

Tetsuya Nakamura

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

3,215
citations

257450

24
h-index

223800

46
g-index

50
all docs

50
docs citations

50
times ranked

4666
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional engraftment of colon epithelium expanded in vitro from a single adult Lgr5+ stem cell. <i>Nature Medicine</i> , 2012, 18, 618-623.	30.7	681
2	YAP/TAZ-Dependent Reprogramming of Colonic Epithelium Links ECM Remodeling to Tissue Regeneration. <i>Cell Stem Cell</i> , 2018, 22, 35-49.e7.	11.1	447
3	Transplantation of Expanded Fetal Intestinal Progenitors Contributes to Colon Regeneration after Injury. <i>Cell Stem Cell</i> , 2013, 13, 734-744.	11.1	329
4	Small intestinal stem cell identity is maintained with functional Paneth cells in heterotopically grafted epithelium onto the colon. <i>Genes and Development</i> , 2014, 28, 1752-1757.	5.9	148
5	Co-culture with intestinal epithelial organoids allows efficient expansion and motility analysis of intraepithelial lymphocytes. <i>Journal of Gastroenterology</i> , 2016, 51, 206-213.	5.1	147
6	Requirement of Notch activation during regeneration of the intestinal epithelia. <i>American Journal of Physiology - Renal Physiology</i> , 2009, 296, G23-G35.	3.4	146
7	Reconstruction of the Human Colon Epithelium In Vivo. <i>Cell Stem Cell</i> , 2018, 22, 171-176.e5.	11.1	146
8	Crosstalk between Wnt and Notch signaling in intestinal epithelial cell fate decision. <i>Journal of Gastroenterology</i> , 2007, 42, 705-710.	5.1	140
9	Interferon Regulatory Factor 1 (IRF-1) and IRF-2 Distinctively Up-Regulate Gene Expression and Production of Interleukin-7 in Human Intestinal Epithelial Cells. <i>Molecular and Cellular Biology</i> , 2004, 24, 6298-6310.	2.3	113
10	Advancing Intestinal Organoid Technology Toward Regenerative Medicine. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2018, 5, 51-60.	4.5	94
11	Single cell analysis of Crohn's disease patient-derived small intestinal organoids reveals disease activity-dependent modification of stem cell properties. <i>Journal of Gastroenterology</i> , 2018, 53, 1035-1047.	5.1	73
12	High-fat diet-derived free fatty acids impair the intestinal immune system and increase sensitivity to intestinal epithelial damage. <i>Biochemical and Biophysical Research Communications</i> , 2020, 522, 971-977.	2.1	66
13	Contribution of ATOH1+ Cells to the Homeostasis, Repair, and Tumorigenesis of the Colonic Epithelium. <i>Stem Cell Reports</i> , 2018, 10, 27-42.	4.8	46
14	Myosin Light Chain Kinase Expression Induced via Tumor Necrosis Factor Receptor 2 Signaling in the Epithelial Cells Regulates the Development of Colitis-Associated Carcinogenesis. <i>PLoS ONE</i> , 2014, 9, e88369.	2.5	44
15	Hes1 promotes the IL-22-mediated antimicrobial response by enhancing STAT3-dependent transcription in human intestinal epithelial cells. <i>Biochemical and Biophysical Research Communications</i> , 2014, 443, 840-846.	2.1	43
16	Differentiation of Oligodendrocyte Precursor Cells from Sox10-Venus Mice to Oligodendrocytes and Astrocytes. <i>Scientific Reports</i> , 2017, 7, 14133.	3.3	43
17	Transplantation of intestinal organoids into a mouse model of colitis. <i>Nature Protocols</i> , 2022, 17, 649-671.	12.0	39
18	Long-term Inflammation Transforms Intestinal Epithelial Cells of Colonic Organoids. <i>Journal of Crohn's and Colitis</i> , 2017, 11, j1w186.	1.3	34

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19	Proteasomal degradation of Atoh1 by aberrant Wnt signaling maintains the undifferentiated state of colon cancer. <i>Biochemical and Biophysical Research Communications</i> , 2008, 368, 923-929.	2.1	33
20	RIPK3 regulates p62-LC3 complex formation via the caspase-8-dependent cleavage of p62. <i>Biochemical and Biophysical Research Communications</i> , 2015, 456, 298-304.	2.1	33
21	PGE2 is a direct and robust mediator of anion/fluid secretion by human intestinal epithelial cells. <i>Scientific Reports</i> , 2016, 6, 36795.	3.3	32
22	Comparative anatomical and neurohistological observations on the tongue of the pangolin (<i>Manis</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.8	29
23	Distinct expression patterns of Notch ligands, Dll1 and Dll4, in normal and inflamed mice intestine. <i>PeerJ</i> , 2014, 2, e370.	2.0	27
24	Novel polyubiquitin imaging system, PolyUb-FC, reveals that K33-linked polyubiquitin is recruited by SQSTM1/p62. <i>Autophagy</i> , 2018, 14, 347-358.	9.1	25
25	Ubiquitin D is Upregulated by Synergy of Notch Signalling and TNF- α in the Inflamed Intestinal Epithelia of IBD Patients. <i>Journal of Crohn's and Colitis</i> , 2019, 13, 495-509.	1.3	25
26	Recent progress in organoid culture to model intestinal epithelial barrier functions. <i>International Immunology</i> , 2019, 31, 13-21.	4.0	25
27	Atonal homolog 1 protein stabilized by tumor necrosis factor α induces high malignant potential in colon cancer cell line. <i>Cancer Science</i> , 2015, 106, 1000-1007.	3.9	20
28	The acquisition of malignant potential in colon cancer is regulated by the stabilization of Atonal homolog 1 protein. <i>Biochemical and Biophysical Research Communications</i> , 2013, 432, 175-181.	2.1	19
29	Establishment of a system to evaluate the therapeutic effect and the dynamics of an investigational drug on ulcerative colitis using human colonic organoids. <i>Journal of Gastroenterology</i> , 2019, 54, 608-620.	5.1	19
30	Delta-like 1 expression promotes goblet cell differentiation in Notch-inactivated human colonic epithelial cells. <i>Biochemical and Biophysical Research Communications</i> , 2010, 393, 662-667.	2.1	18
31	<i>TP53</i> Mutation by CRISPR System Enhances the Malignant Potential of Colon Cancer. <i>Molecular Cancer Research</i> , 2019, 17, 1459-1467.	3.4	15
32	HADHA, the alpha subunit of the mitochondrial trifunctional protein, is involved in long-chain fatty acid-induced autophagy in intestinal epithelial cells. <i>Biochemical and Biophysical Research Communications</i> , 2017, 484, 636-641.	2.1	14
33	Intraepithelial Lymphocytes Suppress Intestinal Tumor Growth by Cell-to-Cell Contact via CD103/E-Cadherin Signal. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2021, 11, 1483-1503.	4.5	14
34	Schlafen 11 Is a Novel Target for Mucosal Regeneration in Ulcerative Colitis. <i>Journal of Crohn's and Colitis</i> , 2021, 15, 1558-1572.	1.3	13
35	Indispensable role of Notch ligand-dependent signaling in the proliferation and stem cell niche maintenance of APC-deficient intestinal tumors. <i>Biochemical and Biophysical Research Communications</i> , 2017, 482, 1296-1303.	2.1	12
36	Intestinal stem cell transplantation. <i>Journal of Gastroenterology</i> , 2017, 52, 151-157.	5.1	11

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37	Fluorescent labelling of intestinal epithelial cells reveals independent long-lived intestinal stem cells in a crypt. <i>Biochemical and Biophysical Research Communications</i> , 2014, 454, 493-499.	2.1	10
38	Retinol Promotes In Vitro Growth of Proximal Colon Organoids through a Retinoic Acid-Independent Mechanism. <i>PLoS ONE</i> , 2016, 11, e0162049.	2.5	9
39	Distinct intestinal adaptation for vitamin B12 and bile acid absorption revealed in a new mouse model of massive ileocecal resection. <i>Biology Open</i> , 2017, 6, 1364-1374.	1.2	7
40	B cell activation in the cecal patches during the development of an experimental colitis model. <i>Biochemical and Biophysical Research Communications</i> , 2018, 496, 367-373.	2.1	7
41	<i>CCN3</i> Expression Marks a Sulfomucin-nonproducing Unique Subset of Colonic Goblet Cells in Mice. <i>Acta Histochemica Et Cytochemica</i> , 2017, 50, 159-168.	1.6	6
42	Current Pharmacologic Therapies and Emerging Alternatives in the Treatment of Ulcerative Colitis. <i>Digestion</i> , 2008, 77, 36-41.	2.3	5
43	Data showing proliferation and differentiation of intestinal epithelial cells under targeted depletion of Notch ligands in mouse intestine. <i>Data in Brief</i> , 2017, 10, 551-556.	1.0	3
44	Defined serum-free culture of human infant small intestinal organoids with predetermined doses of Wnt3a and R-spondin1 from surgical specimens. <i>Pediatric Surgery International</i> , 2021, 37, 1543-1554.	1.4	3
45	CD8 \pm T cells show amoeboid shape and frequent morphological change in vitro, and localize to small intestinal intraepithelial region in vivo. <i>Biochemical and Biophysical Research Communications</i> , 2020, 523, 328-335.	2.1	1
46	The Innervation of the Human Gallbladder. <i>Okajimas Folia Anatomica Japonica</i> , 1962, 38, 331-353.	1.2	1
47	A case of gastric type adenocarcinoma of the stomach. <i>Progress of Digestive Endoscopy</i> , 2004, 65, 70-71.	0.0	0
48	Epithelial regeneration by transplantation of cultured intestinal stem cells. <i>Inflammation and Regeneration</i> , 2015, 35, 019-022.	3.7	0