Kim Bak Jensen

List of Publications by Year
in descending order

68 papers	4,506 citations	172457 29 h-index	118850 62 g-index
74 all docs	74 docs citations	74 times ranked	6661 citing authors

#	Article	IF	Citations
1	Lrig1 Expression Defines a Distinct Multipotent Stem Cell Population in Mammalian Epidermis. Cell Stem Cell, 2009, 4, 427-439.	11.1	450
2	YAP/TAZ-Dependent Reprogramming of Colonic Epithelium Links ECM Remodeling to Tissue Regeneration. Cell Stem Cell, 2018, 22, 35-49.e7.	11.1	447
3	Lrig1 controls intestinal stem-cell homeostasis by negative regulation of ErbB signalling. Nature Cell Biology, 2012, 14, 401-408.	10.3	350
4	Transplantation of Expanded Fetal Intestinal Progenitors Contributes to Colon Regeneration after Injury. Cell Stem Cell, 2013, 13, 734-744.	11.1	329
5	Sox2-positive dermal papilla cells specify hair follicle type in mammalian epidermis. Development (Cambridge), 2009, 136, 2815-2823.	2.5	297
6	Single-cell expression profiling of human epidermal stem and transit-amplifying cells: Lrig1 is a regulator of stem cell quiescence. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 11958-11963.	7.1	286
7	The Epidermis Comprises Autonomous Compartments Maintained by Distinct Stem Cell Populations. Cell Stem Cell, 2013, 13, 471-482.	11.1	268
8	Reconstruction of the mouse extrahepatic biliary tree using primary human extrahepatic cholangiocyte organoids. Nature Medicine, 2017, 23, 954-963.	30.7	210
9	Assaying proliferation and differentiation capacity of stem cells using disaggregated adult mouse epidermis. Nature Protocols, 2010, 5, 898-911.	12.0	174
10	Epidermal stem cell diversity and quiescence. EMBO Molecular Medicine, 2009, 1, 260-267.	6.9	162
11	Tracing the origin of adult intestinal stem cells. Nature, 2019, 570, 107-111.	27.8	107
12	Heterogeneity and plasticity of epidermal stem cells. Development (Cambridge), 2014, 141, 2559-2567.	2.5	97
13	Single-cell gene expression profiling reveals functional heterogeneity of undifferentiated human epidermal cells. Development (Cambridge), 2013, 140, 1433-1444.	2.5	82
14	IL-17Râ€“EGFR axis links wound healing to tumorigenesis in Lrig1+ stem cells. Journal of Experimental Medicine, 2019, 216, 195-214.	8.5	82
15	Characterization of the enhancer and promoter landscape of inflammatory bowel disease from human colon biopsies. Nature Communications, 2018, 9, 1661.	12.8	78
16	Generation of Multipotent Foregut Stem Cells from Human Pluripotent Stem Cells. Stem Cell Reports, 2013, 1, 293-306.	4.8	77
17	COX-2â€“PGE2 Signaling Impairs Intestinal Epithelial Regeneration and Associates with TNF Inhibitor Responsiveness in Ulcerative Colitis. EBioMedicine, 2018, 36, 497-507.	6.1	63
18	A stem cell gene expression profile of human squamous cell carcinomas. Cancer Letters, 2008, 272, 23-31.	7.2	48

#	Article	IF	Citations
19	Modeling human disease using organotypic cultures. Current Opinion in Cell Biology, 2016, 43, 22-29.	5.4	48
20	Intestinal barrier integrity and inflammatory bowel disease: Stem cellâ€based approaches to regenerate the barrier. Journal of Tissue Engineering and Regenerative Medicine, 2018, 12, 923-935.	2.7	48
21	Differential sensitivity of epidermal cell subpopulations to Î²-catenin-induced ectopic hair follicle formation. Developmental Biology, 2010, 343, 40-50.	2.0	44
22	Tuft Cells and Their Role in Intestinal Diseases. Frontiers in Immunology, 2022, 13, 822867.	4.8	42
23	Inhibiting RHOA Signaling in Mice Increases Glucose Tolerance and Numbers of Enteroendocrine and Other Secretory Cells in the Intestine. Gastroenterology, 2018, 155, 1164-1176.e2.	1.3	41
24	Tissue-Engineering the Intestine: The Trials before the Trials. Cell Stem Cell, 2019, 24, 855-859.	11.1	39
25	Transplantation of intestinal organoids into a mouse model of colitis. Nature Protocols, 2022, 17, 649-671.	12.0	39
26	Multivalent scFv Display of Phagemid Repertoires for the Selection of Carbohydrate-specific Antibodies and its Application to the Thomsenâ€“Friedenreich Antigen. Journal of Molecular Biology, 2004, 343, 985-996.	4.2	36
27	<scp>LRIG1</scp> regulates cadherinâ€dependent contact inhibition directing epithelial homeostasis and preâ€invasive squamous cell carcinoma development. Journal of Pathology, 2013, 229, 608-620.	4.5	34
28	Mucosal vitamin D signaling in inflammatory bowel disease. Autoimmunity Reviews, 2020, 19, 102672.	5.8	34
29	Identification of Keratinocyte-specific Markers Using Phage Display and Mass Spectrometry. Molecular and Cellular Proteomics, 2003, 2, 61-69.	3.8	33
30	Intestinal Organoids: A Tool for Modelling Dietâ€“Microbiomeâ€“Host Interactions. Trends in Endocrinology and Metabolism, 2020, 31, 848-858.	7.1	33
31	Necl2 regulates epidermal adhesion and wound repair. Development (Cambridge), 2009, 136, 3505-3514.	2.5	30
32	A biomechanical switch regulates the transition towards homeostasis in oesophageal epithelium. Nature Cell Biology, 2021, 23, 511-525.	10.3	29
33	Ret receptor tyrosine kinase sustains proliferation and tissue maturation in intestinal epithelia. EMBO Journal, 2017, 36, 3029-3045.	7.8	27
34	Functional improvement of antibody fragments using a novel phage coat protein III fusion system. Biochemical and Biophysical Research Communications, 2002, 298, 566-573.	2.1	26
35	Polyclonal origin and hair induction ability of dermal papillae in neonatal and adult mouse back skin. Developmental Biology, 2012, 366, 290-297.	2.0	23
36	Tracing the cellular dynamics of sebaceous gland development in normal and perturbed states. Nature Cell Biology, 2019, 21, 924-932.	10.3	23

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37	From Definitive Endoderm to Gutâ€"a Process of Growth and Maturation. Stem Cells and Development, 2015, 24, 1972-1983.	2.1	22
38	A bioengineering perspective on modelling the intestinal epithelial physiology in vitro. Nature Communications, 2020, 11, 6244.	12.8	20
39	LSD1 represses a neonatal/reparative gene program in adult intestinal epithelium. Science Advances, 2020, 6, .	10.3	18
40	Lrig1 marks a population of gastric epithelial cells capable of long-term tissue maintenance and growth in vitro. Scientific Reports, 2018, 8, 15255.	3.3	17
41	Enhancement of DNA vaccine potency through linkage of antigen to filamentous bacteriophage coat protein III domain I. Immunology, 2006, 117, 502-506.	4.4	15
42	Mesenchymal-epithelial crosstalk shapes intestinal regionalisation via Wnt and Shh signalling. Nature Communications, 2022, 13, 715.	12.8	15
43	Identification of phage antibodies toward the Werner protein by selection on Western blots. Electrophoresis, 2000, 21, 509-516.	2.4	14
44	A Semi-automated Organoid Screening Method Demonstrates Epigenetic Control of Intestinal Epithelial Differentiation. Frontiers in Cell and Developmental Biology, 2020, 8, 618552.	3.7	13
45	Reprogramming cellular identity during intestinal regeneration. Current Opinion in Genetics and Development, 2021, 70, 40-47.	3.3	13
46	Hippo signalling directs intestinal fate. Nature Cell Biology, 2015, 17, 5-6.	10.3	11
47	Fluorescence-based tracing of transplanted intestinal epithelial cells using confocal laser endomicroscopy. Stem Cell Research and Therapy, 2019, 10, 148.	5.5	11
48	Applying phage display technology in aging research. Biogerontology, 2000, 1, 67-78.	3.9	10
49	Epsilon Haemoglobin Specific Antibodies with Applications in Noninvasive Prenatal Diagnosis. Journal of Biomedicine and Biotechnology, 2009, 2009, 1-8.	3.0	10
50	De novo identification of cell-type specific antibody-antigen pairs by phage display subtraction. FEBS Journal, 2001, 268, 3099-3107.	0.2	8
51	Rac1 Deletion Causes Thymic Atrophy. PLoS ONE, 2011, 6, e19292.	2.5	8
52	Dietary Control of Skin Lipid Composition and Microbiome. Journal of Investigative Dermatology, 2018, 138, 1225-1228.	0.7	8
53	Unconventional translation in cancer. Nature, 2017, 541, 471-472.	27.8	7
54	Isolation and In Vitro Characterization of Epidermal Stem Cells. Methods in Molecular Biology, 2017, 1553, 67-83.	0.9	6

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55	In Vivo Studies Should Take Priority When Defining Mechanisms of Intestinal Crypt Morphogenesis. Cellular and Molecular Gastroenterology and Hepatology, 2022, 13, 1-3.	4.5	6
56	Molecular Manipulations and Intestinal Stem Cell-Derived Organoids in Inflammatory Bowel Disease. Stem Cells, 2022, 40, 447-457.	3.2	6
57	Personalized B cell response to the Lactobacillus rhamnosus GG probiotic in healthy human subjects: a randomized trial. Gut Microbes, 2020, 12, 1854639.	9.8	5
58	Loss of PACS-2 delays regeneration in DSS-induced colitis but does not affect the ApcMin model of colorectal cancer. Oncotarget, 2017, 8, 108303-108315.	1.8	5
59	Lrig1 expression identifies airway basal cells with high proliferative capacity and restricts lung squamous cell carcinoma growth. European Respiratory Journal, 2022, 59, 2000816.	6.7	3
60	Isolation of Recombinant Phage-Displayed Antibodies Recognizing Skin Keratinocytes. , 2005, 289, 359-370.		2
61	Reporting Live from the Epidermal Stem Cell Compartment!. Cell Stem Cell, 2012, 11, 141-142.	11.1	2
62	Rebuttal to: Organoid vs Mouse Model: Which is a Better Research Tool to Understand the Biologic Mechanisms of Intestinal Epithelium?. Cellular and Molecular Gastroenterology and Hepatology, 2022, 13, 193.	4.5	2
63	Stem cell heterogeneity revealed. Nature Cell Biology, 2016, 18, 587-589.	10.3	1
64	Functionally fused antibodiesâ€"A novel adjuvant fusion system. Journal of Immunological Methods, 2008, 339, 220-227.	1.4	0
65	Environmental stimuli and intestinal stem cell behavior. Cell Cycle, 2012, 11, 2767-2768.	2.6	0
66	An embryonic view of tumour development. Nature, 2013, 501, 171-172.	27.8	0
67	Fondation RenÃ© Touraine. Experimental Dermatology, 2013, 22, 682-693.	2.9	0
68	Bimodal skin progenitorsâ€"a matter of place and time. EMBO Journal, 2016, 35, 2628-2630.	7.8	0