.3	32
153	Aspirin Rescues Wnt-Driven Stem-like Phenotype in Human Intestinal Organoids and Increases the Wnt Antagonist Dickkopf-1. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , <b>2021</b> , 11, 465-489	7.9	5
152	Expression of R-Spondin 1 in Apc Mice Suppresses Growth of Intestinal Adenomas by Altering Wnt and Transforming Growth Factor Beta Signaling. <i>Gastroenterology</i> , <b>2021</b> , 160, 245-259	13.3	7
151	MNK Inhibition Sensitizes -Mutant Colorectal Cancer to mTORC1 Inhibition by Reducing eIF4E Phosphorylation and c-MYC Expression. <i>Cancer Discovery</i> , <b>2021</b> , 11, 1228-1247	24.4	11
150	Tuning protein synthesis for cancer therapy. <i>Molecular and Cellular Oncology</i> , <b>2021</b> , 8, 1884034	1.2	0
149	Subversion of Niche-Signalling Pathways in Colorectal Cancer: What Makes and Breaks the Intestinal Stem Cell. <i>Cancers</i> , <b>2021</b> , 13,	6.6	8
148	The pathogenesis of mesothelioma is driven by a dysregulated translome. <i>Nature Communications</i> , <b>2021</b> , 12, 4920	17.4	0
147	Optimizing metastatic-cascade-dependent Rac1 targeting in breast cancer: Guidance using optical window intravital FRET imaging. <i>Cell Reports</i> , <b>2021</b> , 36, 109689	10.6	2
146	Intravital imaging technology guides FAK-mediated priming in pancreatic cancer precision medicine according to Merlin status. <i>Science Advances</i> , <b>2021</b> , 7, eabh0363	14.3	5
145	The amino acid transporter SLC7A5 is required for efficient growth of KRAS-mutant colorectal cancer. <i>Nature Genetics</i> , <b>2021</b> , 53, 16-26	36.3	31
144	Serine synthesis pathway inhibition cooperates with dietary serine and glycine limitation for cancer therapy. <i>Nature Communications</i> , <b>2021</b> , 12, 366	17.4	31
143	A RAC-GEF network critical for early intestinal tumourigenesis. <i>Nature Communications</i> , <b>2021</b> , 12, 56	17.4	7
142	Translation initiation in cancer at a glance. <i>Journal of Cell Science</i> , <b>2021</b> , 134,	5.3	6
141	RALB GTPase: a critical regulator of DR5 expression and TRAIL sensitivity in KRAS mutant colorectal cancer. <i>Cell Death and Disease</i> , <b>2020</b> , 11, 930	9.8	8
140	Universal Sample Preparation Unlocking Multimodal Molecular Tissue Imaging. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 11080-11088	7.8	28

139	MCL1 Is Required for Maintenance of Intestinal Homeostasis and Prevention of Carcinogenesis in Mice. <i>Gastroenterology</i> , <b>2020</b> , 159, 183-199	13.3	11
138	Repression of the Type I Interferon Pathway Underlies MYC- and KRAS-Dependent Evasion of NK and B Cells in Pancreatic Ductal Adenocarcinoma. <i>Cancer Discovery</i> , <b>2020</b> , 10, 872-887	24.4	42
137	Macropinocytosis Renders a Subset of Pancreatic Tumor Cells Resistant to mTOR Inhibition. <i>Cell Reports</i> , <b>2020</b> , 30, 2729-2742.e4	10.6	14
136	Non-canonical Wnt signalling regulates scarring in biliary disease via the planar cell polarity receptors. <i>Nature Communications</i> , <b>2020</b> , 11, 445	17.4	15
135	Extensive rewiring of the EGFR network in colorectal cancer cells expressing transforming levels of KRAS. <i>Nature Communications</i> , <b>2020</b> , 11, 499	17.4	17
134	Activation of $\beta$ Catenin Cooperates with Loss of Pten to Drive AR-Independent Castration-Resistant Prostate Cancer. <i>Cancer Research</i> , <b>2020</b> , 80, 576-590	10.1	10
133	WNT and $\beta$ Catenin in Cancer: Genes and Therapy. <i>Annual Review of Cancer Biology</i> , <b>2020</b> , 4, 177-196	13.3	21
132	Calorie Restriction Increases the Number of Competing Stem Cells and Decreases Mutation Retention in the Intestine. <i>Cell Reports</i> , <b>2020</b> , 32, 107937	10.6	15
131	Age-associated mitochondrial DNA mutations cause metabolic remodelling that contributes to accelerated intestinal tumorigenesis. <i>Nature Cancer</i> , <b>2020</b> , 1, 976-989	15.4	24
130	Control of translation elongation in health and disease. <i>DMM Disease Models and Mechanisms</i> , <b>2020</b> , 13,	4.1	30
129	Epithelial NOTCH Signaling Rewires the Tumor Microenvironment of Colorectal Cancer to Drive Poor-Prognosis Subtypes and Metastasis. <i>Cancer Cell</i> , <b>2019</b> , 36, 319-336.e7	24.3	135
128	Hypoxic cancer-associated fibroblasts increase NCBP2-AS2/HIAR to promote endothelial sprouting through enhanced VEGF signaling. <i>Science Signaling</i> , <b>2019</b> , 12,	8.8	45
127	A novel tankyrase inhibitor, MSC2504877, enhances the effects of clinical CDK4/6 inhibitors. <i>Scientific Reports</i> , <b>2019</b> , 9, 201	4.9	28
126	Non-canonical HIF-1 stabilization contributes to intestinal tumorigenesis. <i>Oncogene</i> , <b>2019</b> , 38, 5670-5685.2	5.2	13
125	RAL GTPases Drive Intestinal Stem Cell Function and Regeneration through Internalization of WNT Signalosomes. <i>Cell Stem Cell</i> , <b>2019</b> , 24, 592-607.e7	18	22
124	Brf1 loss and not overexpression disrupts tissues homeostasis in the intestine, liver and pancreas. <i>Cell Death and Differentiation</i> , <b>2019</b> , 26, 2535-2550	12.7	5
123	CAF hierarchy driven by pancreatic cancer cell p53-status creates a pro-metastatic and chemoresistant environment via perlecan. <i>Nature Communications</i> , <b>2019</b> , 10, 3637	17.4	100
122	A MYC-GCN2-eIF2 $\beta$ negative feedback loop limits protein synthesis to prevent MYC-dependent apoptosis in colorectal cancer. <i>Nature Cell Biology</i> , <b>2019</b> , 21, 1413-1424	23.4	31

121	mTORC1 activity is essential for erythropoiesis and B cell lineage commitment. <i>Scientific Reports</i> , <b>2019</b> , 9, 16917	4.9	3
120	Loss of BCL9/9l suppresses Wnt driven tumourigenesis in models that recapitulate human cancer. <i>Nature Communications</i> , <b>2019</b> , 10, 723	17.4	41
119	AKT/mTORC2 Inhibition Activates FOXO1 Function in CLL Cells Reducing B-Cell Receptor-Mediated Survival. <i>Clinical Cancer Research</i> , <b>2019</b> , 25, 1574-1587	12.9	9
118	Preclinical Evaluation of AZ12601011 and AZ12799734, Inhibitors of Transforming Growth Factor Superfamily Type 1 Receptors. <i>Molecular Pharmacology</i> , <b>2019</b> , 95, 222-234	4.3	10
117	Activation of PP2A and Inhibition of mTOR Synergistically Reduce MYC Signaling and Decrease Tumor Growth in Pancreatic Ductal Adenocarcinoma. <i>Cancer Research</i> , <b>2019</b> , 79, 209-219	10.1	32
116	Patient-derived organoids model treatment response of metastatic gastrointestinal cancers. <i>Science</i> , <b>2018</b> , 359, 920-926	33.3	712
115	Loss of N-WASP drives early progression in an Apc model of intestinal tumourigenesis. <i>Journal of Pathology</i> , <b>2018</b> , 245, 337-348	9.4	6
114	Role of Wnt signalling in advanced prostate cancer. <i>Journal of Pathology</i> , <b>2018</b> , 245, 3-5	9.4	11
113	CSF1R Macrophages Sustain Pancreatic Tumor Growth through T Cell Suppression and Maintenance of Key Gene Programs that Define the Squamous Subtype. <i>Cell Reports</i> , <b>2018</b> , 23, 1448-1460	10.6	105
112	Sprouty2 loss-induced IL6 drives castration-resistant prostate cancer through scavenger receptor B1. <i>EMBO Molecular Medicine</i> , <b>2018</b> , 10,	12	13
111	Wnt ligands influence tumour initiation by controlling the number of intestinal stem cells. <i>Nature Communications</i> , <b>2018</b> , 9, 1132	17.4	37
110	Tailored first-line and second-line CDK4-targeting treatment combinations in mouse models of pancreatic cancer. <i>Gut</i> , <b>2018</b> , 67, 2142-2155	19.2	71
109	GPR55 signalling promotes proliferation of pancreatic cancer cells and tumour growth in mice, and its inhibition increases effects of gemcitabine. <i>Oncogene</i> , <b>2018</b> , 37, 6368-6382	9.2	53
108	FGFR3 mutation increases bladder tumourigenesis by suppressing acute inflammation. <i>Journal of Pathology</i> , <b>2018</b> , 246, 331-343	9.4	17
107	Cancer cell adaptation to hypoxia involves a HIF-GPRC5A-YAP axis. <i>EMBO Molecular Medicine</i> , <b>2018</b> , 10,	12	47
106	TGFβ inhibition restores a regenerative response in acute liver injury by suppressing paracrine senescence. <i>Science Translational Medicine</i> , <b>2018</b> , 10,	17.5	94
105	Mannose impairs tumour growth and enhances chemotherapy. <i>Nature</i> , <b>2018</b> , 563, 719-723	50.4	152
104	Systems level expression correlation of Ras GTPase regulators. <i>Cell Communication and Signaling</i> , <b>2018</b> , 16, 46	7.5	3

103	The role of mTOR-mediated signals during haemopoiesis and lineage commitment. <i>Biochemical Society Transactions</i> , <b>2018</b> , 46, 1313-1324	5.1	7
102	STEF/TIAM2-mediated Rac1 activity at the nuclear envelope regulates the perinuclear actin cap. <i>Nature Communications</i> , <b>2018</b> , 9, 2124	17.4	26
101	MiR-142-3p is downregulated in aggressive p53 mutant mouse models of pancreatic ductal adenocarcinoma by hypermethylation of its locus. <i>Cell Death and Disease</i> , <b>2018</b> , 9, 644	9.8	14
100	Intestinal Stem Cell Dynamics: A Story of Mice and Humans. <i>Cell Stem Cell</i> , <b>2018</b> , 22, 785-787	18	3
99	HUWE1 is a critical colonic tumour suppressor gene that prevents MYC signalling, DNA damage accumulation and tumour initiation. <i>EMBO Molecular Medicine</i> , <b>2017</b> , 9, 181-197	12	46
98	The senescence-associated secretory phenotype induces cellular plasticity and tissue regeneration. <i>Genes and Development</i> , <b>2017</b> , 31, 172-183	12.6	306
97	Genetic dissection of colorectal cancer progression by orthotopic transplantation of engineered cancer organoids. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, E2357-E2364	11.5	130
96	PTEN deficiency permits the formation of pancreatic cancer in the absence of autophagy. <i>Cell Death and Differentiation</i> , <b>2017</b> , 24, 1303-1304	12.7	13
95	TIAM1 Antagonizes TAZ/YAP Both in the Destruction Complex in the Cytoplasm and in the Nucleus to Inhibit Invasion of Intestinal Epithelial Cells. <i>Cancer Cell</i> , <b>2017</b> , 31, 621-634.e6	24.3	51
94	Modulating the therapeutic response of tumours to dietary serine and glycine starvation. <i>Nature</i> , <b>2017</b> , 544, 372-376	50.4	265
93	TGF $\beta$ pathway limits dedifferentiation following WNT and MAPK pathway activation to suppress intestinal tumourigenesis. <i>Cell Death and Differentiation</i> , <b>2017</b> , 24, 1681-1693	12.7	30
92	Transient tissue priming via ROCK inhibition uncouples pancreatic cancer progression, sensitivity to chemotherapy, and metastasis. <i>Science Translational Medicine</i> , <b>2017</b> , 9,	17.5	159
91	Phosphorylation of Rab-coupling protein by LMTK3 controls Rab14-dependent EphA2 trafficking to promote cell:cell repulsion. <i>Nature Communications</i> , <b>2017</b> , 8, 14646	17.4	31
90	Genome-wide in vivo screen identifies novel host regulators of metastatic colonization. <i>Nature</i> , <b>2017</b> , 541, 233-236	50.4	141
89	The Wae to repair: prostaglandin E2 (PGE2) triggers intestinal wound repair. <i>EMBO Journal</i> , <b>2017</b> , 36, 3-4	13	2
88	PD-L1 blockade enhances response of pancreatic ductal adenocarcinoma to radiotherapy. <i>EMBO Molecular Medicine</i> , <b>2017</b> , 9, 167-180	12	112
87	Analysis of Nkx3.1:Cre-driven Erk5 deletion reveals a profound spinal deformity which is linked to increased osteoclast activity. <i>Scientific Reports</i> , <b>2017</b> , 7, 13241	4.9	6
86	A RhoA-FRET Biosensor Mouse for Intravital Imaging in Normal Tissue Homeostasis and Disease Contexts. <i>Cell Reports</i> , <b>2017</b> , 21, 274-288	10.6	65

85	MYC regulates ductal-neuroendocrine lineage plasticity in pancreatic ductal adenocarcinoma associated with poor outcome and chemoresistance. <i>Nature Communications</i> , <b>2017</b> , 8, 1728	17.4	44
84	Hypermethylation In Pancreatic Cancer. <i>Gastroenterology</i> , <b>2017</b> , 152, 68-74.e2	13.3	130
83	Intestinal stem cell overproliferation resulting from inactivation of the APC tumor suppressor requires the transcription cofactors Earthbound and Erect wing. <i>PLoS Genetics</i> , <b>2017</b> , 13, e1006870	6	12
82	The initiator methionine tRNA drives cell migration and invasion leading to increased metastatic potential in melanoma. <i>Biology Open</i> , <b>2016</b> , 5, 1371-1379	2.2	29
81	mTORC2 Signaling Drives the Development and Progression of Pancreatic Cancer. <i>Cancer Research</i> , <b>2016</b> , 76, 6911-6923	10.1	49
80	Inactivation of TGF $\beta$ receptors in stem cells drives cutaneous squamous cell carcinoma. <i>Nature Communications</i> , <b>2016</b> , 7, 12493	17.4	63
79	CXCR2 Inhibition Profoundly Suppresses Metastases and Augments Immunotherapy in Pancreatic Ductal Adenocarcinoma. <i>Cancer Cell</i> , <b>2016</b> , 29, 832-845	24.3	442
78	The Initiator Methionine tRNA Drives Secretion of Type II Collagen from Stromal Fibroblasts to Promote Tumor Growth and Angiogenesis. <i>Current Biology</i> , <b>2016</b> , 26, 755-65	6.3	44
77	Opposing effects of TIGAR- and RAC1-derived ROS on Wnt-driven proliferation in the mouse intestine. <i>Genes and Development</i> , <b>2016</b> , 30, 52-63	12.6	62
76	Intravital FRAP Imaging using an E-cadherin-GFP Mouse Reveals Disease- and Drug-Dependent Dynamic Regulation of Cell-Cell Junctions in Live Tissue. <i>Cell Reports</i> , <b>2016</b> , 14, 152-167	10.6	42
75	Genomic analyses identify molecular subtypes of pancreatic cancer. <i>Nature</i> , <b>2016</b> , 531, 47-52	50.4	1785
74	Sleeping Beauty screen reveals Pparg activation in metastatic prostate cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, 8290-5	11.5	60
73	Functional exploration of colorectal cancer genomes using Drosophila. <i>Nature Communications</i> , <b>2016</b> , 7, 13615	17.4	42
72	Loss of P53 Function Activates JAK2-STAT3 Signaling to Promote Pancreatic Tumor Growth, Stroma Modification, and Gemcitabine Resistance in Mice and Is Associated With Patient Survival. <i>Gastroenterology</i> , <b>2016</b> , 151, 180-193.e12	13.3	157
71	Notch3 drives development and progression of cholangiocarcinoma. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, 12250-12255	11.5	50
70	Mouse models of intestinal cancer. <i>Journal of Pathology</i> , <b>2016</b> , 238, 141-51	9.4	85
69	Frizzled7 functions as a Wnt receptor in intestinal epithelial Lgr5(+) stem cells. <i>Stem Cell Reports</i> , <b>2015</b> , 4, 759-67	8	86
68	Hepatic progenitor cells of biliary origin with liver repopulation capacity. <i>Nature Cell Biology</i> , <b>2015</b> , 17, 971-983	23.4	287

67	Targeting Translation Initiation Bypasses Signaling Crosstalk Mechanisms That Maintain High MYC Levels in Colorectal Cancer. <i>Cancer Discovery</i> , <b>2015</b> , 5, 768-781	24.4	66
66	GEMMs as preclinical models for testing pancreatic cancer therapies. <i>DMM Disease Models and Mechanisms</i> , <b>2015</b> , 8, 1185-200	4.1	70
65	A caveolin-dependent and PI3K/AKT-independent role of PTEN in $\beta$ -catenin transcriptional activity. <i>Nature Communications</i> , <b>2015</b> , 6, 8093	17.4	52
64	Serine 62-Phosphorylated MYC Associates with Nuclear Lamins and Its Regulation by CIP2A Is Essential for Regenerative Proliferation. <i>Cell Reports</i> , <b>2015</b> , 12, 1019-31	10.6	37
63	Aberrant epithelial GREM1 expression initiates colonic tumorigenesis from cells outside the stem cell niche. <i>Nature Medicine</i> , <b>2015</b> , 21, 62-70	50.5	163
62	mTORC1-mediated translational elongation limits intestinal tumour initiation and growth. <i>Nature</i> , <b>2015</b> , 517, 497-500	50.4	190
61	E-cadherin can limit the transforming properties of activating $\beta$ -catenin mutations. <i>EMBO Journal</i> , <b>2015</b> , 34, 2321-33	13	63
60	Targeting the LOX/hypoxia axis reverses many of the features that make pancreatic cancer deadly: inhibition of LOX abrogates metastasis and enhances drug efficacy. <i>EMBO Molecular Medicine</i> , <b>2015</b> , 7, 1063-76	12	172
59	WNT signaling drives cholangiocarcinoma growth and can be pharmacologically inhibited. <i>Journal of Clinical Investigation</i> , <b>2015</b> , 125, 1269-85	15.9	151
58	Integrated $\beta$ -catenin, BMP, PTEN, and Notch signalling patterns the nephron. <i>ELife</i> , <b>2015</b> , 3, e04000	8.9	60
57	Endogenous c-Myc is essential for p53-induced apoptosis in response to DNA damage in vivo. <i>Cell Death and Differentiation</i> , <b>2014</b> , 21, 956-66	12.7	66
56	Activation and repression by oncogenic MYC shape tumour-specific gene expression profiles. <i>Nature</i> , <b>2014</b> , 511, 483-7	50.4	302
55	c-Src drives intestinal regeneration and transformation. <i>EMBO Journal</i> , <b>2014</b> , 33, 1474-91	13	49
54	Functions of TAp63 and p53 in restraining the development of metastatic cancer. <i>Oncogene</i> , <b>2014</b> , 33, 3325-33	9.2	28
53	Fibroblast growth factor receptor 3 activation plays a causative role in urothelial cancer pathogenesis in cooperation with Pten loss in mice. <i>Journal of Pathology</i> , <b>2014</b> , 233, 148-58	9.4	20
52	Targeting mTOR dependency in pancreatic cancer. <i>Gut</i> , <b>2014</b> , 63, 1481-9	19.2	93
51	PROX1 promotes metabolic adaptation and fuels outgrowth of Wnt(high) metastatic colon cancer cells. <i>Cell Reports</i> , <b>2014</b> , 8, 1957-1973	10.6	51
50	The Rac-FRET mouse reveals tight spatiotemporal control of Rac activity in primary cells and tissues. <i>Cell Reports</i> , <b>2014</b> , 6, 1153-1164	10.6	70



49	Fascin is regulated by slug, promotes progression of pancreatic cancer in mice, and is associated with patient outcomes. <i>Gastroenterology</i> , <b>2014</b> , 146, 1386-96.e1-17	13.3	83
48	p53 status determines the role of autophagy in pancreatic tumour development. <i>Nature</i> , <b>2013</b> , 504, 296-300	50.4	498
47	Intestinal tumorigenesis initiated by dedifferentiation and acquisition of stem-cell-like properties. <i>Cell</i> , <b>2013</b> , 152, 25-38	56.2	723
46	Senescence sensitivity of breast cancer cells is defined by positive feedback loop between CIP2A and E2F1. <i>Cancer Discovery</i> , <b>2013</b> , 3, 182-97	24.4	90
45	A complex secretory program orchestrated by the inflammasome controls paracrine senescence. <i>Nature Cell Biology</i> , <b>2013</b> , 15, 978-90	23.4	1070
44	ROS production and NF- $\kappa$ B activation triggered by RAC1 facilitate WNT-driven intestinal stem cell proliferation and colorectal cancer initiation. <i>Cell Stem Cell</i> , <b>2013</b> , 12, 761-73	18	282
43	Rac1 drives intestinal stem cell proliferation and regeneration. <i>Cell Cycle</i> , <b>2013</b> , 12, 2973-7	4.7	21
42	Mutant p53 enhances MET trafficking and signalling to drive cell scattering and invasion. <i>Oncogene</i> , <b>2013</b> , 32, 1252-65	9.2	144
41	Bone marrow injection stimulates hepatic ductular reactions in the absence of injury via macrophage-mediated TWEAK signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, 6542-7	11.5	118
40	Sprouty2, PTEN, and PP2A interact to regulate prostate cancer progression. <i>Journal of Clinical Investigation</i> , <b>2013</b> , 123, 1157-75	15.9	66
39	The Lgr5 intestinal stem cell signature: robust expression of proposed quiescent R4R cell markers. <i>EMBO Journal</i> , <b>2012</b> , 31, 3079-91	13	523
38	Macrophage-derived Wnt opposes Notch signaling to specify hepatic progenitor cell fate in chronic liver disease. <i>Nature Medicine</i> , <b>2012</b> , 18, 572-9	50.5	538
37	SPRY2 loss enhances ErbB trafficking and PI3K/AKT signalling to drive human and mouse prostate carcinogenesis. <i>EMBO Molecular Medicine</i> , <b>2012</b> , 4, 776-90	12	35
36	Wnt signalling and its role in stem cell-driven intestinal regeneration and hyperplasia. <i>Acta Physiologica</i> , <b>2012</b> , 204, 137-43	5.6	31
35	Activated mutant NRas(Q61K) drives aberrant melanocyte signaling, survival, and invasiveness via a Rac1-dependent mechanism. <i>Journal of Investigative Dermatology</i> , <b>2012</b> , 132, 2610-21	4.3	49
34	Exploring molecular genetics of bladder cancer: lessons learned from mouse models. <i>DMM Disease Models and Mechanisms</i> , <b>2012</b> , 5, 323-32	4.1	34
33	MicroRNA molecular profiles associated with diagnosis, clinicopathologic criteria, and overall survival in patients with resectable pancreatic ductal adenocarcinoma. <i>Clinical Cancer Research</i> , <b>2012</b> , 18, 534-45	12.9	173
32	Inhibition of CXCR2 profoundly suppresses inflammation-driven and spontaneous tumorigenesis. <i>Journal of Clinical Investigation</i> , <b>2012</b> , 122, 3127-44	15.9	254

31	Absolute requirement for STAT3 function in small-intestine crypt stem cell survival. <i>Cell Death and Differentiation</i> , <b>2011</b> , 18, 1934-43	12.7	47
30	Rac1 drives melanoblast organization during mouse development by orchestrating pseudopod-driven motility and cell-cycle progression. <i>Developmental Cell</i> , <b>2011</b> , 21, 722-34	10.2	85
29	Activation of the PIK3CA/AKT pathway suppresses senescence induced by an activated RAS oncogene to promote tumorigenesis. <i>Molecular Cell</i> , <b>2011</b> , 42, 36-49	17.6	157
28	Mutant K-Ras activation of the proapoptotic MST2 pathway is antagonized by wild-type K-Ras. <i>Molecular Cell</i> , <b>2011</b> , 44, 893-906	17.6	105
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23	Defining the role of APC in the mitotic spindle checkpoint in vivo: APC-deficient cells are resistant to Taxol. <i>Oncogene</i> , <b>2010</b> , 29, 6418-27	9.2	26
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21	Cyclin D2-cyclin-dependent kinase 4/6 is required for efficient proliferation and tumorigenesis following Apc loss. <i>Cancer Research</i> , <b>2010</b> , 70, 8149-58	10.1	59
20	Mutant p53 drives metastasis and overcomes growth arrest/senescence in pancreatic cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2010</b> , 107, 246-51	11.5	428
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16	Tiam1-Rac signaling counteracts Eg5 during bipolar spindle assembly to facilitate chromosome congression. <i>Current Biology</i> , <b>2010</b> , 20, 669-75	6.3	44
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12	Mutant p53 drives invasion by promoting integrin recycling. <i>Cell</i> , <b>2009</b> , 139, 1327-41	56.2	600
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2	Cancer-associated fibroblasts in pancreatic ductal adenocarcinoma determine response to SLC7A11 inhibition		1
1	Non-canonical HIF-1 stabilization is essential for intestinal tumorigenesis		1