Hiroyuki Miyoshi

List of Publications by Year
in descending order

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49 papers	7,445 citations	172457 29 h-index	197818 49 g-index
49 all docs	49 docs citations	49 times ranked	13652 citing authors

#	Article	IF	Citations
1	The therapeutic potential of multiclonal tumoricidal T cells derived from tumor infiltrating lymphocyte-derived iPS cells. Communications Biology, 2021, 4, 694.	4.4	18
2	Dual blockade of macropinocytosis and asparagine bioavailability shows synergistic anti-tumor effects on KRAS-mutant colorectal cancer. Cancer Letters, 2021, 522, 129-141.	7.2	12
3	EpCAM (CD326) Regulates Intestinal Epithelial Integrity and Stem Cells via Rho-Associated Kinase. Cells, 2021, 10, 256.	4.1	9
4	Frequent mutations that converge on the NFKBIZ pathway in ulcerative colitis. Nature, 2020, 577, 260-265.	27.8	168
5	Chemosensitivity of Patient-Derived Cancer Stem Cells Identifies Colorectal Cancer Patients with Potential Benefit from FGFR Inhibitor Therapy. Cancers, 2020, 12, 2010.	3.7	9
6	Lineage tracing and targeting of IL17RB ⁺ tuft cell-like human colorectal cancer stem cells. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 12996-13005.	7.1	49
7	MicroRNA-9-5p-CDX2 Axis: A Useful Prognostic Biomarker for Patients with Stage II/III Colorectal Cancer. Cancers, 2019, 11, 1891.	3.7	9
8	Arid1a is essential for intestinal stem cells through Sox9 regulation. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 1704-1713.	7.1	26
9	Enhancing T Cell Receptor Stability in Rejuvenated iPSC-Derived T Cells Improves Their Use in Cancer Immunotherapy. Cell Stem Cell, 2018, 23, 850-858.e4.	11.1	110
10	A Chemosensitivity Study of Colorectal Cancer Using Xenografts of Patient-Derived Tumor-Initiating Cells. Molecular Cancer Therapeutics, 2018, 17, 2187-2196.	4.1	17
11	Transgenic mice that accept Luciferaseâ€•or GFPâ€expressing syngeneic tumor cells at high efficiencies. Genes To Cells, 2018, 23, 580-589.	1.2	15
12	An improved method for culturing patient-derived colorectal cancer spheroids. Oncotarget, 2018, 9, 21950-21964.	1.8	29
13	Accurate diagnosis of mismatch repair deficiency in colorectal cancer using high-quality DNA samples from cultured stem cells. Oncotarget, 2018, 9, 37534-37548.	1.8	3
14	Distinct Roles of HES1 in Normal Stem Cells and Tumor Stem-like Cells of the Intestine. Cancer Research, 2017, 77, 3442-3454.	0.9	23
15	Prostaglandin E2 promotes intestinal repair through an adaptive cellular response of theÂepithelium. EMBO Journal, 2017, 36, 5-24.	7.8	179
16	Wnt-expressing cells in the intestines: guides for tissue remodeling. Journal of Biochemistry, 2017, 161, 19-25.	1.7	17
17	Expression of metastasis suppressor gene <scp>AES</scp> driven by a Yin Yang (<scp>YY</scp>) element in a CpG island promoter and transcription factor <scp>YY</scp>2. Cancer Science, 2016, 107, 1622-1631.	3.9	17
18	Butyrate and bioactive proteolytic form of Wnt-5a regulate colonic epithelial proliferation and spatial development. Scientific Reports, 2016, 6, 32094.	3.3	28

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19	O-013â€ƒDefining the Basis of Epithelial Defects in CrohnÊ¼s Using Intestinal Spheroid Culture. Inflammatory Bowel Diseases, 2016, 22, S1-S80.	1.9	1
20	Identification of Aging-Associated Gene Expression Signatures That Precede Intestinal Tumorigenesis. PLoS ONE, 2016, 11, e0162300.	2.5	7
21	Development of an enhanced human gastrointestinal epithelial culture system to facilitate patient-based assays. Gut, 2015, 64, 911-920.	12.1	410
22	Type I Interferons Link Viral Infection to Enhanced Epithelial Turnover and Repair. Cell Host and Microbe, 2015, 17, 85-97.	11.0	78
23	Inhibition of Cyclooxygenase-2 Prevents Chronic and Recurrent Cystitis. EBioMedicine, 2014, 1, 46-57.	6.1	92
24	The Young and the Wnt-less: Transplantable Fetal Intestinal Spheroids without Wnts. Cell Stem Cell, 2013, 13, 637-638.	11.1	3
25	In vitro expansion and genetic modification of gastrointestinal stem cells in spheroid culture. Nature Protocols, 2013, 8, 2471-2482.	12.0	593
26	Autophagy proteins control goblet cell function by potentiating reactive oxygen species production. EMBO Journal, 2013, 32, 3130-3144.	7.8	216
27	Counteracting stem cell expansion during wound repair. Cell Cycle, 2013, 12, 387-388.	2.6	5
28	A Novel Strategy to Increase the Proliferative Potential of Adult Human Î²-Cells While Maintaining Their Differentiated Phenotype. PLoS ONE, 2013, 8, e66131.	2.5	32
29	Wnt5a Potentiates TGF-Î² Signaling to Promote Colonic Crypt Regeneration After Tissue Injury. Science, 2012, 338, 108-113.	12.6	402
30	Igf2bp1 Is Required for Full Induction of Ptgs2 mRNA in Colonic Mesenchymal Stem Cells in Mice. Gastroenterology, 2012, 143, 110-121.e10.	1.3	66
31	Nonmyelinating Schwann Cells Maintain Hematopoietic Stem Cell Hibernation in the Bone Marrow Niche. Cell, 2011, 147, 1146-1158.	28.9	654
32	LKB1 Suppresses p21-activated Kinase-1 (PAK1) by Phosphorylation of Thr109 in the p21-binding Domain. Journal of Biological Chemistry, 2010, 285, 18283-18290.	3.4	32
33	CDX Transcription Factors Positively Regulate Expression of Solute Carrier Family 5, Member 8 in the Colonic Epithelium. Gastroenterology, 2010, 138, 627-635.	1.3	24
34	Efficient colonic mucosal wound repair requires Trem2 signaling. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 256-261.	7.1	248
35	Hepatocellular carcinoma development induced by conditional Î²â€catenin activation in Lkb1^{+/â€“} mice. Cancer Science, 2009, 100, 2046-2053.	3.9	32
36	The Role of Stromal Stem Cells in Tissue Regeneration and Wound Repair. Science, 2009, 324, 1666-1669.	12.6	304

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37	A key role for autophagy and the autophagy gene Atg16l1 in mouse and human intestinal Paneth cells. Nature, 2008, 456, 259-263.	27.8	1,341
38	Berberine and Its More Biologically Available Derivative, Dihydroberberine, Inhibit Mitochondrial Respiratory Complex I. Diabetes, 2008, 57, 1414-1418.	0.6	470
39	Suppression of Tubulin Polymerization by the LKB1-Microtubule-associated Protein/Microtubule Affinity-regulating Kinase Signaling. Journal of Biological Chemistry, 2007, 282, 23532-23540.	3.4	51
40	Chromosomal instability by Î²-catenin/TCF transcription in APC or Î²-catenin mutant cells. Oncogene, 2007, 26, 3511-3520.	5.9	74
41	SMAD4-deficient intestinal tumors recruit CCR1+ myeloid cells that promote invasion. Nature Genetics, 2007, 39, 467-475.	21.4	258
42	Accelerated onsets of gastric hamartomas and hepatic adenomas/carcinomas in Lkb1+/â^'p53â^'/â^' compound mutant mice. Oncogene, 2006, 25, 1816-1820.	5.9	32
43	Targeted disruption of G protein-coupled bile acid receptor 1 (Gpbar1/M-Bar) in mice. Journal of Endocrinology, 2006, 191, 197-205.	2.6	253
44	A Targeted Mutation of Nkd1 Impairs Mouse Spermatogenesis. Journal of Biological Chemistry, 2005, 280, 2831-2839.	3.4	41
45	Simultaneous expression of COX-2 and mPGES-1 in mouse gastrointestinal hamartomas. British Journal of Cancer, 2004, 90, 701-704.	6.4	28
46	Lack of tumorigenesis in the mouse liver after adenovirus-mediated expression of a dominant stable mutant of beta-catenin. Cancer Research, 2002, 62, 1971-7.	0.9	137
47	Gastrointestinal hamartomatous polyposis in Lkb1 heterozygous knockout mice. Cancer Research, 2002, 62, 2261-6.	0.9	154
48	Hepatocellular carcinoma caused by loss of heterozygosity in Lkb1 gene knockout mice. Cancer Research, 2002, 62, 4549-53.	0.9	104
49	Intestinal Tumorigenesis in Compound Mutant Mice of both Dpc4(Smad4) and Apc Genes. Cell, 1998, 92, 645-656.	28.9	565