Hans Clevers

List of Publications by Year in descending order

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615 papers	182,540 citations	31 194 h-index	43 404 g-index
653 all docs	653 docs citations	653 times ranked	116018 citing authors

#	Article	IF	Citations
1	Single Lgr5 stem cells build crypt-villus structures in vitro without a mesenchymal niche. Nature, 2009, 459, 262-265.	27.8	5,339
2	Wnt/Î²-Catenin Signaling in Development and Disease. Cell, 2006, 127, 469-480.	28.9	4,999
3	Identification of stem cells in small intestine and colon by marker gene Lgr5. Nature, 2007, 449, 1003-1007.	27.8	4,753
4	Wnt/Î²-Catenin Signaling and Disease. Cell, 2012, 149, 1192-1205.	28.9	4,658
5	Activation of Î²-Catenin-Tcf Signaling in Colon Cancer by Mutations in Î²-Catenin or APC. Science, 1997, 275, 1787-1790.	12.6	3,686
6	Wnt signalling in stem cells and cancer. Nature, 2005, 434, 843-850.	27.8	3,334
7	Constitutive Transcriptional Activation by a Î²-Catenin-Tcf Complex in APC ^{â^'/â^'} Colon Carcinoma. Science, 1997, 275, 1784-1787.	12.6	3,061
8	Wnt/Î²-Catenin Signaling, Disease, and Emerging Therapeutic Modalities. Cell, 2017, 169, 985-999.	28.9	2,998
9	Long-term Expansion of Epithelial Organoids From Human Colon, Adenoma, Adenocarcinoma, and Barrett's Epithelium. Gastroenterology, 2011, 141, 1762-1772.	1.3	2,835
10	Paneth cells constitute the niche for Lgr5 stem cells in intestinal crypts. Nature, 2011, 469, 415-418.	27.8	2,054
11	Modeling Development and Disease with Organoids. Cell, 2016, 165, 1586-1597.	28.9	2,022
12	The Î²-Catenin/TCF-4 Complex Imposes a Crypt Progenitor Phenotype on Colorectal Cancer Cells. Cell, 2002, 111, 241-250.	28.9	1,897
13	Cancer stem cells revisited. Nature Medicine, 2017, 23, 1124-1134.	30.7	1,895
14	Crypt stem cells as the cells-of-origin of intestinal cancer. Nature, 2009, 457, 608-611.	27.8	1,883
15	XTcf-3 Transcription Factor Mediates Î²-Catenin-Induced Axis Formation in Xenopus Embryos. Cell, 1996, 86, 391-399.	28.9	1,718
16	Prospective Derivation of a Living Organoid Biobank of Colorectal Cancer Patients. Cell, 2015, 161, 933-945.	28.9	1,710
17	The cancer stem cell: premises, promises and challenges. Nature Medicine, 2011, 17, 313-319.	30.7	1,691
18	Intestinal Crypt Homeostasis Results from Neutral Competition between Symmetrically Dividing Lgr5 Stem Cells. Cell, 2010, 143, 134-144.	28.9	1,679

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19	Organoid Models of Human and Mouse Ductal Pancreatic Cancer. Cell, 2015, 160, 324-338.	28.9	1,584
20	Distinct populations of inflammatory fibroblasts and myofibroblasts in pancreatic cancer. Journal of Experimental Medicine, 2017, 214, 579-596.	8.5	1,582
21	The Human Cell Atlas. ELife, 2017, 6, .	6.0	1,547
22	Stem Cells, Self-Renewal, and Differentiation in the Intestinal Epithelium. Annual Review of Physiology, 2009, 71, 241-260.	13.1	1,452
23	Depletion of epithelial stem-cell compartments in the small intestine of mice lacking Tcf-4. Nature Genetics, 1998, 19, 379-383.	21.4	1,441
24	Canonical Wnt Signaling in Differentiated Osteoblasts Controls Osteoclast Differentiation. Developmental Cell, 2005, 8, 751-764.	7.0	1,402
25	Linking Colorectal Cancer to Wnt Signaling. Cell, 2000, 103, 311-320.	28.9	1,386
26	Notch/Î³-secretase inhibition turns proliferative cells in intestinal crypts and adenomas into goblet cells. Nature, 2005, 435, 959-963.	27.8	1,382
27	SARS-CoV-2 productively infects human gut enterocytes. Science, 2020, 369, 50-54.	12.6	1,347
28	Lgr5+ve Stem Cells Drive Self-Renewal in the Stomach and Build Long-Lived Gastric Units In Vitro. Cell Stem Cell, 2010, 6, 25-36.	11.1	1,315
29	In vitro expansion of single Lgr5+ liver stem cells induced by Wnt-driven regeneration. Nature, 2013, 494, 247-250.	27.8	1,239
30	A Living Biobank of Breast Cancer Organoids Captures Disease Heterogeneity. Cell, 2018, 172, 373-386.e10.	28.9	1,201
31	Organoid Cultures Derived from Patients with Advanced Prostate Cancer. Cell, 2014, 159, 176-187.	28.9	1,184
32	Long-Term Culture of Genome-Stable Bipotent Stem Cells from Adult Human Liver. Cell, 2015, 160, 299-312.	28.9	1,166
33	Functional Repair of CFTR by CRISPR/Cas9 in Intestinal Stem Cell Organoids of Cystic Fibrosis Patients. Cell Stem Cell, 2013, 13, 653-658.	11.1	1,149
34	Armadillo Coactivates Transcription Driven by the Product of the Drosophila Segment Polarity Gene dTCF. Cell, 1997, 88, 789-799.	28.9	1,124
35	Coexistence of Quiescent and Active Adult Stem Cells in Mammals. Science, 2010, 327, 542-545.	12.6	1,104
36	Lgr5 homologues associate with Wnt receptors and mediate R-spondin signalling. Nature, 2011, 476, 293-297.	27.8	1,096

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37	Organoids in cancer research. Nature Reviews Cancer, 2018, 18, 407-418.	28.4	1,096
38	Single-cell messenger RNA sequencing reveals rare intestinal cell types. Nature, 2015, 525, 251-255.	27.8	1,091
39	An integral program for tissue renewal and regeneration: Wnt signaling and stem cell control. Science, 2014, 346, 1248012.	12.6	1,060
40	Î²-Catenin and TCF Mediate Cell Positioning in the Intestinal Epithelium by Controlling the Expression of EphB/EphrinB. Cell, 2002, 111, 251-263.	28.9	1,039
41	ACE2 links amino acid malnutrition to microbial ecology and intestinal inflammation. Nature, 2012, 487, 477-481.	27.8	1,035
42	Designer matrices for intestinal stem cell and organoid culture. Nature, 2016, 539, 560-564.	27.8	1,027
43	Lineage Tracing Reveals Lgr5 ⁺ Stem Cell Activity in Mouse Intestinal Adenomas. Science, 2012, 337, 730-735.	12.6	991
44	Growing Self-Organizing Mini-Guts from a Single Intestinal Stem Cell: Mechanism and Applications. Science, 2013, 340, 1190-1194.	12.6	954
45	Negative Feedback Loop of Wnt Signaling through Upregulation of Conductin/Axin2 in Colorectal and Liver Tumors. Molecular and Cellular Biology, 2002, 22, 1184-1193.	2.3	934
46	The Intestinal Crypt, A Prototype Stem Cell Compartment. Cell, 2013, 154, 274-284.	28.9	929
47	Notch1 functions as a tumor suppressor in mouse skin. Nature Genetics, 2003, 33, 416-421.	21.4	902
48	Whole-genome sequencing and comprehensive molecular profiling identify new driver mutations in gastric cancer. Nature Genetics, 2014, 46, 573-582.	21.4	895
49	Intestinal Tumorigenesis Initiated by Dedifferentiation and Acquisition of Stem-Cell-like Properties. Cell, 2013, 152, 25-38.	28.9	889
50	Sequential cancer mutations in cultured human intestinal stem cells. Nature, 2015, 521, 43-47.	27.8	853
51	Lgr5 marks cycling, yet long-lived, hair follicle stem cells. Nature Genetics, 2008, 40, 1291-1299.	21.4	846
52	Canonical Wnt signals are essential for homeostasis of the intestinal epithelium. Genes and Development, 2003, 17, 1709-1713.	5.9	841
53	APC, Signal transduction and genetic instability in colorectal cancer. Nature Reviews Cancer, 2001, 1, 55-67.	28.4	829
54	The Intestinal Stem Cell Signature Identifies Colorectal Cancer Stem Cells and Predicts Disease Relapse. Cell Stem Cell, 2011, 8, 511-524.	11.1	811

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55	A functional CFTR assay using primary cystic fibrosis intestinal organoids. Nature Medicine, 2013, 19, 939-945.	30.7	800
56	Tumour suppressor RNF43 is a stem-cell E3 ligase that induces endocytosis of Wnt receptors. Nature, 2012, 488, 665-669.	27.8	791
57	The T Cell Receptor/CD3 Complex: A Dynamic Protein Ensemble. Annual Review of Immunology, 1988, 6, 629-662.	21.8	761
58	Tissue-specific mutation accumulation in human adult stem cells during life. Nature, 2016, 538, 260-264.	27.8	759
59	Wnt Signaling through Inhibition of Î²-Catenin Degradation in an Intact Axin1 Complex. Cell, 2012, 149, 1245-1256.	28.9	747
60	Loss of Apc in vivo immediately perturbs Wnt signaling, differentiation, and migration. Genes and Development, 2004, 18, 1385-1390.	5.9	700
61	FoxM1 is required for execution of the mitotic programme and chromosome stability. Nature Cell Biology, 2005, 7, 126-136.	10.3	697
62	Lgr6 Marks Stem Cells in the Hair Follicle That Generate All Cell Lineages of the Skin. Science, 2010, 327, 1385-1389.	12.6	692
63	Functional engraftment of colon epithelium expanded in vitro from a single adult Lgr5+ stem cell. Nature Medicine, 2012, 18, 618-623.	30.7	681
64	Organoid Profiling Identifies Common Responders to Chemotherapy in Pancreatic Cancer. Cancer Discovery, 2018, 8, 1112-1129.	9.4	676
65	De Novo Crypt Formation and Juvenile Polyposis on BMP Inhibition in Mouse Intestine. Science, 2004, 303, 1684-1686.	12.6	673
66	Mining the Wnt pathway for cancer therapeutics. Nature Reviews Drug Discovery, 2006, 5, 997-1014.	46.4	670
67	Mutations in the APC tumour suppressor gene cause chromosomal instability. Nature Cell Biology, 2001, 3, 433-438.	10.3	664
68	Single-cell dissection of transcriptional heterogeneity in human colon tumors. Nature Biotechnology, 2011, 29, 1120-1127.	17.5	658
69	Drosophila Tcf and Groucho interact to repress Wingless signalling activity. Nature, 1998, 395, 604-608.	27.8	654
70	Dll1+ secretory progenitor cells revert to stem cells upon crypt damage. Nature Cell Biology, 2012, 14, 1099-1104.	10.3	647
71	Generation of Tumor-Reactive T Cells by Co-culture of Peripheral Blood Lymphocytes and Tumor Organoids. Cell, 2018, 174, 1586-1598.e12.	28.9	644
72	Self-Renewal and Cancer of the Gut: Two Sides of a Coin. Science, 2005, 307, 1904-1909.	12.6	642

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73	The Lgr5 intestinal stem cell signature: robust expression of proposed quiescent â€˜+4â€™ cell markers. EMBO Journal, 2012, 31, 3079-3091.	7.8	634
74	The Xenopus Wnt effector XTcf-3 interacts with Groucho-related transcriptional repressors. Nature, 1998, 395, 608-612.	27.8	619
75	Longâ€term expanding human airway organoids for disease modeling. EMBO Journal, 2019, 38, .	7.8	619
76	Isolation and in vitro expansion of human colonic stem cells. Nature Medicine, 2011, 17, 1225-1227.	30.7	616
77	Transcription Factor Achaete Scute-Like 2 Controls Intestinal Stem Cell Fate. Cell, 2009, 136, 903-912.	28.9	615
78	Tales from the crypt: new insights into intestinal stem cells. Nature Reviews Gastroenterology and Hepatology, 2019, 16, 19-34.	17.8	597
79	InÂVitro Expansion of Human Gastric Epithelial Stem Cells and Their Responses to Bacterial Infection. Gastroenterology, 2015, 148, 126-136.e6.	1.3	595
80	Mutational signature in colorectal cancer caused by genotoxic pks+ E. coli. Nature, 2020, 580, 269-273.	27.8	587
81	Cancer modeling meets human organoid technology. Science, 2019, 364, 952-955.	12.6	577
82	Disease Modeling in Stem Cell-Derived 3D Organoid Systems. Trends in Molecular Medicine, 2017, 23, 393-410.	6.7	575
83	Wnt signaling in the intestinal epithelium: from endoderm to cancer. Genes and Development, 2005, 19, 877-890.	5.9	571
84	Reparative inflammation takes charge of tissue regeneration. Nature, 2016, 529, 307-315.	27.8	570
85	The TAK1â€“NLKâ€“MAPK-related pathway antagonizes signalling between Î²-catenin and transcription factor TCF. Nature, 1999, 399, 798-802.	27.8	569
86	Unlimited in vitro expansion of adult bi-potent pancreas progenitors through the Lgr5/R-spondin axis. EMBO Journal, 2013, 32, 2708-2721.	7.8	562
87	Wnt signalling induces maturation of Paneth cells in intestinal crypts. Nature Cell Biology, 2005, 7, 381-386.	10.3	555
88	Redundant Sources of Wnt Regulate Intestinal Stem Cells and Promote Formation of Paneth Cells. Gastroenterology, 2012, 143, 1518-1529.e7.	1.3	532
89	Myc deletion rescues Apc deficiency in the small intestine. Nature, 2007, 446, 676-679.	27.8	530
90	Culture and establishment of self-renewing human and mouse adult liver and pancreas 3D organoids and their genetic manipulation. Nature Protocols, 2016, 11, 1724-1743.	12.0	527

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91	Interrogating open issues in cancer precision medicine with patient-derived xenografts. Nature Reviews Cancer, 2017, 17, 254-268.	28.4	527
92	The intestinal stem cell. Genes and Development, 2008, 22, 1856-1864.	5.9	517
93	HDAC1 and HDAC2 regulate oligodendrocyte differentiation by disrupting the Î²-cateninâ€“TCF interaction. Nature Neuroscience, 2009, 12, 829-838.	14.8	517
94	The R-spondin/Lgr5/Rnf43 module: regulator of Wnt signal strength. Genes and Development, 2014, 28, 305-316.	5.9	510
95	Long-Term Expansion of Functional Mouse and Human Hepatocytes as 3D Organoids. Cell, 2018, 175, 1591-1606.e19.	28.9	505
96	Destabilization of Î²-catenin by mutations in presenilin-1 potentiates neuronal apoptosis. Nature, 1998, 395, 698-702.	27.8	499
97	Specific inhibition of gene expression using a stably integrated, inducible smallâ€interferingâ€RNA vector. EMBO Reports, 2003, 4, 609-615.	4.5	489
98	An HMG-box-containing T-cell factor required for thymocyte differentiation. Nature, 1995, 374, 70-74.	27.8	488
99	Organoid culture systems for prostate epithelial and cancer tissue. Nature Protocols, 2016, 11, 347-358.	12.0	487
100	An organoid platform for ovarian cancer captures intra- and interpatient heterogeneity. Nature Medicine, 2019, 25, 838-849.	30.7	486
101	De Novo Prediction of Stem Cell Identity using Single-Cell Transcriptome Data. Cell Stem Cell, 2016, 19, 266-277.	11.1	484
102	Actomyosin-Mediated Cellular Tension Drives Increased Tissue Stiffness and Î²-Catenin Activation to Induce Epidermal Hyperplasia and Tumor Growth. Cancer Cell, 2011, 19, 776-791.	16.8	477
103	At the Crossroads of Inflammation and Cancer. Cell, 2004, 118, 671-674.	28.9	471
104	Expression of CD44 in Apc and TcfMutant Mice Implies Regulation by the WNT Pathway. American Journal of Pathology, 1999, 154, 515-523.	3.8	468
105	Niche-independent high-purity cultures of Lgr5+ intestinal stem cells and their progeny. Nature Methods, 2014, 11, 106-112.	19.0	466
106	SIGNALING PATHWAYS IN INTESTINAL DEVELOPMENT AND CANCER. Annual Review of Cell and Developmental Biology, 2004, 20, 695-723.	9.4	453
107	Replacement of Lost Lgr5-Positive Stem Cells through Plasticity of Their Enterocyte-Lineage Daughters. Cell Stem Cell, 2016, 18, 203-213.	11.1	451
108	Patient-derived organoids can predict response to chemotherapy in metastatic colorectal cancer patients. Science Translational Medicine, 2019, 11, .	12.4	451

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109	Differentiated Troy+ Chief Cells Act as Reserve Stem Cells to Generate All Lineages of the Stomach Epithelium. Cell, 2013, 155, 357-368.	28.9	445
110	A Comprehensive Human Gastric Cancer Organoid Biobank Captures Tumor Subtype Heterogeneity and Enables Therapeutic Screening. Cell Stem Cell, 2018, 23, 882-897.e11.	11.1	445
111	Strategies for Homeostatic Stem Cell Self-Renewal in Adult Tissues. Cell, 2011, 145, 851-862.	28.9	441
112	The Intestinal Wnt/TCF Signature. Gastroenterology, 2007, 132, 628-632.	1.3	439
113	Apc Restoration Promotes Cellular Differentiation and Reestablishes Crypt Homeostasis in Colorectal Cancer. Cell, 2015, 161, 1539-1552.	28.9	432
114	Intestinal crypt homeostasis revealed at single-stem-cell level by in vivo live imaging. Nature, 2014, 507, 362-365.	27.8	431
115	Defects in cardiac outflow tract formation and pro-B-lymphocyte expansion in mice lacking Sox-4. Nature, 1996, 380, 711-714.	27.8	429
116	Synergy Between Tumor Suppressor APC and the -Catenin-Tcf4 Target Tcf1. Science, 1999, 285, 1923-1926.	12.6	428
117	Transcriptome Profile of Human Colorectal Adenomas. Molecular Cancer Research, 2007, 5, 1263-1275.	3.4	428
118	Characterizing responses to CFTR-modulating drugs using rectal organoids derived from subjects with cystic fibrosis. Science Translational Medicine, 2016, 8, 344ra84.	12.4	428
119	Wnt3a-/--like phenotype and limb deficiency in Lef1-/-Tcf1-/- mice. Genes and Development, 1999, 13, 709-717.	5.9	426
120	Visualization of a short-range Wnt gradient in the intestinal stem-cell niche. Nature, 2016, 530, 340-343.	27.8	425
121	Wnt Signaling Controls the Phosphorylation Status of Î²-Catenin. Journal of Biological Chemistry, 2002, 277, 17901-17905.	3.4	424
122	SOX9 is an intestine crypt transcription factor, is regulated by the Wnt pathway, and represses the CDX2 and MUC2 genes. Journal of Cell Biology, 2004, 166, 37-47.	5.2	422
123	Homeostatic mini-intestines through scaffold-guided organoid morphogenesis. Nature, 2020, 585, 574-578.	27.8	408
124	Intra-tumour diversification in colorectal cancer at the single-cell level. Nature, 2018, 556, 457-462.	27.8	406
125	Patient-Derived Organoids Predict Chemoradiation Responses of Locally Advanced Rectal Cancer. Cell Stem Cell, 2020, 26, 17-26.e6.	11.1	404
126	The chromatin remodelling factor Brg-1 interacts with beta-catenin to promote target gene activation. EMBO Journal, 2001, 20, 4935-4943.	7.8	385

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127	EphB receptor activity suppresses colorectal cancer progression. Nature, 2005, 435, 1126-1130.	27.8	375
128	The Wnt/Î²-catenin pathway regulates cardiac valve formation. Nature, 2003, 425, 633-637.	27.8	367
129	Loss of intestinal crypt progenitor cells owing to inactivation of both Notch1 and Notch2 is accompanied by derepression of CDK inhibitors p27^{Kip1} and p57^{Kip2}. EMBO Reports, 2008, 9, 377-383.	4.5	362
130	Origins of lymphatic and distant metastases in human colorectal cancer. Science, 2017, 357, 55-60.	12.6	358
131	Preserved genetic diversity in organoids cultured from biopsies of human colorectal cancer metastases. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 13308-13311.	7.1	356
132	Lrig1 controls intestinal stem-cell homeostasis by negative regulation of ErbB signalling. Nature Cell Biology, 2012, 14, 401-408.	10.3	350
133	Glial origin of mesenchymal stem cells in a tooth model system. Nature, 2014, 513, 551-554.	27.8	347
134	Live imaging of astrocyte responses to acute injury reveals selective juxtavascular proliferation. Nature Neuroscience, 2013, 16, 580-586.	14.8	340
135	Distinct ATOH1 and Neurog3 requirements define tuft cells as a new secretory cell type in the intestinal epithelium. Journal of Cell Biology, 2011, 192, 767-780.	5.2	337
136	Use of CRISPR-modified human stem cell organoids to study the origin of mutational signatures in cancer. Science, 2017, 358, 234-238.	12.6	337
137	Organoids: Modeling Development and the Stem Cell Niche in a Dish. Developmental Cell, 2016, 38, 590-600.	7.0	334
138	SPDEF is required for mouse pulmonary goblet cell differentiation and regulates a network of genes associated with mucus production. Journal of Clinical Investigation, 2009, 119, 2914-24.	8.2	329
139	All Tcf HMG box transcription factors interact with Groucho-related co-repressors. Nucleic Acids Research, 2001, 29, 1410-1419.	14.5	321
140	A rectal cancer organoid platform to study individual responses to chemoradiation. Nature Medicine, 2019, 25, 1607-1614.	30.7	320
141	High-resolution 3D imaging of fixed and cleared organoids. Nature Protocols, 2019, 14, 1756-1771.	12.0	317
142	Ancestry and diversity of the HMG box superfamily. Nucleic Acids Research, 1993, 21, 2493-2501.	14.5	316
143	Genome sequencing of normal cells reveals developmental lineages and mutational processes. Nature, 2014, 513, 422-425.	27.8	315
144	Establishment of patient-derived cancer organoids for drug-screening applications. Nature Protocols, 2020, 15, 3380-3409.	12.0	313

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145	Redundant Regulation of T Cell Differentiation and TCRÎ± Gene Expression by the Transcription Factors LEF-1 and TCF-1. Immunity, 1998, 8, 11-20.	14.3	312
146	Two Members of the Tcf Family Implicated in Wnt/Î²-Catenin Signaling during Embryogenesis in the Mouse. Molecular and Cellular Biology, 1998, 18, 1248-1256.	2.3	309
147	Survivin and molecular pathogenesis of colorectal cancer. Lancet, The, 2003, 362, 205-209.	13.7	308
148	Tissue-Resident Adult Stem Cell Populations of Rapidly Self-Renewing Organs. Cell Stem Cell, 2010, 7, 656-670.	11.1	307
149	Cell fate specification and differentiation in the adult mammalian intestine. Nature Reviews Molecular Cell Biology, 2021, 22, 39-53.	37.0	306
150	Single-molecule transcript counting of stem-cell markers in the mouse intestine. Nature Cell Biology, 2012, 14, 106-114.	10.3	305
151	Transcription factor achaete-scute homologue 2 initiates follicular T-helper-cell development. Nature, 2014, 507, 513-518.	27.8	303
152	Tubuloids derived from human adult kidney and urine for personalized disease modeling. Nature Biotechnology, 2019, 37, 303-313.	17.5	301
153	Î²-Catenin stabilization dysregulates mesenchymal cell proliferation, motility, and invasiveness and causes aggressive fibromatosis and hyperplastic cutaneous wounds. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 6973-6978.	7.1	298
154	Wnt Signaling, Lgr5, and Stem Cells in the Intestine and Skin. American Journal of Pathology, 2009, 174, 715-721.	3.8	297
155	Modelling Cryptosporidium infection in human small intestinal and lung organoids. Nature Microbiology, 2018, 3, 814-823.	13.3	296
156	Controlled gene expression in primary Lgr5 organoid cultures. Nature Methods, 2012, 9, 81-83.	19.0	295
157	Organoid cultures for the analysis of cancer phenotypes. Current Opinion in Genetics and Development, 2014, 24, 68-73.	3.3	295
158	Illegitimate WNT signaling promotes proliferation of multiple myeloma cells. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 6122-6127.	7.1	293
159	Efficient Intracellular Delivery of Native Proteins. Cell, 2015, 161, 674-690.	28.9	291
160	Human Organoids: Tools for Understanding Biology and Treating Diseases. Annual Review of Pathology: Mechanisms of Disease, 2020, 15, 211-234.	22.4	290
161	The Paneth Cell Î±-Defensin Deficiency of Ileal Crohnâ€™s Disease Is Linked to Wnt/Tcf-4. Journal of Immunology, 2007, 179, 3109-3118.	0.8	287
162	SOX9 Is Required for the Differentiation of Paneth Cells in the Intestinal Epithelium. Gastroenterology, 2007, 133, 539-546.	1.3	286

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163	Extracellular matrix hydrogel derived from decellularized tissues enables endodermal organoid culture. Nature Communications, 2019, 10, 5658.	12.8	281
164	Pancreatic cancer organoids recapitulate disease and allow personalized drug screening. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 26580-26590.	7.1	279
165	Identifying the Stem Cell of the Intestinal Crypt: Strategies and Pitfalls. Cell Stem Cell, 2012, 11, 452-460.	11.1	278
166	TCF/LEF factors earn their wings. Trends in Genetics, 1997, 13, 485-489.	6.7	273
167	Mucosal prolapse in the pathogenesis of Peutz-Jeghers polyposis. Gut, 2006, 55, 1-5.	12.1	272
168	Microbiota Controls the Homeostasis of Glial Cells in the Gut Lamina Propria. Neuron, 2015, 85, 289-295.	8.1	271
169	Surrogate Wnt agonists that phenocopy canonical Wnt and Î²-catenin signalling. Nature, 2017, 545, 234-237.	27.8	264
170	Genome-wide CRISPR screens reveal a Wntâ€“FZD5 signaling circuit as a druggable vulnerability of RNF43-mutant pancreatic tumors. Nature Medicine, 2017, 23, 60-68.	30.7	261
171	Xenograft and organoid model systems in cancerÂresearch. EMBO Journal, 2019, 38, e101654.	7.8	257
172	Adult Stem Cells in the Small Intestine Are Intrinsically Programmed with Their Locationâ€Specific Function. Stem Cells, 2014, 32, 1083-1091.	3.2	255
173	Induced Quiescence of Lgr5+ Stem Cells in Intestinal Organoids Enables Differentiation of Hormone-Producing Enteroendocrine Cells. Cell Stem Cell, 2017, 20, 177-190.e4.	11.1	255
174	Distinct gene mutation profiles among luminal-type and basal-type breast cancer cell lines. Breast Cancer Research and Treatment, 2010, 121, 53-64.	2.5	247
175	Wnt control of stem cells and differentiation in the intestinal epithelium. Experimental Cell Research, 2005, 306, 357-363.	2.6	241
176	Reg4 ⁺ deep crypt secretory cells function as epithelial niche for Lgr5 ⁺ stem cells in colon. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E5399-407.	7.1	232
177	Identification of a bovine surface antigen uniquely expressed on CD4â^'CD8â^' T cell receptor Î³Î´+ T lymphocytes. European Journal of Immunology, 1990, 20, 809-817.	2.9	231
178	Monoclonal Antibodies Against Lgr5 Identify Human Colorectal Cancer Stem Cells. Stem Cells, 2012, 30, 2378-2386.	3.2	229
179	Differential expression of the HMG box factors TCF-1 and LEF-1 during murine embryogenesis. Development (Cambridge), 1993, 118, 439-448.	2.5	228
180	The Î²-cateninâ€“TCF-1 pathway ensures CD4+CD8+ thymocyte survival. Nature Immunology, 2001, 2, 691-697.	14.5	225

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181	Spindle Orientation Bias in Gut Epithelial Stem Cell Compartments Is Lost in Precancerous Tissue. Cell Stem Cell, 2010, 6, 175-181.	11.1	225
182	Paneth cell extrusion and release of antimicrobial products is directly controlled by immune cellâ€“derived IFN-Î³. Journal of Experimental Medicine, 2014, 211, 1393-1405.	8.5	225
183	Rapid Loss of Intestinal Crypts upon Conditional Deletion of the Wnt/Tcf-4 Target Gene c- Myc. Molecular and Cellular Biology, 2006, 26, 8418-8426.	2.3	224
184	Peyer's Patch M Cells Derived from Lgr5⁺ Stem Cells Require SpiB and Are Induced by RankL in Cultured â€œMinigutsâ€. Molecular and Cellular Biology, 2012, 32, 3639-3647.	2.3	224
185	Regulation and plasticity of intestinal stem cells during homeostasis and regeneration. Development (Cambridge), 2016, 143, 3639-3649.	2.5	224
186	Oral Mucosal Organoids as a Potential Platform for Personalized Cancer Therapy. Cancer Discovery, 2019, 9, 852-871.	9.4	222
187	You Wnt some, you lose some: oncogenes in the Wnt signaling pathway. Current Opinion in Genetics and Development, 2003, 13, 28-33.	3.3	219
188	Ascl2 Acts as an R-spondin/Wnt-Responsive Switch to Control Stemness in Intestinal Crypts. Cell Stem Cell, 2015, 16, 158-170.	11.1	217
189	Identification of Enteroendocrine Regulators by Real-Time Single-Cell Differentiation Mapping. Cell, 2019, 176, 1158-1173.e16.	28.9	217
190	A Critical Role for the Wnt Effector Tcf4 in Adult Intestinal Homeostatic Self-Renewal. Molecular and Cellular Biology, 2012, 32, 1918-1927.	2.3	216
191	Prominin-1/CD133 Marks Stem Cells and Early Progenitors in Mouse Small Intestine. Gastroenterology, 2009, 136, 2187-2194.e1.	1.3	215
192	Primary Mouse Small Intestinal Epithelial Cell Cultures. Methods in Molecular Biology, 2012, 945, 319-328.	0.9	215
193	Differentiated human airway organoids to assess infectivity of emerging influenza virus. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 6822-6827.	7.1	215
194	The winged-helix transcription factor Trident is expressed in cycling cells. Nucleic Acids Research, 1997, 25, 1715-1719.	14.5	214
195	The inner nuclear membrane protein Emerin regulates Î²-catenin activity by restricting its accumulation in the nucleus. EMBO Journal, 2006, 25, 3275-3285.	7.8	214
196	Adult mammalian stem cells: the role of Wnt, Lgr5 and R-spondins. EMBO Journal, 2012, 31, 2685-2696.	7.8	209
197	Catenins, Wnt signaling and cancer. BioEssays, 2000, 22, 961-965.	2.5	208
198	Genome-Wide Pattern of TCF7L2/TCF4 Chromatin Occupancy in Colorectal Cancer Cells. Molecular and Cellular Biology, 2008, 28, 2732-2744.	2.3	208

#	Article	IF	Citations
199	The Ets-Domain Transcription Factor Spdef Promotes Maturation of Goblet and Paneth Cells in the Intestinal Epithelium. Gastroenterology, 2009, 137, 1333-1345.e3.	1.3	208
200	Identification and cloning of TCF-1, a T lymphocyte-specific transcription factor containing a sequence-specific HMG box. EMBO Journal, 1991, 10, 123-32.	7.8	205
201	A Single-Cell RNA Sequencing Study Reveals Cellular and Molecular Dynamics of the Hippocampal Neurogenic Niche. Cell Reports, 2017, 21, 3271-3284.	6.4	204
202	Biased competition between Lgr5 intestinal stem cells driven by oncogenic mutation induces clonal expansion. EMBO Reports, 2014, 15, 62-69.	4.5	203
203	Diabetes Risk Gene and Wnt Effector Tcf7l2/TCF4 Controls Hepatic Response to Perinatal and Adult Metabolic Demand. Cell, 2012, 151, 1595-1607.	28.9	202
204	Human tissues in a dish: The research and ethical implications of organoid technology. Science, 2017, 355, .	12.6	202
205	Organoids in immunological research. Nature Reviews Immunology, 2020, 20, 279-293.	22.7	200
206	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.	7.1	198
207	Fasting-mimicking diet and hormone therapy induce breast cancer regression. Nature, 2020, 583, 620-624.	27.8	198
208	Defective iron homeostasis in beta 2-microglobulin knockout mice recapitulates hereditary hemochromatosis in man.. Journal of Experimental Medicine, 1996, 184, 1975-1985.	8.5	197
209	Lgr5+ve Stem/Progenitor Cells Contribute to Nephron Formation during Kidney Development. Cell Reports, 2012, 2, 540-552.	6.4	196
210	Live and let die in the intestinal epithelium. Current Opinion in Cell Biology, 2003, 15, 763-770.	5.4	195
211	NEW EMBO MEMBER'S REVIEW: T-cell factors: turn-ons and turn-offs. EMBO Journal, 2002, 21, 2303-2311.	7.8	192
212	Stem cells, asymmetric division and cancer. Nature Genetics, 2005, 37, 1027-1028.	21.4	192
213	Loss of the Tumor Suppressor CYLD Enhances Wnt/β-Catenin Signaling through K63-Linked Ubiquitination of Dvl. Molecular Cell, 2010, 37, 607-619.	9.7	191
214	Targeting mutant RAS in patient-derived colorectal cancer organoids by combinatorial drug screening. ELife, 2016, 5, .	6.0	191
215	LKB1 and AMPK Family Signaling: The Intimate Link Between Cell Polarity and Energy Metabolism. Physiological Reviews, 2009, 89, 777-798.	28.8	188
216	Enteroendocrine cells switch hormone expression along the crypt-to-villus BMP signalling gradient. Nature Cell Biology, 2018, 20, 909-916.	10.3	188

#	Article	IF	Citations
217	TCF Transcription Factors, Mediators of Wnt-Signaling in Development and Cancer. Developmental Biology, 2002, 244, 1-8.	2.0	186
218	TCF: Lady Justice Casting the Final Verdict on the Outcome of Wnt Signalling. Biological Chemistry, 2002, 383, 255-261.	2.5	185
219	An organoid biobank for childhood kidney cancers that captures disease and tissue heterogeneity. Nature Communications, 2020, 11, 1310.	12.8	183
220	Wnt signaling is required for thymocyte development and activates Tcf-1 mediated transcription. European Journal of Immunology, 2001, 31, 285-293.	2.9	182
221	Lgr5 intestinal stem cells have high telomerase activity and randomly segregate their chromosomes. EMBO Journal, 2011, 30, 1104-1109.	7.8	182
222	Extensive Alternative Splicing and Dual Promoter Usage Generate Tcf-1 Protein Isoforms with Differential Transcription Control Properties. Molecular and Cellular Biology, 1996, 16, 745-752.	2.3	181
223	Premigratory and Migratory Neural Crest Cells Are Multipotent InÂVivo. Cell Stem Cell, 2015, 16, 314-322.	11.1	180
224	5-FU promotes stemness of colorectal cancer via p53-mediated WNT/Î²-catenin pathway activation. Nature Communications, 2020, 11, 5321.	12.8	179
225	Crypt Base Columnar Stem Cells in Small Intestines of Mice Are Radioresistant. Gastroenterology, 2012, 143, 1266-1276.	1.3	178
226	Focal Adhesion Kinase Is Required for Intestinal Regeneration and Tumorigenesis Downstream of Wnt/c-Myc Signaling. Developmental Cell, 2010, 19, 259-269.	7.0	176
227	Long-Term InÂVitro Expansion of Salivary Gland Stem Cells Driven by Wnt Signals. Stem Cell Reports, 2016, 6, 150-162.	4.8	175
228	Defining Adult Stem Cells by Function, not by Phenotype. Annual Review of Biochemistry, 2018, 87, 1015-1027.	11.1	175
229	Modeling Pancreatic Cancer with Organoids. Trends in Cancer, 2016, 2, 176-190.	7.4	174
230	APC mutant zebrafish uncover a changing temporal requirement for wnt signaling in liver development. Developmental Biology, 2008, 320, 161-174.	2.0	173
231	Fast and efficient generation of knock-in human organoids using homology-independent CRISPRâ€“Cas9 precision genome editing. Nature Cell Biology, 2020, 22, 321-331.	10.3	170
232	The kinase TNIK is an essential activator of Wnt target genes. EMBO Journal, 2009, 28, 3329-3340.	7.8	169
233	Paneth Cells Respond to Inflammation and Contribute to Tissue Regeneration by Acquiring Stem-like Features through SCF/c-Kit Signaling. Cell Reports, 2018, 24, 2312-2328.e7.	6.4	166
234	Tracking adult stem cells. EMBO Reports, 2011, 12, 113-122.	4.5	163

#	Article	IF	Citations
235	Ongoing chromosomal instability and karyotype evolution in human colorectal cancer organoids. Nature Genetics, 2019, 51, 824-834.	21.4	162
236	TTC7A mutations disrupt intestinal epithelial apicobasal polarity. Journal of Clinical Investigation, 2014, 124, 328-337.	8.2	161
237	Roles of Sox4 in central nervous system development. Molecular Brain Research, 2000, 79, 180-191.	2.3	159
238	Wnt-induced transcriptional activation is exclusively mediated by TCF/LEF. EMBO Journal, 2014, 33, 146-156.	7.8	157
239	RNF43 germline and somatic mutation in serrated neoplasia pathway and its association with BRAF mutation. Gut, 2017, 66, 1645-1656.	12.1	157
240	A Comprehensive Model of the Spatio-Temporal Stem Cell and Tissue Organisation in the Intestinal Crypt. PLoS Computational Biology, 2011, 7, e1001045.	3.2	155
241	Patient-Derived Ovarian Cancer Organoids Mimic Clinical Response and Exhibit Heterogeneous Inter- and Intrapatient Drug Responses. Cell Reports, 2020, 31, 107762.	6.4	155
242	Profiling proliferative cells and their progeny in damaged murine hearts. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E12245-E12254.	7.1	154
243	Human gastrointestinal epithelia of the esophagus, stomach, and duodenum resolved at single-cell resolution. Cell Reports, 2021, 34, 108819.	6.4	153
244	An organoidâ€derived bronchioalveolar model for SARSâ€CoVâ€2 infection of human alveolar type Iiâ€like cells. EMBO Journal, 2021, 40, e105912.	7.8	153
245	Ascl2-Dependent Cell Dedifferentiation Drives Regeneration of Ablated Intestinal Stem Cells. Cell Stem Cell, 2020, 26, 377-390.e6.	11.1	152
246	Loss of Syntaxin 3 Causes Variant Microvillus Inclusion Disease. Gastroenterology, 2014, 147, 65-68.e10.	1.3	151
247	Restricted High Level Expression of Tcf-4 Protein in Intestinal and Mammary Gland Epithelium. American Journal of Pathology, 1999, 154, 29-35.	3.8	149
248	Wnt breakers in colon cancer. Cancer Cell, 2004, 5, 5-6.	16.8	148
249	Stem cell-derived organoids and their application for medical research and patient treatment. Journal of Molecular Medicine, 2017, 95, 729-738.	3.9	147
250	Cloning of murine TCF-1, a T cell-specific transcription factor interacting with functional motifs in the CD3-epsilon and T cell receptor alpha enhancers.. Journal of Experimental Medicine, 1991, 173, 1133-1142.	8.5	144
251	Inducible InÂVivo Silencing of Brd4 Identifies Potential Toxicities of Sustained BET Protein Inhibition. Cell Reports, 2014, 8, 1919-1929.	6.4	144
252	Notch ligand Dll1 mediates cross-talk between mammary stem cells and the macrophageal niche. Science, 2018, 360, .	12.6	144

#	Article	IF	Citations
253	Use and application of 3D-organoid technology. Human Molecular Genetics, 2018, 27, R99-R107.	2.9	143
254	Armadillo/Î²-catenin signals in the nucleus â€“ proof beyond a reasonable doubt?. Nature Cell Biology, 2003, 5, 179-182.	10.3	142
255	Wnt, stem cells and cancer in the intestine. Biology of the Cell, 2005, 97, 185-196.	2.0	142
256	Tracking Down the Stem Cells of the Intestine: Strategies to Identify Adult Stem Cells. Gastroenterology, 2007, 133, 1755-1760.	1.3	142
257	Optimality in the Development of Intestinal Crypts. Cell, 2012, 148, 608-619.	28.9	142
258	Plasticity within stem cell hierarchies in mammalian epithelia. Trends in Cell Biology, 2015, 25, 100-108.	7.9	141
259	Porcupine inhibitor suppresses paracrine Wnt-driven growth of Rnf43;Znrf3 -mutant neoplasia. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 7548-7550.	7.1	140
260	Stem cell self-renewal in intestinal crypt. Experimental Cell Research, 2011, 317, 2719-2724.	2.6	138
261	Troy+ brain stem cells cycle through quiescence and regulate their number by sensing niche occupancy. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E610-E619.	7.1	138
262	Mst4 and Ezrin Induce Brush Borders Downstream of the Lkb1/Strad/Mo25 Polarization Complex. Developmental Cell, 2009, 16, 551-562.	7.0	137
263	Consensus molecular subtypes of colorectal cancer are recapitulated in in vitro and in vivo models. Cell Death and Differentiation, 2018, 25, 616-633.	11.2	137
264	Probing the Tumor Suppressor Function of BAP1 in CRISPR-Engineered Human Liver Organoids. Cell Stem Cell, 2019, 24, 927-943.e6.	11.1	136
265	CRISPR-Based Adenine Editors Correct Nonsense Mutations in a Cystic Fibrosis Organoid Biobank. Cell Stem Cell, 2020, 26, 503-510.e7.	11.1	136
266	LGR5 positivity defines stem-like cells in colorectal cancer. Carcinogenesis, 2014, 35, 849-858.	2.8	134
267	Organoid cultures from normal and cancer-prone human breast tissues preserve complex epithelial lineages. Nature Communications, 2020, 11, 1711.	12.8	134
268	EphB/EphrinB Receptors and Wnt Signaling in Colorectal Cancer. Cancer Research, 2006, 66, 2-5.	0.9	133
269	Mapping early fate determination in <scp>L</scp>gr5⁺ crypt stem cells using a novel <scp>K</scp>i67â€<scp>RFP</scp> allele. EMBO Journal, 2014, 33, 2057-2068.	7.8	133
270	Building consensus on definition and nomenclature of hepatic, pancreatic, and biliary organoids. Cell Stem Cell, 2021, 28, 816-832.	11.1	133

#	Article	IF	Citations
271	Functional analysis of Peutzâ€“Jeghers mutations reveals that the LKB1 C-terminal region exerts a crucial role in regulating both the AMPK pathway and the cell polarity. Human Molecular Genetics, 2005, 14, 1283-1292.	2.9	131
272	Organoid culture systems to study hostâ€“pathogen interactions. Current Opinion in Immunology, 2017, 48, 15-22.	5.5	131
273	Lineage-dependent spatial and functional organization of the mammalian enteric nervous system. Science, 2017, 356, 722-726.	12.6	130
274	Stem Cells Marked by the R-Spondin Receptor LGR5. Gastroenterology, 2014, 147, 289-302.	1.3	129
275	Chronic epithelial NF-Î²B activation accelerates APC loss and intestinal tumor initiation through iNOS up-regulation. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 14007-14012.	7.1	127
276	Tissue-specific designs of stem cell hierarchies. Nature Cell Biology, 2016, 18, 349-355.	10.3	126
277	Personalized Proteome Profiles of Healthy and Tumor Human Colon Organoids Reveal Both Individual Diversity and Basic Features of Colorectal Cancer. Cell Reports, 2017, 18, 263-274.	6.4	126
278	Ectopic Wnt signal determines the eyeless phenotype of zebrafishmasterblindmutant. Development (Cambridge), 2001, 128, 3877-3888.	2.5	126
279	Wnt signaling regulates expression of the receptor tyrosine kinase met in colorectal cancer. Cancer Research, 2002, 62, 5126-8.	0.9	126
280	How the Gut Feels, Smells, and Talks. Cell, 2017, 170, 10-11.	28.9	125
281	Challenges in Establishing Pure Lung Cancer Organoids Limit Their Utility for Personalized Medicine. Cell Reports, 2020, 31, 107588.	6.4	125
282	Phosphatidylinositol 3-Kinase Signaling Does Not Activate the Wnt Cascade. Journal of Biological Chemistry, 2009, 284, 35308-35313.	3.4	124
283	Defining Adult Stem Cell Function at Its Simplest: The Ability to Replace Lost Cells through Mitosis. Cell Stem Cell, 2019, 25, 174-183.	11.1	124
284	SnapShot: Growing Organoids from Stem Cells. Cell, 2015, 161, 1700-1700.e1.	28.9	123
285	Mutant E-cadherin breast cancer cells do not display constitutive Wnt signaling. Cancer Research, 2001, 61, 278-84.	0.9	123
286	NOTUM from Apc-mutant cells biases clonal competition to initiate cancer. Nature, 2021, 594, 430-435.	27.8	122
287	Uncoupling of S phase and mitosis in cardiomyocytes and hepatocytes lacking the winged-helix transcription factor Trident. Current Biology, 1998, 8, 1327-S1.	3.9	121
288	Intestinal stem cells lacking the Math1 tumour suppressor are refractory to Notch inhibitors. Nature Communications, 2010, 1, 18.	12.8	119

#	Article	IF	Citations
289	TGFÎ² signaling directs serrated adenomas to the mesenchymal colorectal cancer subtype. EMBO Molecular Medicine, 2016, 8, 745-760.	6.9	119
290	Generation of L Cells in Mouse and Human Small Intestine Organoids. Diabetes, 2014, 63, 410-420.	0.6	118
291	Imaging organoids: a bright future ahead. Nature Methods, 2018, 15, 24-26.	19.0	118
292	A Genome-Wide Screen for Spatially Restricted Expression Patterns Identifies Transcription Factors That Regulate Glial Development. Journal of Neuroscience, 2009, 29, 11399-11408.	3.6	117
293	What is an adult stem cell?. Science, 2015, 350, 1319-1320.	12.6	117
294	Wnt/Î²-catenin signaling in adult mammalian epithelial stem cells. Developmental Biology, 2017, 428, 273-282.	2.0	117
295	Stem cell CD44v isoforms promote intestinal cancer formation in Apc(min) mice downstream of Wnt signaling. Oncogene, 2014, 33, 665-670.	5.9	116
296	LKB1 tumor suppressor protein: PARtaker in cell polarity. Trends in Cell Biology, 2004, 14, 312-319.	7.9	115
297	Wnt Signaling, Stem Cells, and Cancer of the Gastrointestinal Tract. Cold Spring Harbor Perspectives in Biology, 2012, 4, a007989-a007989.	5.5	115
298	Conversion of Mature Human Î²-Cells Into Glucagon-Producing Î±-Cells. Diabetes, 2013, 62, 2471-2480.	0.6	115
299	Frizzled7 Functions as a Wnt Receptor in Intestinal Epithelial Lgr5+ Stem Cells. Stem Cell Reports, 2015, 4, 759-767.	4.8	114
300	BRCA-deficient mouse mammary tumor organoids to study cancer-drug resistance. Nature Methods, 2018, 15, 134-140.	19.0	110
301	High-Resolution mRNA and Secretome Atlas of Human Enteroendocrine Cells. Cell, 2020, 181, 1291-1306.e19.	28.9	110
302	Sox-4, an Sry-like HMG box protein, is a transcriptional activator in lymphocytes. EMBO Journal, 1993, 12, 3847-54.	7.8	109
303	LifeTime and improving European healthcare through cell-based interceptive medicine. Nature, 2020, 587, 377-386.	27.8	108
304	Hindgut defects and transformation of the gastro-intestinal tract in Tcf4â^'/â^'/Tcf1â^'/â^' embryos. EMBO Journal, 2004, 23, 1825-1833.	7.8	107
305	Identification of APC2, a homologue of the adenomatous polyposis coli tumour suppressor. Current Biology, 1999, 9, 105-S2.	3.9	106
306	Expansion of Adult Human Pancreatic Tissue Yields Organoids Harboring Progenitor Cells with Endocrine Differentiation Potential. Stem Cell Reports, 2018, 10, 712-724.	4.8	106

#	Article	IF	Citations
307	Stem cells and cancer of the stomach and intestine. Molecular Oncology, 2010, 4, 373-384.	4.6	105
308	CRISPR/Cas 9 genome editing and its applications in organoids. American Journal of Physiology - Renal Physiology, 2017, 312, G257-G265.	3.4	105
309	From Gut Homeostasis to Cancer. Current Molecular Medicine, 2006, 6, 275-289.	1.3	104
310	Modeling Human Digestive Diseases With CRISPR-Cas9â€“Modified Organoids. Gastroenterology, 2019, 156, 562-576.	1.3	104
311	Modeling Breast Cancer Using CRISPR-Cas9â€“Mediated Engineering of Human Breast Organoids. Journal of the National Cancer Institute, 2020, 112, 540-544.	6.3	104
312	Very Long-term Self-renewal of Small Intestine, Colon, and Hair Follicles from Cycling Lgr5+ve Stem Cells. Cold Spring Harbor Symposia on Quantitative Biology, 2008, 73, 351-356.	1.1	104
313	Interplay between VHL/HIF1Î± and Wnt/Î²-catenin pathways during colorectal tumorigenesis. Oncogene, 2006, 25, 3065-3070.	5.9	103
314	Translational applications of adult stem cell-derived organoids. Development (Cambridge), 2017, 144, 968-975.	2.5	103
315	Genome-Scale CRISPR Screening in Human Intestinal Organoids Identifies Drivers of TGF-Î² Resistance. Cell Stem Cell, 2020, 26, 431-440.e8.	11.1	103
316	c-Myb is required for progenitor cell homeostasis in colonic crypts. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 3829-3834.	7.1	102
317	The Rac Activator Tiam1 Is a Wnt-responsive Gene That Modifies Intestinal Tumor Development. Journal of Biological Chemistry, 2006, 281, 543-548.	3.4	101
318	Evolutionary relationship between the T3 chains of the T-cell receptor complex and the immunoglobulin supergene family.. Proceedings of the National Academy of Sciences of the United States of America, 1987, 84, 7649-7653.	7.1	100
319	Sox4-Deficiency Syndrome in Mice Is an Animal Model for Common Trunk. Circulation Research, 1998, 83, 986-994.	4.5	100
320	Very Early Onset Inflammatory Bowel Disease: A Clinical Approach With a Focus on the Role of Genetics and Underlying Immune Deficiencies. Inflammatory Bowel Diseases, 2020, 26, 820-842.	1.9	100
321	The HumanTRIDENT/HFH-11/FKHL16Gene: Structure, Localization, and Promoter Characterization. Genomics, 1997, 46, 435-442.	2.9	99
322	Tropism, replication competence, and innate immune responses of influenza virus: an analysis of human airway organoids and ex-vivo bronchus cultures. Lancet Respiratory Medicine,the, 2018, 6, 846-854.	10.7	99
323	An FBXW7-ZEB2 axis links EMT and tumour microenvironment to promote colorectal cancer stem cells and chemoresistance. Oncogenesis, 2019, 8, 13.	4.9	99
324	Intestinal organoid cocultures with microbes. Nature Protocols, 2021, 16, 4633-4649.	12.0	99

#	Article	IF	Citations
325	Intestinal epithelial organoids fuse to form self-organizing tubes in floating collagen gels. Development (Cambridge), 2017, 144, 1107-1112.	2.5	98
326	TCF and Groucho-Related Genes Influence Pituitary Growth and Development. Molecular Endocrinology, 2003, 17, 2152-2161.	3.7	97
327	Active Wnt signaling in response to cardiac injury. Basic Research in Cardiology, 2010, 105, 631-641.	5.9	97
328	Defining the Identity and Dynamics of Adult Gastric Isthmus Stem Cells. Cell Stem Cell, 2019, 25, 342-356.e7.	11.1	97
329	Long-term culture, genetic manipulation and xenotransplantation of human normal and breast cancer organoids. Nature Protocols, 2021, 16, 1936-1965.	12.0	97
330	p53 deletion impairs clearance of chromosomal-instable stem cells in aging telomere-dysfunctional mice. Nature Genetics, 2009, 41, 1138-1143.	21.4	96
331	Robust Cre-Mediated Recombination in Small Intestinal Stem Cells Utilizing the Olfm4 Locus. Stem Cell Reports, 2014, 3, 234-241.	4.8	96
332	The Organoid Cell Atlas. Nature Biotechnology, 2021, 39, 13-17.	17.5	96
333	The cytomegalovirus-encoded chemokine receptor US28 promotes intestinal neoplasia in transgenic mice. Journal of Clinical Investigation, 2010, 120, 3969-3978.	8.2	96
334	CRISPR-Cas Tools and Their Application in Genetic Engineering of Human Stem Cells and Organoids. Cell Stem Cell, 2020, 27, 705-731.	11.1	95
335	Wnt Activates the Tak1/Nemo-like Kinase Pathway. Journal of Biological Chemistry, 2004, 279, 17232-17240.	3.4	94
336	Chemoprevention by nonsteroidal anti-inflammatory drugs eliminates oncogenic intestinal stem cells via SMAC-dependent apoptosis. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 20027-20032.	7.1	93
337	Organoids as Model for Infectious Diseases: Culture of Human and Murine Stomach Organoids and Microinjection of Helicobacter Pylori. Journal of Visualized Experiments, 2015, , .	0.3	93
338	Tissue clonality of dendritic cell subsets and emergency DCpoiesis revealed by multicolor fate mapping of DC progenitors. Science Immunology, 2019, 4, .	11.9	93
339	Cyclin D1 Is Not an Immediate Target of Î²-Catenin following Apc Loss in the Intestine. Journal of Biological Chemistry, 2005, 280, 28463-28467.	3.4	92
340	Mouse Model of Alagille Syndrome and Mechanisms of Jagged1 Missense Mutations. Gastroenterology, 2018, 154, 1080-1095.	1.3	92
341	Intestinal Inflammation and Dysregulated Immunity in Patients With Inherited Caspase-8 Deficiency. Gastroenterology, 2019, 156, 275-278.	1.3	92
342	Sequencing metabolically labeled transcripts in single cells reveals mRNA turnover strategies. Science, 2020, 367, 1151-1156.	12.6	92

#	Article	IF	Citations
343	Intestinal Regeneration: Regulation by the Microenvironment. Developmental Cell, 2020, 54, 435-446.	7.0	91
344	Expression of GATA-3 During Lymphocyte Differentiation and Mouse Embryogenesis. Autoimmunity, 1992, 3, 1-11.	0.6	90
345	Rap2A links intestinal cell polarity to brush border formation. Nature Cell Biology, 2012, 14, 793-801.	10.3	90
346	Transformation of intestinal stem cells into gastric stem cells on loss of transcription factor Cdx2. Nature Communications, 2014, 5, 5728.	12.8	90
347	Leukocyte-associated immunoglobulin-like receptor-1 (LAIR-1) is differentially expressed during human B cell differentiation and inhibits B cell receptor-mediated signaling. European Journal of Immunology, 1999, 29, 3160-3167.	2.9	89
348	Largeâ€Scale Production of LGR5â€Positive Bipotential Human Liver Stem Cells. Hepatology, 2020, 72, 257-270.	7.3	89
349	The BMP Antagonist Follistatin-Like 1 Is Required for Skeletal and Lung Organogenesis. PLoS ONE, 2011, 6, e22616.	2.5	88
350	Patient-derived organoids model cervical tissue dynamics and viral oncogenesis in cervical cancer. Cell Stem Cell, 2021, 28, 1380-1396.e6.	11.1	88
351	Sequence-specific High Mobility Group Box Factors Recognize 10â€“12-Base Pair Minor Groove Motifs. Journal of Biological Chemistry, 2000, 275, 27266-27273.	3.4	88
352	Dynamics of Lgr6 + Progenitor Cells in the Hair Follicle, Sebaceous Gland, and Interfollicular Epidermis. Stem Cell Reports, 2015, 5, 843-855.	4.8	87
353	Preclinical models of pancreatic ductal adenocarcinoma. Journal of Pathology, 2016, 238, 197-204.	4.5	87
354	Establishment and Culture of Human Intestinal Organoids Derived from Adult Stem Cells. Current Protocols in Immunology, 2020, 130, e106.	3.6	85
355	Organoids and organs-on-chips: Insights into human gut-microbe interactions. Cell Host and Microbe, 2021, 29, 867-878.	11.0	85
356	Generation of BAC Transgenic Epithelial Organoids. PLoS ONE, 2013, 8, e76871.	2.5	85
357	Spdef Null Mice Lack Conjunctival Goblet Cells and Provide a Model of Dry Eye. American Journal of Pathology, 2013, 183, 35-48.	3.8	84
358	Disease Modeling and Gene Therapy of Copper Storage Disease in Canine Hepatic Organoids. Stem Cell Reports, 2015, 5, 895-907.	4.8	84
359	Next-Generation Surrogate Wnts Support Organoid Growth and Deconvolute Frizzled Pleiotropy InÂVivo. Cell Stem Cell, 2020, 27, 840-851.e6.	11.1	84
360	On the biomechanics of stem cell niche formation in the gut â€“ modelling growing organoids. FEBS Journal, 2012, 279, 3475-3487.	4.7	83

#	Article	IF	Citations
361	A Positive Feedback Loop Involving Gcm1 and Fzd5 Directs Chorionic Branching Morphogenesis in the Placenta. PLoS Biology, 2013, 11, e1001536.	5.6	83
362	Human Intestinal Tissue with Adult Stem Cell Properties Derived from Pluripotent Stem Cells. Stem Cell Reports, 2014, 2, 838-852.	4.8	83
363	Selection of Personalized Patient Therapy through the Use of Knowledge-Based Computational Models That Identify Tumor-Driving Signal Transduction Pathways. Cancer Research, 2014, 74, 2936-2945.	0.9	82
364	Long-Term Adult Feline Liver Organoid Cultures for Disease Modeling ofÂHepatic Steatosis. Stem Cell Reports, 2017, 8, 822-830.	4.8	82
365	Sequence-specific interaction of the HMG box proteins TCF-1 and SRY occurs within the minor groove of a Watson-Crick double helix. EMBO Journal, 1992, 11, 3039-44.	7.8	82
366	Clonal Acquisition of the Ly49A NK Cell Receptor Is Dependent on the trans-Acting Factor TCF-1. Immunity, 1999, 11, 433-442.	14.3	81
367	Single-cell Ribo-seq reveals cell cycle-dependent translational pausing. Nature, 2021, 597, 561-565.	27.8	81
368	Colon Cancer â€" Understanding How NSAIDs Work. New England Journal of Medicine, 2006, 354, 761-763.	27.0	80
369	Structure of Stem Cell Growth Factor R-spondin 1 in Complex with the Ectodomain of Its Receptor LGR5. Cell Reports, 2013, 3, 1885-1892.	6.4	80
370	Cyclin D2â€“Cyclin-Dependent Kinase 4/6 Is Required for Efficient Proliferation and Tumorigenesis following Apc Loss. Cancer Research, 2010, 70, 8149-8158.	0.9	79
371	Regulation of stem cell therapies under attack in Europe: for whom the bell tolls. EMBO Journal, 2013, 32, 1489-1495.	7.8	79
372	The Leukemia-Associated Mllt10/Af10-Dot1l Are Tcf4/Î²-Catenin Coactivators Essential for Intestinal Homeostasis. PLoS Biology, 2010, 8, e1000539.	5.6	78
373	Frizzled-7 Is Required for Wnt Signaling in Gastric Tumors with and Without Apc Mutations. Cancer Research, 2019, 79, 970-981.	0.9	78
374	Lgr5⁺ liver stem cells, hepatic organoids and regenerative medicine. Regenerative Medicine, 2013, 8, 385-387.	1.7	77
375	Snake Venom Gland Organoids. Cell, 2020, 180, 233-247.e21.	28.9	77
376	PRMT6 Regulates RAS/RAF Binding and MEK/ERK-Mediated Cancer Stemness Activities in Hepatocellular Carcinoma through CRAF Methylation. Cell Reports, 2018, 25, 690-701.e8.	6.4	76
377	Assessing the origin of high-grade serous ovarian cancer using CRISPR-modification of mouse organoids. Nature Communications, 2020, 11, 2660.	12.8	75
378	Leukocyte-associated Ig-like receptor-1 functions as an inhibitory receptor on cytotoxic T cells. Journal of Immunology, 1999, 162, 5800-4.	0.8	75

#	Article	IF	Citations
379	A ZNRF3-dependent Wnt/Î²-catenin signaling gradient is required for adrenal homeostasis. Genes and Development, 2019, 33, 209-220.	5.9	74
380	TCF4 and CDX2, major transcription factors for intestinal function, converge on the same cis -regulatory regions. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 15157-15162.	7.1	73
381	Establishment of human fetal hepatocyte organoids and CRISPRâ€“Cas9-based gene knockin and knockout in organoid cultures from human liver. Nature Protocols, 2021, 16, 182-217.	12.0	73
382	Differential expression of the HMG box transcription factors XTcf-3 and XLef-1 during early Xenopus development. Mechanisms of Development, 1998, 75, 151-154.	1.7	70
383	Identification of a clonally expanding haematopoietic compartment in bone marrow. EMBO Journal, 2012, 32, 219-230.	7.8	70
384	T Cell Recruitment to the Intestinal Stem Cell Compartment Drives Immune-Mediated Intestinal Damage after Allogeneic Transplantation. Immunity, 2019, 51, 90-103.e3.	14.3	70
385	Large deletion of the peroxisomal acyl-CoA oxidase gene in pseudoneonatal adrenoleukodystrophy.. Journal of Clinical Investigation, 1994, 94, 526-531.	8.2	70
386	A Versatile Biosynthetic Hydrogel Platform for Engineering of Tissue Analogues. Advanced Healthcare Materials, 2019, 8, e1900979.	7.6	69
387	Analysis of neural crestâ€“derived clones reveals novel aspects of facial development. Science Advances, 2016, 2, e1600060.	10.3	68
388	Syndecan-1 promotes Wnt/Î²-catenin signaling in multiple myeloma by presenting Wnts and R-spondins. Blood, 2018, 131, 982-994.	1.4	68
389	Tâ€cell factor 4 (Tcf7l2) maintains proliferative compartments in zebrafish intestine. EMBO Reports, 2007, 8, 966-973.	4.5	67
390	The Nuclear Effector of Wnt-Signaling, Tcf1, Functions as a T-Cellâ€“Specific Tumor Suppressor for Development of Lymphomas. PLoS Biology, 2012, 10, e1001430.	5.6	67
391	An inducible mouse model for microvillus inclusion disease reveals a role for myosin Vb in apical and basolateral trafficking. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 12408-12413.	7.1	67
392	Evaluating CRISPR-based prime editing for cancer modeling and CFTR repair in organoids. Life Science Alliance, 2021, 4, e202000940.	2.8	67
393	The Unusual Case of Porcupine. Science, 2012, 337, 922-923.	12.6	66
394	KLF5 Regulates the Integrity and Oncogenicity of Intestinal Stem Cells. Cancer Research, 2014, 74, 2882-2891.	0.9	66
395	Enteroendocrine and tuft cells support Lgr5 stem cells on Paneth cell depletion. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 26599-26605.	7.1	66
396	Solution Structure of the Sequence-specific HMG Box of the Lymphocyte Transcriptional Activator Sox-4. Journal of Biological Chemistry, 1995, 270, 30516-30524.	3.4	65

#	Article	IF	Citations
397	Integrated genome-wide analysis of transcription factor occupancy, RNA polymerase II binding and steady-state RNA levels identify differentially regulated functional gene classes. Nucleic Acids Research, 2012, 40, 148-158.	14.5	65
398	Dual Targeting of CDK4/6 and BCL2 Pathways Augments Tumor Response in Estrogen Receptorâ€“Positive Breast Cancer. Clinical Cancer Research, 2020, 26, 4120-4134.	7.0	65
399	Redundant functions of TCF-1 and LEF-1 during T and NK cell development, but unique role of TCF-1 for Ly49 NK cell receptor acquisition. European Journal of Immunology, 2003, 33, 1393-1398.	2.9	64
400	Development and application of human adult stem or progenitor cell organoids. Nature Reviews Nephrology, 2015, 11, 546-554.	9.6	64
401	Forskolin-induced Swelling in Intestinal Organoids: An In Vitro Assay for Assessing Drug Response in Cystic Fibrosis Patients. Journal of Visualized Experiments, 2017, , .	0.3	64
402	Patient-Derived Head and Neck Cancer Organoids Recapitulate EGFR Expression Levels of Respective Tissues and Are Responsive to EGFR-Targeted Photodynamic Therapy. Journal of Clinical Medicine, 2019, 8, 1880.	2.4	64
403	Tcf/Lef transcription factors during T-cell development: unique and overlapping functions. The Hematology Journal, 2000, 1, 3-6.	1.4	63
404	Organoid biobanking: identifying the ethics. EMBO Reports, 2016, 17, 938-941.	4.5	62
405	ZNRF3 functions in mammalian sex determination by inhibiting canonical WNT signaling. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 5474-5479.	7.1	62
406	A unifying theory for the crypt. Nature, 2013, 495, 53-54.	27.8	61
407	Hematopoietic stem cells can differentiate into restricted myeloid progenitors before cell division in mice. Nature Communications, 2018, 9, 1898.	12.8	61
408	Highly Sensitive Proteome Analysis of FACS-Sorted Adult Colon Stem Cells. Journal of Proteome Research, 2011, 10, 3814-3819.	3.7	60
409	Lipid-mediated Wnt protein stabilization enables serum-free culture of human organ stem cells. Nature Communications, 2017, 8, 14578.	12.8	60
410	The serine-threonine kinase LKB1 is essential for survival under energetic stress in zebrafish. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 4358-4363.	7.1	59
411	Stem Cells in Repair of Gastrointestinal Epithelia. Physiology, 2017, 32, 278-289.	3.1	59
412	Wnt/Î²-Catenin and MAPK Signaling: Allies and Enemies in Different Battlefields. Science Signaling, 2012, 5, pe15.	3.6	58
413	Structures of Wnt-Antagonist ZNRF3 and Its Complex with R-Spondin 1 and Implications for Signaling. PLoS ONE, 2013, 8, e83110.	2.5	58
414	Stratifying infants with cystic fibrosis for disease severity using intestinal organoid swelling as a biomarker of CFTR function. European Respiratory Journal, 2018, 52, 1702529.	6.7	58

#	Article	IF	Citations
415	A CRISPR/Cas9 genetically engineered organoid biobank reveals essential host factors for coronaviruses. Nature Communications, 2021, 12, 5498.	12.8	57
416	Identification of expressed bovine class I MHC genes at two loci and demonstration of physical linkage. Immunogenetics, 1991, 33, 247-54.	2.4	56
417	Long-term expansion and differentiation of adult murine epidermal stem cells in 3D organoid cultures. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 14630-14638.	7.1	56
418	Promises and challenges of organoid-guided precision medicine. Med, 2021, 2, 1011-1026.	4.4	56
419	Close linkage of the mouse and human CD3 gamma- and delta-chain genes suggests that their transcription is controlled by common regulatory elements.. Proceedings of the National Academy of Sciences of the United States of America, 1987, 84, 9131-9134.	7.1	55
420	Cell differentiation by interaction of two HMG-box proteins: Mat1-Mc activates M cell-specific genes in S.pombe by recruiting the ubiquitous transcription factor Ste11 to weak binding sites. EMBO Journal, 1997, 16, 4021-4033.	7.8	55
421	Airway organoids as models of human disease. Journal of Internal Medicine, 2021, 289, 604-613.	6.0	55
422	Exploring the human lacrimal gland using organoids and single-cell sequencing. Cell Stem Cell, 2021, 28, 1221-1232.e7.	11.1	55
423	Studying cellular heterogeneity and drug sensitivity in colorectal cancer using organoid technology. Current Opinion in Genetics and Development, 2018, 52, 117-122.	3.3	54
424	Axin and hepatocellular carcinomas. Nature Genetics, 2000, 24, 206-208.	21.4	53
425	Patient-derived micro-organospheres enable clinical precision oncology. Cell Stem Cell, 2022, 29, 905-917.e6.	11.1	53
426	Model organoids provide new research opportunities for ductal pancreatic cancer. Molecular and Cellular Oncology, 2016, 3, e1014757.	0.7	52
427	Measuring mutation accumulation in single human adult stem cells by whole-genome sequencing of organoid cultures. Nature Protocols, 2018, 13, 59-78.	12.0	52
428	Kidney Organoids and Tubuloids. Cells, 2020, 9, 1326.	4.1	52
429	Targeting development of incretin-producing cells increases insulin secretion. Journal of Clinical Investigation, 2015, 125, 379-385.	8.2	51
430	Application of human liver organoids as a patient-derived primary model for HBV infection and related hepatocellular carcinoma. ELife, 2021, 10, .	6.0	51
431	A gene family of HMG-box transcription factors with homology to TCF-1. Nucleic Acids Research, 1992, 20, 611-611.	14.5	50
432	Generation and characterization of rat liver stem cell lines and their engraftment in a rat model of liver failure. Scientific Reports, 2016, 6, 22154.	3.3	50

#	Article	IF	Citations
433	COVID-19: organoids go viral. Nature Reviews Molecular Cell Biology, 2020, 21, 355-356.	37.0	50
434	Conversion of metaplastic Barrettâ€™s epithelium into post-mitotic goblet cells by Î³-secretase inhibition. DMM Disease Models and Mechanisms, 2010, 3, 104-110.	2.4	48
435	The Winged-Helix Transcription Factor Trident is Expressed in Actively Dividing Lymphocytes. Immunobiology, 1997, 198, 157-161.	1.9	47
436	SnapShot: The Intestinal Crypt. Cell, 2013, 152, 1198-1198.e2.	28.9	47
437	Mathematical model of colorectal cancer initiation. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 20681-20688.	7.1	47
438	Organoid cultures of early-onset colorectal cancers reveal distinct and rare genetic profiles. Gut, 2020, 69, 2165-2179.	12.1	47
439	Single-cell atlas of developing murine adrenal gland reveals relation of Schwann cell precursor signature to neuroblastoma phenotype. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	47
440	SARS-CoV-2 infection and replication in human gastric organoids. Nature Communications, 2021, 12, 6610.	12.8	47
441	WNT signalling events near the cell membrane and their pharmacological targeting for the treatment of cancer. British Journal of Pharmacology, 2017, 174, 4547-4563.	5.4	46
442	Tissue regeneration: Reserve or reverse?. Science, 2021, 371, 784-786.	12.6	46
443	Expression of Tac antigen component of bovine interleukin-2 receptor in different leukocyte populations infected with Theileria parva or Theileria annulata. Infection and Immunity, 1990, 58, 3847-3855.	2.2	46
444	Functional patient-derived organoid screenings identify MCLA-158 as a therapeutic EGFR Ã— LGR5 bispecific antibody with efficacy in epithelial tumors. Nature Cancer, 2022, 3, 418-436.	13.2	46
445	Iron Overload and Heart Fibrosis in Mice Deficient for Both Î²2-Microglobulin and Rag1. American Journal of Pathology, 2000, 157, 1883-1892.	3.8	45
446	Differential expression of the Groucho-related genes 4 and 5 during early development of Xenopus laevis. Mechanisms of Development, 2000, 91, 311-315.	1.7	45
447	The gut microbiota keeps enteric glial cells on the move; prospective roles of the gut epithelium and immune system. Gut Microbes, 2015, 6, 398-403.	9.8	45
448	An enhancer located in a CpG-island 3' to the TCR/CD3-epsilon gene confers T lymphocyte-specificity to its promoter. EMBO Journal, 1989, 8, 2527-35.	7.8	45
449	BMP gradient along the intestinal villus axis controls zonated enterocyte and goblet cell states. Cell Reports, 2022, 38, 110438.	6.4	45
450	Fluorescence In Situ Hybridization Analysis Shows the Frequent Occurrence of 14q32.3 Rearrangements with Involvement of Immunoglobulin Switch Regions in Myeloma Cell Lines. Cancer Genetics and Cytogenetics, 1999, 109, 99-107.	1.0	44

#	Article	IF	Citations
451	Organoid Models for Cancer Research. Annual Review of Cancer Biology, 2019, 3, 223-234.	4.5	44
452	Cancer Induces a Stress Ileopathy Depending on Î²-Adrenergic Receptors and Promoting Dysbiosis that Contributes to Carcinogenesis. Cancer Discovery, 2022, 12, 1128-1151.	9.4	44
453	HMG box containing transcription factors in lymphocyte differentiation. Seminars in Immunology, 1998, 10, 127-132.	5.6	43
454	Generation of an inducible colon-specific Cre enzyme mouse line for colon cancer research. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 11859-11864.	7.1	43
455	Culture and analysis of kidney tubuloids and perfused tubuloid cells-on-a-chip. Nature Protocols, 2021, 16, 2023-2050.	12.0	43
456	High expression of the HMG box factor Sox-13 in arterial walls during embryonic development. Nucleic Acids Research, 1998, 26, 469-476.	14.5	41
457	Proteome Changes Induced by Knock-Down of the Deubiquitylating Enzyme HAUSP/USP7. Journal of Proteome Research, 2007, 6, 4163-4172.	3.7	41
458	Tcf7l2 plays crucial roles in forebrain development through regulation of thalamic and habenular neuron identity and connectivity. Developmental Biology, 2017, 424, 62-76.	2.0	41
459	Single-cell derived tumor organoids display diversity in HLA class I peptide presentation. Nature Communications, 2020, 11, 5338.	12.8	41
460	Aberrant Polycystin-1 Expression Results in Modification of Activator Protein-1 Activity, whereas Wnt Signaling Remains Unaffected. Journal of Biological Chemistry, 2004, 279, 27472-27481.	3.4	40
461	Transcriptional Regulation of CD4 Gene Expression by T Cell Factor-1/Î²-Catenin Pathway. Journal of Immunology, 2006, 176, 4880-4887.	0.8	40
462	Identification of Two Novel Regulated Serines in the N Terminus of Î²-Catenin. Experimental Cell Research, 2002, 276, 264-272.	2.6	39
463	Inactivation of Apc perturbs mammary development, but only directly results in acanthoma in the context of Tcf-1 deficiency. Oncogene, 2002, 21, 6446-6457.	5.9	39
464	AU-rich elements and alternative splicing in the Î²-catenin 3â€²UTR can influence the human Î²-catenin mRNA stability. Experimental Cell Research, 2006, 312, 2367-2378.	2.6	39
465	Tissue-Engineering the Intestine: The Trials before the Trials. Cell Stem Cell, 2019, 24, 855-859.	11.1	39
466	Advancing lung organoids for COVID-19 research. DMM Disease Models and Mechanisms, 2021, 14, .	2.4	39
467	Efficient Double Fragmentation ChIP-seq Provides Nucleotide Resolution Protein-DNA Binding Profiles. PLoS ONE, 2010, 5, e15092.	2.5	39
468	Novel Chimeric Gene Therapy Vectors Based on Adeno-Associated Virus and Four Different Mammalian Bocaviruses. Molecular Therapy - Methods and Clinical Development, 2019, 12, 202-222.	4.1	38

#	Article	IF	Citations
469	The Epithelial Cellular Adhesion Molecule (EP-Cam) Is a Ligand for the Leukocyte-Associated Immunoglobulin-like Receptor (Lair). Journal of Experimental Medicine, 2001, 194, 107-112.	8.5	37
470	Aberrantly expressed LGR4 empowers Wnt signaling in multiple myeloma by hijacking osteoblast-derived R-spondins. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 376-381.	7.1	37
471	A Human Organoid Model of Aggressive Hepatoblastoma for Disease Modeling and Drug Testing. Cancers, 2020, 12, 2668.	3.7	37
472	Immunosurveillance against tetraploidization-induced colon tumorigenesis. Cell Cycle, 2013, 12, 473-479.	2.6	36
473	Enterovirus 71 infection of human airway organoids reveals VP1-145 as a viral infectivity determinant. Emerging Microbes and Infections, 2018, 7, 1-9.	6.5	36
474	Long-Term Survival of Transplanted Autologous Canine Liver Organoids in a COMMD1-Deficient Dog Model of Metabolic Liver Disease. Cells, 2020, 9, 410.	4.1	36
475	p21 loss blocks senescence following Apc loss and provokes tumourigenesis in the renal but not the intestinal epithelium. EMBO Molecular Medicine, 2010, 2, 472-486.	6.9	35
476	Forskolin-induced swelling of intestinal organoids correlates with disease severity in adults with cystic fibrosis and homozygous F508del mutations. Journal of Cystic Fibrosis, 2020, 19, 614-619.	0.7	35
477	Patient-derived pancreatic tumour organoids identify therapeutic responses to oncolytic adenoviruses. EBioMedicine, 2020, 56, 102786.	6.1	35
478	Differential contribution of the immunoreceptor tyrosine-based inhibitory motifs of human leukocyte-associated Ig-like receptor-1 to inhibitory function and phosphatase recruitment. International Immunology, 2003, 15, 1349-1358.	4.0	34
479	Slide preparation for single-cellâ€“resolution imaging of fluorescent proteins in their three-dimensional near-native environment. Nature Protocols, 2011, 6, 1221-1228.	12.0	34
480	MAP3K1 functionally interacts with Axin1 in the canonical Wnt signalling pathway. Biological Chemistry, 2010, 391, 171-180.	2.5	33
481	Intestinal organoids as tools for enriching and studying specific and rare cell types: advances and future directions. Journal of Molecular Cell Biology, 2020, 12, 562-568.	3.3	33
482	A turquoise fluorescence lifetime-based biosensor for quantitative imaging of intracellular calcium. Nature Communications, 2021, 12, 7159.	12.8	33
483	Selectively impaired development of intestinal T cell receptor Î³Î´+ cells and liver CD4+ NK1+ T cell receptor Î±Î²+ cells in T cell factor-1-deficient mice. European Journal of Immunology, 1996, 26, 351-355.	2.9	32
484	Establishment of Pancreatic Organoids from Normal Tissue and Tumors. STAR Protocols, 2020, 1, 100192.	1.2	32
485	Mycobacteriaâ€“host interactions in human bronchiolar airway organoids. Molecular Microbiology, 2022, 117, 682-692.	2.5	32
486	The human T cell transcription factor-1 gene. Structure, localization, and promoter characterization. Journal of Biological Chemistry, 1992, 267, 8530-6.	3.4	32

#	Article	IF	Citations
487	CRISPR/Cas9-Mediated Genome Editing of Mouse Small Intestinal Organoids. Methods in Molecular Biology, 2016, 1422, 3-11.	0.9	31
488	The Schizosaccharomyces pombe mating-type gene mat-Mc encodes a sequence-specific DNA-binding high mobility group box protein. Journal of Biological Chemistry, 1993, 268, 24813-7.	3.4	31
489	In vitro grafting of hepatic spheroids and organoids on a microfluidic vascular bed. Angiogenesis, 2022, 25, 455-470.	7.2	31
490	Ectopic activation of lymphoid high mobility group-box transcription factor TCF-1 and overexpression in colorectal cancer cells. , 1997, 72, 625-630.		30
491	Transcriptional control during T-cell development. Current Opinion in Immunology, 1998, 10, 166-171.	5.5	30
492	Concise review: The Yin and Yang of intestinal (cancer) stem cells and their progenitors. Stem Cells, 2013, 31, 2287-2295.	3.2	30
493	Bioengineered bile ducts recapitulate key cholangiocyte functions. Biofabrication, 2018, 10, 034103.	7.1	30
494	Enteroendocrine Dynamics â€“ New Tools Reveal Hormonal Plasticity in the Gut. Endocrine Reviews, 2020, 41, .	20.1	30
495	LKB1 Represses ATOH1 via PDK4 and Energy Metabolism and Regulates Intestinal Stem Cell Fate. Gastroenterology, 2020, 158, 1389-1401.e10.	1.3	29
496	Characterization and expression of the murine CD3-epsilon gene.. Proceedings of the National Academy of Sciences of the United States of America, 1988, 85, 8623-8627.	7.1	28
497	LGR4 expressed in uterine epithelium is necessary for uterine gland development and contributes to decidualization in mice. FASEB Journal, 2013, 27, 4917-4928.	0.5	28
498	Germline deletions in the tumour suppressor gene <scp>FOCAD</scp> are associated with polyposis and colorectal cancer development. Journal of Pathology, 2015, 236, 155-164.	4.5	28
499	A bipotential organoid model of respiratory epithelium recapitulates high infectivity of SARS-CoV-2 Omicron variant. Cell Discovery, 2022, 8, .	6.7	28
500	Wnt Signaling: Ig-Norrin the Dogma. Current Biology, 2004, 14, R436-R437.	3.9	27
501	Occult progression byApc-deficient intestinal crypts as a target for chemoprevention. Carcinogenesis, 2014, 35, 237-246.	2.8	27
502	Repairing organs: lessons from intestine and liver. Trends in Genetics, 2015, 31, 344-351.	6.7	27
503	Adult mouse and human organoids derived from thyroid follicular cells and modeling of Gravesâ€™ hyperthyroidism. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	27
504	Ovarian LGR5 is critical for successful pregnancy. FASEB Journal, 2014, 28, 2380-2389.	0.5	26

#	Article	IF	Citations
505	Distinct Cellular Basis for Early Cardiac Arrhythmias, the Cardinal Manifestation of Arrhythmogenic Cardiomyopathy, and the Skin Phenotype of Cardiocutaneous Syndromes. Circulation Research, 2017, 121, 1346-1359.	4.5	26
506	How the COVID-19 pandemic highlights the necessity of animal research. Current Biology, 2020, 30, R1014-R1018.	3.9	26
507	Loss of Rnf43 Accelerates Kras-Mediated Neoplasia and Remodels the Tumor Immune Microenvironment in Pancreatic Adenocarcinoma. Gastroenterology, 2022, 162, 1303-1318.e18.	1.3	26
508	Sox9 marks adult organ progenitors. Nature Genetics, 2011, 43, 9-10.	21.4	25
509	Functional redundancy between Apc and Apc2 regulates tissue homeostasis and prevents tumorigenesis in murine mammary epithelium. Oncogene, 2017, 36, 1793-1803.	5.9	25
510	Establishment and characterization of a canine keratinocyte organoid culture system. Veterinary Dermatology, 2018, 29, 375.	1.2	25
511	Human-Derived Model Systems in Gynecological Cancer Research. Trends in Cancer, 2020, 6, 1031-1043.	7.4	25
512	Sox15, a novel member of the murineSoxfamily of HMG box transcription factors. Nucleic Acids Research, 1993, 21, 1669-1669.	14.5	24
513	Searching for adult stem cells in the intestine. EMBO Molecular Medicine, 2009, 1, 255-259.	6.9	24
514	Lgr4 Controls Specialization of Female Gonads in Mice1. Biology of Reproduction, 2015, 93, 90.	2.7	24
515	The frontier of live tissue imaging across space and time. Cell Stem Cell, 2021, 28, 603-622.	11.1	24
516	Modelling of primary ciliary dyskinesia using patientâ€derived airway organoids. EMBO Reports, 2021, 22, e52058.	4.5	24
517	Fishing for Intestinal Cancer Models: Unraveling Gastrointestinal Homeostasis and Tumorigenesis in Zebrafish. Zebrafish, 2009, 6, 361-376.	1.1	23
518	Eyeing Up New Wnt Pathway Players. Cell, 2009, 139, 227-229.	28.9	23
519	SIRT1 inhibitors mitigate radiation-induced GI syndrome by enhancing intestinal-stem-cell survival. Cancer Letters, 2021, 501, 20-30.	7.2	23
520	Cysteamineâ€“bicalutamide combination therapy corrects proximal tubule phenotype in cystinosis. EMBO Molecular Medicine, 2021, 13, e13067.	6.9	23
521	Identification of novel human Wnt target genes using adult endodermal tissue-derived organoids. Developmental Biology, 2021, 474, 37-47.	2.0	23
522	Mule Regulates the Intestinal Stem Cell Niche via the Wnt Pathway and Targets EphB3 for Proteasomal and Lysosomal Degradation. Cell Stem Cell, 2016, 19, 205-216.	11.1	21

#	Article	IF	Citations
523	Three-dimensional single-cell imaging for the analysis of RNA and protein expression in intact tumour biopsies. Nature Biomedical Engineering, 2020, 4, 875-888.	22.5	21
524	Primary Intestinal Epithelial Organoid Culture. Methods in Molecular Biology, 2020, 2171, 185-200.	0.9	21
525	Loss of the Wnt receptor Frizzled7 in the gastric epithelium is deleterious and triggers rapid repopulation in vivo. DMM Disease Models and Mechanisms, 2017, 10, 971-980.	2.4	20
526	The Organoid Platform: Promises and Challenges as Tools in the Fight against COVID-19. Stem Cell Reports, 2021, 16, 412-418.	4.8	20
527	The human TCF-1 gene encodes a nuclear DNA-binding protein uniquely expressed in normal and neoplastic T-lineage lymphocytes. Blood, 1995, 86, 3050-9.	1.4	20
528	HMG box proteins in early T-cell differentiation. Thymus, 1993, 22, 67-81.	0.5	20
529	T-Cell Factor 4 (tcf7l2) Is the Main Effector of Wnt Signaling During Zebrafish Intestine Organogenesis. Zebrafish, 2009, 6, 59-68.	1.1	19
530	Troy/TNFRSF19 marks epithelial progenitor cells during mouse kidney development that continue to contribute to turnover in adult kidney. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E11190-E11198.	7.1	19
531	Patient-derived oral mucosa organoids as an in vitro model for methotrexate induced toxicity in pediatric acute lymphoblastic leukemia. PLoS ONE, 2020, 15, e0231588.	2.5	19
532	Conformation-specific inhibitors of activated Ras GTPases reveal limited Ras dependency of patient-derived cancer organoids. Journal of Biological Chemistry, 2020, 295, 4526-4540.	3.4	19
533	Disease modeling following organoid-based expansion of airway epithelial cells. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2021, 321, L775-L786.	2.9	19
534	The sequence-specific high mobility group 1 box of TCF-1 adopts a predominantly alpha-helical conformation in solution. Journal of Biological Chemistry, 1993, 268, 18083-7.	3.4	19
535	Modulating WNT receptor turnover for tissue repair. Nature Biotechnology, 2012, 30, 835-836.	17.5	18
536	An EphB-Abl signaling pathway is associated with intestinal tumor initiation and growth. Science Translational Medicine, 2015, 7, 281ra44.	12.4	18
537	The Generation of Organoids for Studying Wnt Signaling. Methods in Molecular Biology, 2016, 1481, 141-159.	0.9	18
538	Identification of a discrete subpopulation of spinal cord ependymal cells with neural stem cell properties. Cell Reports, 2022, 38, 110440.	6.4	18
539	Colon Tumors in Enterotoxigenic Bacteroides fragilis (ETBF)-Colonized Mice Do Not Display a Unique Mutational Signature but Instead Possess Host-Dependent Alterations in the APC Gene. Microbiology Spectrum, 2022, 10, e0105522.	3.0	18
540	Leucine-rich Repeat-containing G-protein-coupled Receptor 5 Marks Short-term Hematopoietic Stem and Progenitor Cells during Mouse Embryonic Development. Journal of Biological Chemistry, 2014, 289, 23809-23816.	3.4	17

#	Article	IF	Citations
541	Paneth cells. Current Biology, 2014, 24, R547-R548.	3.9	17
542	Arrest of WNT/Î²-catenin signaling enables the transition from pluripotent to differentiated germ cells in mouse ovaries. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	17
543	Circumvention of Tolerance for the Nuclear T Cell Protein TCF-1 by Immunization of TCF-1 Knock-Out Mice. Immunobiology, 1995, 193, 281-287.	1.9	16
544	Transcription Factor Target Practice. Cell, 2006, 124, 21-23.	28.9	16
545	Intestinal Regeneration: YAPâ€"Tumor Suppressor and Oncoprotein?. Current Biology, 2013, 23, R110-R112.	3.9	16
546	Deficiency of the SMOC2 matricellular protein impairs bone healing and produces age-dependent bone loss. Scientific Reports, 2020, 10, 14817.	3.3	16
547	The transmembrane orientation of the Îµ chain of the TcR/CD3 complex. European Journal of Immunology, 1988, 18, 705-710.	2.9	15
548	In vivo mucosal uptake, mucosal transfer and retention of iron in mice. Laboratory Animals, 1997, 31, 264-270.	1.0	14
549	TheSox-13Gene: Structure, Promoter Characterization, and Chromosomal Localization. Genomics, 1999, 57, 301-305.	2.9	14
550	Inflammatory Bowel Disease, Stress, and the Endoplasmic Reticulum. New England Journal of Medicine, 2009, 360, 726-727.	27.0	14
551	The H3.3K27M oncohistone affects replication stress outcome and provokes genomic instability in pediatric glioma. PLoS Genetics, 2021, 17, e1009868.	3.5	14
552	Early invasion of the bladder wall by solitary bacteria protects UPEC from antibiotics and neutrophil swarms in an organoid model. Cell Reports, 2021, 36, 109351.	6.4	13
553	Derivation of snake venom gland organoids for in vitro venom production. Nature Protocols, 2021, 16, 1494-1510.	12.0	13
554	Organoid Studies in COVID-19 Research. International Journal of Stem Cells, 2022, 15, 3-13.	1.8	13
555	Animal models of congenital defects in the ventriculoarterial connection of the heart. Journal of Molecular Medicine, 1997, 75, 551-566.	3.9	12
556	Drosophila RpS3a, a novel Minute gene situated between the segment polarity genescubitus interruptus and dTCF. Nucleic Acids Research, 1998, 26, 4471-4475.	14.5	12
557	Method for estimating the single molecular affinity. Analytical Biochemistry, 2012, 421, 794-796.	2.4	12
558	Polarizing intestinal epithelial cells electrically through Ror2. Journal of Cell Science, 2014, 127, 3233-9.	2.0	12

#	Article	IF	Citations
559	IÎºBNS enhances follicular helper T-cell differentiation and function downstream of ASCl2. Journal of Allergy and Clinical Immunology, 2017, 140, 288-291.e8.	2.9	11
560	Molecular characterization of Barrettâ€™s esophagus at single-cell resolution. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	11
561	Title is missing!. Nature Genetics, 2001, 28, 3-4.	21.4	10
562	Inflating Cell Numbers by Wnt. Molecular Cell, 2002, 10, 1260-1261.	9.7	10
563	The Paneth Cell, Caloric Restriction, and Intestinal Integrity. New England Journal of Medicine, 2012, 367, 1560-1561.	27.0	10
564	Host phospholipid peroxidation fuels ExoU-dependent cell necrosis and supports Pseudomonas aeruginosa-driven pathology. PLoS Pathogens, 2021, 17, e1009927.	4.7	10
565	Cloning, sequencing and expression of the bovine CD3Îµ and TCR-Î¶ chains, two invariant components of the T-cell receptor complex. Gene, 1996, 169, 165-171.	2.2	9
566	Loss of Tcf7 diminishes hematopoietic stem/progenitor cell function. Leukemia, 2013, 27, 1613-1614.	7.2	9
567	The potential and challenges of patient-derived organoids in guiding the multimodality treatment of upper gastrointestinal malignancies. Open Biology, 2020, 10, 190274.	3.6	9
568	HB4 antibody recognizes a carbohydrate structure on lymphocyte surface proteins related to HB6, CDw75, and CD76 antigens. Journal of Immunology, 1993, 150, 4911-9.	0.8	9
569	Adaptive response of iron absorption to anemia, increased erythropoiesis, iron deficiency, and iron loading in beta2-microglobulin knockout mice. Blood, 1998, 91, 3059-65.	1.4	9
570	Tales of the Unexpected: Tcf1 Functions as a Tumor Suppressor for Leukemias. Immunity, 2012, 37, 761-763.	14.3	8
571	Beyond growth signaling: Paneth cells metabolically support ISCs. Cell Research, 2017, 27, 851-852.	12.0	8
572	Medium-Throughput Drug- and Radiotherapy Screening Assay using Patient-Derived Organoids. Journal of Visualized Experiments, 2021, , .	0.3	8
573	Analysis of the glyco-code in pancreatic ductal adenocarcinoma identifies glycan-mediated immune regulatory circuits. Communications Biology, 2022, 5, 41.	4.4	8
574	Human liver organoids for disease modeling of fibrolamellar carcinoma. Stem Cell Reports, 2022, , .	4.8	8
575	Armadillo takes the APC shuttle. Nature Cell Biology, 2000, 2, E177-E178.	10.3	7
576	Expanding intestinal stem cells in culture. Cell Research, 2015, 25, 995-996.	12.0	7

#	Article	IF	Citations
577	Gut Microbiota in Colorectal Cancer: Associations, Mechanisms, and Clinical Approaches. Annual Review of Cancer Biology, 2022, 6, 65-84.	4.5	7
578	EWSR1-WT1 Target Genes and Therapeutic Options Identified in a Novel DSRCT In Vitro Model. Cancers, 2021, 13, 6072.	3.7	7
579	Signaling Mucins in the (S)limelight. Developmental Cell, 2004, 7, 150-151.	7.0	6
580	RNF43/ZNRF3 negatively regulates taste tissue homeostasis and positively regulates dorsal lingual epithelial tissue homeostasis. Stem Cell Reports, 2022, 17, 369-383.	4.8	6
581	Heterodimeric complex formation with CD8 and TCR by bispecific antibody sustains paracrine IL-2-dependent growth of CD3+ CD8+ T cells. Journal of Immunology, 1992, 149, 1840-6.	0.8	6
582	An assay for the identification of antigens recognized by cytotoxic T cells, based on transient transfection of COS cells. Journal of Immunological Methods, 1995, 187, 95-101.	1.4	5
583	On Stem Cells, Organoids and Human Disease. European Review, 2020, 28, 1-5.	0.7	5
584	Transcription factor Ascl2 promotes germinal center B cell responses by directly regulating AID transcription. Cell Reports, 2021, 35, 109188.	6.4	5
585	Genomic organization of the segment polarity gene pan in Drosophila melanogaster. Molecular Genetics and Genomics, 1998, 258, 45-52.	2.4	4
586	Who Is in the Driverâ€™s Seat: Tracing Cancer Genes Using CRISPR-Barcoding. Molecular Cell, 2016, 63, 352-354.	9.7	4
587	Catenins, Wnt signaling and cancer. BioEssays, 2000, 22, 961-965.	2.5	4
588	Radical Sabbaticals. Cell, 2015, 163, 788-789.	28.9	3
589	IFN-Î³: The T cellâ€™s license to kill stem cells in the inflamed intestine. Science Immunology, 2019, 4, .	11.9	3
590	Neural stem cells for diabetes cellâ€based therapy. EMBO Molecular Medicine, 2011, 3, 698-700.	6.9	2
591	Oncogene-inducible organoids as a miniature platform to assess cancer characteristics. Journal of Cell Biology, 2017, 216, 1505-1507.	5.2	2
592	Everything has its time: Id2 clocks embryonic specification of Lgr5 ⁺ gut stem cells. EMBO Journal, 2017, 36, 837-839.	7.8	2
593	The Intestinal Stem Cell Compartment is the Initial Target of T Cell Invasion in GI Gvhd. Biology of Blood and Marrow Transplantation, 2018, 24, S67.	2.0	2
594	National Heart, Lung, and Blood Institute and Building Respiratory Epithelium and Tissue for Health (BREATH) Consortium Workshop Report: Moving Forward in Lung Regeneration. American Journal of Respiratory Cell and Molecular Biology, 2021, 65, 22-29.	2.9	2

#	Article	IF	Citations
595	Troy/Tnfrsf19 marks epidermal cells that govern interfollicular epidermal renewal and cornification. Stem Cell Reports, 2021, 16, 2379-2394.	4.8	2
596	Putative myeloma precursor cells expressing 2,6 sialic acid-modified antigens actually belong to the erythroid lineage. Leukemia Research, 1998, 22, 163-173.	0.8	1
597	A transgenic mouse model for "lipid hang-up", or why pathologists need to be involved in genetically engineered mouse modelling. Gut, 2008, 57, 1739-1740.	12.1	1
598	Wnts as Self-Renewal Factors: Mammary Stem Cells and Beyond. Cell Stem Cell, 2010, 6, 494-495.	11.1	1
599	Clinical evidence for an association between familial adenomatous polyposis and type II diabetes. International Journal of Cancer, 2012, 131, 1488-1489.	5.1	1
600	Head and neck squamous cell carcinoma organoids as a platform for personalized medicine. Annals of Oncology, 2018, 29, vi8.	1.2	1
601	The Myofibroblastsâ€™ War on Drugs. Developmental Cell, 2018, 46, 669-670.	7.0	1
602	ROCKinâ€™ Intestinal Cell Fate: A Potential Avenue to Improve Glucose Sensitivity. Gastroenterology, 2018, 155, 974-976.	1.3	1
603	LGR5 Mediates Positive B-Cell Selection and is Critical for Survival of Normal and Transformed B Cells. Experimental Hematology, 2018, 64, S59-S60.	0.4	1
604	Patient-Derived Organoids (PDO) As the Potential Model to Predict Treatment Outcome of Rectal Cancer Patients Underwent Neo-Adjuvant Chemoradiotherapy. International Journal of Radiation Oncology Biology Physics, 2019, 105, S106.	0.8	1
605	Induction of different human enteroendocrine cells in intestinal organoids. Protocol Exchange, 0, , .	0.3	1
606	Thymocyte Development. Immunity, 2003, 19, 157-158.	14.3	0
607	Giving APCmin tumours a SPARC. Gut, 2007, 56, 1341-1343.	12.1	0
608	Et in Arcadia Ego: Addressing Cancer, Death and Immortality Using Science. Leonardo, 2017, 50, 197-198.	0.3	0
609	Expanding Impact of Stem Cell Science. Stem Cell Reports, 2018, 10, 1427-1428.	4.8	0
610	Drug Repurposing Screen on Patient-Derived Organoids Identifies New Therapeutic Drug Combination Against KRAS Mutant Colon Cancer. SSRN Electronic Journal, 0, , .	0.4	0
611	PolyG-DS: An ultrasensitive polyguanine tractâ€“profiling method to detect clonal expansions and trace cell lineage. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, e2023373118.	7.1	0
612	Title is missing!. , 2020, 15, e0231588.		0

#	Article	IF	Citations
613	Title is missing!. , 2020, 15, e0231588.		0
614	Title is missing!. , 2020, 15, e0231588.		0
615	Title is missing!. , 2020, 15, e0231588.		0