Owen J Sansom

List of Publications by Citations

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	Genomic analyses identify molecular subtypes of pancreatic cancer. *Nature*, **2016**, 531, 47-52	50.4	1785
173	Crypt stem cells as the cells-of-origin of intestinal cancer. *Nature*, **2009**, 457, 608-11	50.4	1573
172	A complex secretory program orchestrated by the inflammasome controls paracrine senescence. *Nature Cell Biology*, **2013**, 15, 978-90	23.4	1070
171	Intestinal tumorigenesis initiated by dedifferentiation and acquisition of stem-cell-like properties. *Cell*, **2013**, 152, 25-38	56.2	723
170	Patient-derived organoids model treatment response of metastatic gastrointestinal cancers. *Science*, **2018**, 359, 920-926	33.3	712
169	Loss of Apc in vivo immediately perturbs Wnt signaling, differentiation, and migration. *Genes and Development*, **2004**, 18, 1385-90	12.6	616
168	Mutant p53 drives invasion by promoting integrin recycling. *Cell*, **2009**, 139, 1327-41	56.2	600
167	Macrophage-derived Wnt opposes Notch signaling to specify hepatic progenitor cell fate in chronic liver disease. *Nature Medicine*, **2012**, 18, 572-9	50.5	538
166	The Lgr5 intestinal stem cell signature: robust expression of proposed quiescent +4 cell markers. *EMBO Journal*, **2012**, 31, 3079-91	13	523
165	p53 status determines the role of autophagy in pancreatic tumour development. *Nature*, **2013**, 504, 296-300	50.4	498
164	Myc deletion rescues Apc deficiency in the small intestine. *Nature*, **2007**, 446, 676-9	50.4	477
163	CXCR2 Inhibition Profoundly Suppresses Metastases and Augments Immunotherapy in Pancreatic Ductal Adenocarcinoma. *Cancer Cell*, **2016**, 29, 832-845	24.3	442
162	Mutant p53 drives metastasis and overcomes growth arrest/senescence in pancreatic cancer. *Proceedings of the National Academy of Sciences of the United States of America*, **2010**, 107, 246-51	11.5	428
161	The senescence-associated secretory phenotype induces cellular plasticity and tissue regeneration. *Genes and Development*, **2017**, 31, 172-183	12.6	306
160	Activation and repression by oncogenic MYC shape tumour-specific gene expression profiles. *Nature*, **2014**, 511, 483-7	50.4	302
159	Inducible Cre-mediated control of gene expression in the murine gastrointestinal tract: effect of loss of beta-catenin. *Gastroenterology*, **2004**, 126, 1236-46	13.3	288
158	Hepatic progenitor cells of biliary origin with liver repopulation capacity. *Nature Cell Biology*, **2015**, 17, 971-983	23.4	287

157	ROS production and NF-B activation triggered by RAC1 facilitate WNT-driven intestinal stem cell proliferation and colorectal cancer initiation. *Cell Stem Cell*, **2013**, 12, 761-73	18	282
156	Modulating the therapeutic response of tumours to dietary serine and glycine starvation. *Nature*, **2017**, 544, 372-376	50.4	265
155	Inhibition of CXCR2 profoundly suppresses inflammation-driven and spontaneous tumorigenesis. *Journal of Clinical Investigation*, **2012**, 122, 3127-44	15.9	254
154	Rapid loss of intestinal crypts upon conditional deletion of the Wnt/Tcf-4 target gene c-Myc. *Molecular and Cellular Biology*, **2006**, 26, 8418-26	4.8	207
153	mTORC1-mediated translational elongation limits intestinal tumour initiation and growth. *Nature*, **2015**, 517, 497-500	50.4	190
152	MicroRNA molecular profiles associated with diagnosis, clinicopathologic criteria, and overall survival in patients with resectable pancreatic ductal adenocarcinoma. *Clinical Cancer Research*, **2012**, 18, 534-45	12.9	173
151	Targeting the LOX/hypoxia axis reverses many of the features that make pancreatic cancer deadly: inhibition of LOX abrogates metastasis and enhances drug efficacy. *EMBO Molecular Medicine*, **2015**, 7, 1063-76	12	172
150	Aberrant epithelial GREM1 expression initiates colonic tumorigenesis from cells outside the stem cell niche. *Nature Medicine*, **2015**, 21, 62-70	50.5	163
149	Transient tissue priming via ROCK inhibition uncouples pancreatic cancer progression, sensitivity to chemotherapy, and metastasis. *Science Translational Medicine*, **2017**, 9,	17.5	159
148	Activation of the PIK3CA/AKT pathway suppresses senescence induced by an activated RAS oncogene to promote tumorigenesis. *Molecular Cell*, **2011**, 42, 36-49	17.6	157
147	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. *Gastroenterology*, **2016**, 151, 180-193.e12	13.3	157
146	Loss of Apc allows phenotypic manifestation of the transforming properties of an endogenous K-ras oncogene in vivo. *Proceedings of the National Academy of Sciences of the United States of America*, **2006**, 103, 14122-7	11.5	153
145	Mannose impairs tumour growth and enhances chemotherapy. *Nature*, **2018**, 563, 719-723	50.4	152
144	WNT signaling drives cholangiocarcinoma growth and can be pharmacologically inhibited. *Journal of Clinical Investigation*, **2015**, 125, 1269-85	15.9	151
143	Focal adhesion kinase is required for intestinal regeneration and tumorigenesis downstream of Wnt/c-Myc signaling. *Developmental Cell*, **2010**, 19, 259-69	10.2	149
142	Mutant p53 enhances MET trafficking and signalling to drive cell scattering and invasion. *Oncogene*, **2013**, 32, 1252-65	9.2	144
141	Genome-wide in vivo screen identifies novel host regulators of metastatic colonization. *Nature*, **2017**, 541, 233-236	50.4	141
140	Epithelial NOTCH Signaling Rewires the Tumor Microenvironment of Colorectal Cancer to Drive Poor-Prognosis Subtypes and Metastasis. *Cancer Cell*, **2019**, 36, 319-336.e7	24.3	135

139	P-Rex1 is required for efficient melanoblast migration and melanoma metastasis. *Nature Communications*, **2011**, 2, 555	17.4	132
138	Genetic dissection of colorectal cancer progression by orthotopic transplantation of engineered cancer organoids. *Proceedings of the National Academy of Sciences of the United States of America*, **2017**, 114, E2357-E2364	11.5	130
137	Hypermutation In Pancreatic Cancer. *Gastroenterology*, **2017**, 152, 68-74.e2	13.3	130
136	Bone marrow injection stimulates hepatic ductular reactions in the absence of injury via macrophage-mediated TWEAK signaling. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, 6542-7	11.5	118
135	Spatial regulation of RhoA activity during pancreatic cancer cell invasion driven by mutant p53. *Cancer Research*, **2011**, 71, 747-57	10.1	118
134	PD-L1 blockade enhances response of pancreatic ductal adenocarcinoma to radiotherapy. *EMBO Molecular Medicine*, **2017**, 9, 167-180	12	112
133	Dasatinib inhibits the development of metastases in a mouse model of pancreatic ductal adenocarcinoma. *Gastroenterology*, **2010**, 139, 292-303	13.3	110
132	CSF1R Macrophages Sustain Pancreatic Tumor Growth through T Cell Suppression and Maintenance of Key Gene Programs that Define the Squamous Subtype. *Cell Reports*, **2018**, 23, 1448-1460	10.6	105
131	Mutant K-Ras activation of the proapoptotic MST2 pathway is antagonized by wild-type K-Ras. *Molecular Cell*, **2011**, 44, 893-906	17.6	105
130	CAF hierarchy driven by pancreatic cancer cell p53-status creates a pro-metastatic and chemoresistant environment via perlecan. *Nature Communications*, **2019**, 10, 3637	17.4	100
129	TGF□inhibition restores a regenerative response in acute liver injury by suppressing paracrine senescence. *Science Translational Medicine*, **2018**, 10,	17.5	94
128	Targeting mTOR dependency in pancreatic cancer. *Gut*, **2014**, 63, 1481-9	19.2	93
127	Senescence sensitivity of breast cancer cells is defined by positive feedback loop between CIP2A and E2F1. *Cancer Discovery*, **2013**, 3, 182-97	24.4	90
126	Epithelial Pten is dispensable for intestinal homeostasis but suppresses adenoma development and progression after Apc mutation. *Nature Genetics*, **2008**, 40, 1436-44	36.3	89
125	Frizzled7 functions as a Wnt receptor in intestinal epithelial Lgr5(+) stem cells. *Stem Cell Reports*, **2015**, 4, 759-67	8	86
124	Rac1 drives melanoblast organization during mouse development by orchestrating pseudopod-driven motility and cell-cycle progression. *Developmental Cell*, **2011**, 21, 722-34	10.2	85
123	Mouse models of intestinal cancer. *Journal of Pathology*, **2016**, 238, 141-51	9.4	85
122	Cyclin D1 is not an immediate target of beta-catenin following Apc loss in the intestine. *Journal of Biological Chemistry*, **2005**, 280, 28463-7	5.4	84

121	Fascin is regulated by slug, promotes progression of pancreatic cancer in mice, and is associated with patient outcomes. *Gastroenterology*, **2014**, 146, 1386-96.e1-17	13.3	83
120	Genetic dissection of differential signaling threshold requirements for the Wnt/beta-catenin pathway in vivo. *PLoS Genetics*, **2010**, 6, e1000816	6	73
119	Tailored first-line and second-line CDK4-targeting treatment combinations in mouse models of pancreatic cancer. *Gut*, **2018**, 67, 2142-2155	19.2	71
118	GEMMs as preclinical models for testing pancreatic cancer therapies. *DMM Disease Models and Mechanisms*, **2015**, 8, 1185-200	4.1	70
117	The Rac-FRET mouse reveals tight spatiotemporal control of Rac activity in primary cells and tissues. *Cell Reports*, **2014**, 6, 1153-1164	10.6	70
116	Targeting Translation Initiation Bypasses Signaling Crosstalk Mechanisms That Maintain High MYC Levels in Colorectal Cancer. *Cancer Discovery*, **2015**, 5, 768-781	24.4	66
115	Endogenous c-Myc is essential for p53-induced apoptosis in response to DNA damage in vivo. *Cell Death and Differentiation*, **2014**, 21, 956-66	12.7	66
114	Sprouty2, PTEN, and PP2A interact to regulate prostate cancer progression. *Journal of Clinical Investigation*, **2013**, 123, 1157-75	15.9	66
113	A RhoA-FRET Biosensor Mouse for Intravital Imaging in Normal Tissue Homeostasis and Disease Contexts. *Cell Reports*, **2017**, 21, 274-288	10.6	65
112	B-catenin deficiency, but not Myc deletion, suppresses the immediate phenotypes of APC loss in the liver. *Proceedings of the National Academy of Sciences of the United States of America*, **2008**, 105, 18919-23	11.5	65
111	Inactivation of TGF□receptors in stem cells drives cutaneous squamous cell carcinoma. *Nature Communications*, **2016**, 7, 12493	17.4	63
110	E-cadherin can limit the transforming properties of activating □catenin mutations. *EMBO Journal*, **2015**, 34, 2321-33	13	63
109	Opposing effects of TIGAR- and RAC1-derived ROS on Wnt-driven proliferation in the mouse intestine. *Genes and Development*, **2016**, 30, 52-63	12.6	62
108	Peptide combinatorial libraries identify TSC2 as a death-associated protein kinase (DAPK) death domain-binding protein and reveal a stimulatory role for DAPK in mTORC1 signaling. *Journal of Biological Chemistry*, **2009**, 284, 334-344	5.4	61
107	Integrated □catenin, BMP, PTEN, and Notch signalling patterns the nephron. *ELife*, **2015**, 3, e04000	8.9	60
106	Sleeping Beauty screen reveals Pparg activation in metastatic prostate cancer. *Proceedings of the National Academy of Sciences of the United States of America*, **2016**, 113, 8290-5	11.5	60
105	Cyclin D2-cyclin-dependent kinase 4/6 is required for efficient proliferation and tumorigenesis following Apc loss. *Cancer Research*, **2010**, 70, 8149-58	10.1	59
104	GPR55 signalling promotes proliferation of pancreatic cancer cells and tumour growth in mice, and its inhibition increases effects of gemcitabine. *Oncogene*, **2018**, 37, 6368-6382	9.2	53

103	A caveolin-dependent and PI3K/AKT-independent role of PTEN in β-catenin transcriptional activity. *Nature Communications*, **2015**, 6, 8093	17.4	52
102	TIAM1 Antagonizes TAZ/YAP Both in the Destruction Complex in the Cytoplasm and in the Nucleus to Inhibit Invasion of Intestinal Epithelial Cells. *Cancer Cell*, **2017**, 31, 621-634.e6	24.3	51
101	PROX1 promotes metabolic adaptation and fuels outgrowth of Wnt(high) metastatic colon cancer cells. *Cell Reports*, **2014**, 8, 1957-1973	10.6	51
100	Notch3 drives development and progression of cholangiocarcinoma. *Proceedings of the National Academy of Sciences of the United States of America*, **2016**, 113, 12250-12255	11.5	50
99	mTORC2 Signaling Drives the Development and Progression of Pancreatic Cancer. *Cancer Research*, **2016**, 76, 6911-6923	10.1	49
98	c-Src drives intestinal regeneration and transformation. *EMBO Journal*, **2014**, 33, 1474-91	13	49
97	Activated mutant NRas(Q61K) drives aberrant melanocyte signaling, survival, and invasiveness via a Rac1-dependent mechanism. *Journal of Investigative Dermatology*, **2012**, 132, 2610-21	4.3	49
96	Cancer cell adaptation to hypoxia involves a HIF-GPRC5A-YAP axis. *EMBO Molecular Medicine*, **2018**, 10,	12	47
95	Absolute requirement for STAT3 function in small-intestine crypt stem cell survival. *Cell Death and Differentiation*, **2011**, 18, 1934-43	12.7	47
94	HER2 overcomes PTEN (loss)-induced senescence to cause aggressive prostate cancer. *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108, 16392-7	11.5	47
93	HUWE1 is a critical colonic tumour suppressor gene that prevents MYC signalling, DNA damage accumulation and tumour initiation. *EMBO Molecular Medicine*, **2017**, 9, 181-197	12	46
92	Hypoxic cancer-associated fibroblasts increase NCBP2-AS2/HIAR to promote endothelial sprouting through enhanced VEGF signaling. *Science Signaling*, **2019**, 12,	8.8	45
91	The Initiator Methionine tRNA Drives Secretion of Type II Collagen from Stromal Fibroblasts to Promote Tumor Growth and Angiogenesis. *Current Biology*, **2016**, 26, 755-65	6.3	44
90	MYC regulates ductal-neuroendocrine lineage plasticity in pancreatic ductal adenocarcinoma associated with poor outcome and chemoresistance. *Nature Communications*, **2017**, 8, 1728	17.4	44
89	Tiam1-Rac signaling counteracts Eg5 during bipolar spindle assembly to facilitate chromosome congression. *Current Biology*, **2010**, 20, 669-75	6.3	44
88	Repression of the Type I Interferon Pathway Underlies MYC- and KRAS-Dependent Evasion of NK and B Cells in Pancreatic Ductal Adenocarcinoma. *Cancer Discovery*, **2020**, 10, 872-887	24.4	42
87	Intravital FRAP Imaging using an E-cadherin-GFP Mouse Reveals Disease- and Drug-Dependent Dynamic Regulation of Cell-Cell Junctions in Live Tissue. *Cell Reports*, **2016**, 14, 152-167	10.6	42
86	Functional exploration of colorectal cancer genomes using Drosophila. *Nature Communications*, **2016**, 7, 13615	17.4	42

85	Loss of BCL9/9l suppresses Wnt driven tumourigenesis in models that recapitulate human cancer. *Nature Communications*, **2019**, 10, 723	17.4	41
84	Serine 62-Phosphorylated MYC Associates with Nuclear Lamins and Its Regulation by CIP2A Is Essential for Regenerative Proliferation. *Cell Reports*, **2015**, 12, 1019-31	10.6	37
83	Wnt ligands influence tumour initiation by controlling the number of intestinal stem cells. *Nature Communications*, **2018**, 9, 1132	17.4	37
82	SPRY2 loss enhances ErbB trafficking and PI3K/AKT signalling to drive human and mouse prostate carcinogenesis. *EMBO Molecular Medicine*, **2012**, 4, 776-90	12	35
81	Myc heterozygosity attenuates the phenotypes of APC deficiency in the small intestine. *Oncogene*, **2010**, 29, 2585-90	9.2	35
80	K-Ras and □catenin mutations cooperate with Fgfr3 mutations in mice to promote tumorigenesis in the skin and lung, but not in the bladder. *DMM Disease Models and Mechanisms*, **2011**, 4, 548-55	4.1	35
79	Exploring molecular genetics of bladder cancer: lessons learned from mouse models. *DMM Disease Models and Mechanisms*, **2012**, 5, 323-32	4.1	34
78	Activation of PP2A and Inhibition of mTOR Synergistically Reduce MYC Signaling and Decrease Tumor Growth in Pancreatic Ductal Adenocarcinoma. *Cancer Research*, **2019**, 79, 209-219	10.1	32
77	Targeting DNA Damage Response and Replication Stress in Pancreatic Cancer. *Gastroenterology*, **2021**, 160, 362-377.e13	13.3	32
76	Phosphorylation of Rab-coupling protein by LMTK3 controls Rab14-dependent EphA2 trafficking to promote cell:cell repulsion. *Nature Communications*, **2017**, 8, 14646	17.4	31
75	A MYC-GCN2-eIF2□negative feedback loop limits protein synthesis to prevent MYC-dependent apoptosis in colorectal cancer. *Nature Cell Biology*, **2019**, 21, 1413-1424	23.4	31
74	Wnt signalling and its role in stem cell-driven intestinal regeneration and hyperplasia. *Acta Physiologica*, **2012**, 204, 137-43	5.6	31
73	NOTUM from Apc-mutant cells biases clonal competition to initiate cancer. *Nature*, **2021**, 594, 430-435	50.4	31
72	The amino acid transporter SLC7A5 is required for efficient growth of KRAS-mutant colorectal cancer. *Nature Genetics*, **2021**, 53, 16-26	36.3	31
71	Serine synthesis pathway inhibition cooperates with dietary serine and glycine limitation for cancer therapy. *Nature Communications*, **2021**, 12, 366	17.4	31
70	TGF□pathway limits dedifferentiation following WNT and MAPK pathway activation to suppress intestinal tumourigenesis. *Cell Death and Differentiation*, **2017**, 24, 1681-1693	12.7	30
69	Control of translation elongation in health and disease. *DMM Disease Models and Mechanisms*, **2020**, 13,	4.1	30
68	The initiator methionine tRNA drives cell migration and invasion leading to increased metastatic potential in melanoma. *Biology Open*, **2016**, 5, 1371-1379	2.2	29

67	p21 loss blocks senescence following Apc loss and provokes tumourigenesis in the renal but not the intestinal epithelium. *EMBO Molecular Medicine*, **2010**, 2, 472-86	12	29
66	A novel tankyrase inhibitor, MSC2504877, enhances the effects of clinical CDK4/6 inhibitors. *Scientific Reports*, **2019**, 9, 201	4.9	28
65	Universal Sample Preparation Unlocking Multimodal Molecular Tissue Imaging. *Analytical Chemistry* , **2020**, 92, 11080-11088	7.8	28
64	Functions of TAp63 and p53 in restraining the development of metastatic cancer. *Oncogene*, **2014**, 33, 3325-33	9.2	28
63	Defining the role of APC in the mitotic spindle checkpoint in vivo: APC-deficient cells are resistant to Taxol. *Oncogene*, **2010**, 29, 6418-27	9.2	26
62	STEF/TIAM2-mediated Rac1 activity at the nuclear envelope regulates the perinuclear actin cap. *Nature Communications*, **2018**, 9, 2124	17.4	26
61	Age-associated mitochondrial DNA mutations cause metabolic remodelling that contributes to accelerated intestinal tumorigenesis. *Nature Cancer*, **2020**, 1, 976-989	15.4	24
60	RAL GTPases Drive Intestinal Stem Cell Function and Regeneration through Internalization of WNT Signalosomes. *Cell Stem Cell*, **2019**, 24, 592-607.e7	18	22
59	Rac1 drives intestinal stem cell proliferation and regeneration. *Cell Cycle*, **2013**, 12, 2973-7	4.7	21
58	Brca2 deficiency in the murine small intestine sensitizes to p53-dependent apoptosis and leads to the spontaneous deletion of stem cells. *Oncogene*, **2005**, 24, 3842-6	9.2	21
57	WNT and Catenin in Cancer: Genes and Therapy. *Annual Review of Cancer Biology*, **2020**, 4, 177-196	13.3	21
56	Fibroblast growth factor receptor 3 activation plays a causative role in urothelial cancer pathogenesis in cooperation with Pten loss in mice. *Journal of Pathology*, **2014**, 233, 148-58	9.4	20
55	Extensive rewiring of the EGFR network in colorectal cancer cells expressing transforming levels of KRAS. *Nature Communications*, **2020**, 11, 499	17.4	17
54	FGFR3 mutation increases bladder tumourigenesis by suppressing acute inflammation. *Journal of Pathology*, **2018**, 246, 331-343	9.4	17
53	PPAR-gamma induced AKT3 expression increases levels of mitochondrial biogenesis driving prostate cancer. *Oncogene*, **2021**, 40, 2355-2366	9.2	16
52	Non-canonical Wnt signalling regulates scarring in biliary disease via the planar cell polarity receptors. *Nature Communications*, **2020**, 11, 445	17.4	15
51	Calorie Restriction Increases the Number of Competing Stem Cells and Decreases Mutation Retention in the Intestine. *Cell Reports*, **2020**, 32, 107937	10.6	15
50	Cancer-Associated Fibroblasts in Pancreatic Ductal Adenocarcinoma Determine Response to SLC7A11 Inhibition. *Cancer Research*, **2021**, 81, 3461-3479	10.1	15

49	Macropinocytosis Renders a Subset of Pancreatic Tumor Cells Resistant to mTOR Inhibition. *Cell Reports*, **2020**, 30, 2729-2742.e4	10.6	14
48	MiR-142-3p is downregulated in aggressive p53 mutant mouse models of pancreatic ductal adenocarcinoma by hypermethylation of its locus. *Cell Death and Disease*, **2018**, 9, 644	9.8	14
47	PTEN deficiency permits the formation of pancreatic cancer in the absence of autophagy. *Cell Death and Differentiation*, **2017**, 24, 1303-1304	12.7	13
46	Non-canonical HIF-1 stabilization contributes to intestinal tumorigenesis. *Oncogene*, **2019**, 38, 5670-5685	9.2	13
45	Sprouty2 loss-induced IL6 drives castration-resistant prostate cancer through scavenger receptor B1. *EMBO Molecular Medicine*, **2018**, 10,	12	13
44	Suppression of tumor-associated neutrophils by lorlatinib attenuates pancreatic cancer growth and improves treatment with immune checkpoint blockade. *Nature Communications*, **2021**, 12, 3414	17.4	13
43	Intestinal stem cell overproliferation resulting from inactivation of the APC tumor suppressor requires the transcription cofactors Earthbound and Erect wing. *PLoS Genetics*, **2017**, 13, e1006870	6	12
42	MCL1 Is Required for Maintenance of Intestinal Homeostasis and Prevention of Carcinogenesis in Mice. *Gastroenterology*, **2020**, 159, 183-199	13.3	11
41	Role of Wnt signalling in advanced prostate cancer. *Journal of Pathology*, **2018**, 245, 3-5	9.4	11
40	MNK Inhibition Sensitizes -Mutant Colorectal Cancer to mTORC1 Inhibition by Reducing eIF4E Phosphorylation and c-MYC Expression. *Cancer Discovery*, **2021**, 11, 1228-1247	24.4	11
39	Activation of Catenin Cooperates with Loss of Pten to Drive AR-Independent Castration-Resistant Prostate Cancer. *Cancer Research*, **2020**, 80, 576-590	10.1	10
38	EPHA2-dependent outcompetition of KRASG12D mutant cells by wild-type neighbors in the adult pancreas. *Current Biology*, **2021**, 31, 2550-2560.e5	6.3	10
37	Preclinical Evaluation of AZ12601011 and AZ12799734, Inhibitors of Transforming Growth Factor Superfamily Type 1 Receptors. *Molecular Pharmacology*, **2019**, 95, 222-234	4.3	10
36	AKT/mTORC2 Inhibition Activates FOXO1 Function in CLL Cells Reducing B-Cell Receptor-Mediated Survival. *Clinical Cancer Research*, **2019**, 25, 1574-1587	12.9	9
35	RALB GTPase: a critical regulator of DR5 expression and TRAIL sensitivity in KRAS mutant colorectal cancer. *Cell Death and Disease*, **2020**, 11, 930	9.8	8
34	Subversion of Niche-Signalling Pathways in Colorectal Cancer: What Makes and Breaks the Intestinal Stem Cell. *Cancers*, **2021**, 13,	6.6	8
33	Phenotypic plasticity underlies local invasion and distant metastasis in colon cancer. *ELife*, **2021**, 10,	8.9	7
32	Expression of R-Spondin 1 in Apc Mice Suppresses Growth of Intestinal Adenomas by Altering Wnt and Transforming Growth Factor Beta Signaling. *Gastroenterology*, **2021**, 160, 245-259	13.3	7

31	The role of mTOR-mediated signals during haemopoiesis and lineage commitment. *Biochemical Society Transactions*, **2018**, 46, 1313-1324	5.1	7
30	A RAC-GEF network critical for early intestinal tumourigenesis. *Nature Communications*, **2021**, 12, 56	17.4	7
29	Analysis of Nkx3.1:Cre-driven Erk5 deletion reveals a profound spinal deformity which is linked to increased osteoclast activity. *Scientific Reports*, **2017**, 7, 13241	4.9	6
28	Loss of N-WASP drives early progression in an Apc model of intestinal tumourigenesis. *Journal of Pathology*, **2018**, 245, 337-348	9.4	6
27	BCL-XL is crucial for progression through the adenoma-to-carcinoma sequence of colorectal cancer. *Cell Death and Differentiation*, **2021**, 28, 3282-3296	12.7	6
26	Translation initiation in cancer at a glance. *Journal of Cell Science*, **2021**, 134,	5.3	6
25	Brf1 loss and not overexpression disrupts tissues homeostasis in the intestine, liver and pancreas. *Cell Death and Differentiation*, **2019**, 26, 2535-2550	12.7	5
24	Loss of autophagy affects melanoma development in a manner dependent on PTEN status. *Cell Death and Differentiation*, **2021**, 28, 1437-1439	12.7	5
23	CRISPR activation screen in mice identifies novel membrane proteins enhancing pulmonary metastatic colonisation. *Communications Biology*, **2021**, 4, 395	6.7	5
22	Oncogenic BRAF, unrestrained by TGF□ receptor signalling, drives right-sided colonic tumorigenesis. *Nature Communications*, **2021**, 12, 3464	17.4	5
21	Aspirin Rescues Wnt-Driven Stem-like Phenotype in Human Intestinal Organoids and Increases the Wnt Antagonist Dickkopf-1. *Cellular and Molecular Gastroenterology and Hepatology*, **2021**, 11, 465-489	7.9	5
20	Intravital imaging technology guides FAK-mediated priming in pancreatic cancer precision medicine according to Merlin status. *Science Advances*, **2021**, 7, eabh0363	14.3	5
19	LRG1 destabilizes tumor vessels and restricts immunotherapeutic potency.. *Med*, **2021**, 2, 1231-1252.e10	31.7	4
18	RAC1B modulates intestinal tumourigenesis via modulation of WNT and EGFR signalling pathways. *Nature Communications*, **2021**, 12, 2335	17.4	4
17	RAL GTPases mediate EGFR-driven intestinal stem cell proliferation and tumourigenesis. *ELife*, **2021**, 10,	8.9	4
16	Genetic Screens Identify a Context-Specific PI3K/p27 Node Driving Extrahepatic Biliary Cancer. *Cancer Discovery*, **2021**,	24.4	4
15	mTORC1 activity is essential for erythropoiesis and B cell lineage commitment. *Scientific Reports*, **2019**, 9, 16917	4.9	3
14	Notch-IGF1 signaling during liver regeneration drives biliary epithelial cell expansion and inhibits hepatocyte differentiation. *Science Signaling*, **2021**, 14,	8.8	3

13	Systems level expression correlation of Ras GTPase regulators. *Cell Communication and Signaling*, **2018**, 16, 46	7.5	3
12	Intestinal Stem Cell Dynamics: A Story of Mice and Humans. *Cell Stem Cell*, **2018**, 22, 785-787	18	3
11	Targeting ligand-dependent wnt pathway dysregulation in gastrointestinal cancers through porcupine inhibition.. *Pharmacology & Therapeutics*, **2022**, 108179	13.9	3
10	The Wae to repair: prostaglandin E2 (PGE2) triggers intestinal wound repair. *EMBO Journal*, **2017**, 36, 3-4	13	2
9	Pre-clinical modelling of rectal cancer to develop novel radiotherapy-based treatment strategies. *Oncology Reviews*, **2021**, 15, 511	4.3	2
8	The RAC1 Target NCKAP1 Plays a Crucial Role in the Progression of Braf;Pten-Driven Melanoma in Mice. *Journal of Investigative Dermatology*, **2021**, 141, 628-637.e15	4.3	2
7	Optimizing metastatic-cascade-dependent Rac1 targeting in breast cancer: Guidance using optical window intravital FRET imaging. *Cell Reports*, **2021**, 36, 109689	10.6	2
6	Cancer-associated fibroblasts in pancreatic ductal adenocarcinoma determine response to SLC7A11 inhibition		1
5	Non-canonical HIF-1 stabilization is essential for intestinal tumorigenesis		1
4	Wnt signaling is boosted during intestinal regeneration by a CD44-positive feedback loop.. *Cell Death and Disease*, **2022**, 13, 168	9.8	1
3	Lef1 restricts ectopic crypt formation and tumor cell growth in intestinal adenomas. *Science Advances*, **2021**, 7, eabj0512	14.3	0
2	Tuning protein synthesis for cancer therapy. *Molecular and Cellular Oncology*, **2021**, 8, 1884034	1.2	0
1	The pathogenesis of mesothelioma is driven by a dysregulated translatome. *Nature Communications*, **2021**, 12, 4920	17.4	0