

High-Resolution mRNA and Secretome Atlas of Human

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Benchmarking algorithms for pathway activity transformation of single-cell RNA-seq data. Computational and Structural Biotechnology Journal, 2020, 18, 2953-2961.	4.1	43
2	Co-culture System of Human Enteroids/Colonoids with Innate Immune Cells. Current Protocols in Immunology, 2020, 131, e113.	3.6	40
3	Regulation of Enteroendocrine Cell Networks by the Major Human Gut Symbiont Bacteroides thetaiotaomicron. Frontiers in Microbiology, 2020, 11, 575595.	3.5	27
4	Genetics and Epigenetics of Sex Bias: Insights from Human Cancer and Autoimmunity. Trends in Genetics, 2020, 36, 650-663.	6.7	23
5	Establishment and Culture of Human Intestinal Organoids Derived from Adult Stem Cells. Current Protocols in Immunology, 2020, 130, e106.	3.6	85
6	Intestinal Regeneration: Regulation by the Microenvironment. Developmental Cell, 2020, 54, 435-446.	7.0	91
7	Organoid Sample Preparation and Extraction for LC-MS Peptidomics. STAR Protocols, 2020, 1, 100164.	1.2	5
8	An Organoid Biobank of Neuroendocrine Neoplasms Enables Genotype-Phenotype Mapping. Cell, 2020, 183, 1420-1435.e21.	28.9	111
9	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
10	Revisiting the Complexity of GLP-1 Action from Sites of Synthesis to Receptor Activation. Endocrine Reviews, 2021, 42, 101-132.	20.1	115
11	Editorial: Gastrointestinal regulatory peptides. Current Opinion in Endocrinology, Diabetes and Obesity, 2021, 28, 196-197.	2.3	0
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13	The Organoid Platform: Promises and Challenges as Tools in the Fight against COVID-19. Stem Cell Reports, 2021, 16, 412-418.	4.8	20
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15	Nutrient-Induced Cellular Mechanisms of Gut Hormone Secretion. Nutrients, 2021, 13, 883.	4.1	39
17	The gut-brain axis: Identifying new therapeutic approaches for type 2 diabetes, obesity, and related disorders. Molecular Metabolism, 2021, 46, 101175.	6.5	29
18	Glucagon-like peptide-1 receptor co-agonists for treating metabolic disease. Molecular Metabolism, 2021, 46, 101090.	6.5	150
19	Controlling for cellular heterogeneity using single-cell deconvolution of gene expression reveals novel markers of colorectal tumors exhibiting microsatellite instability. Oncotarget, 2021, 12, 767-782.	1.8	5

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21	The specification and function of enteroendocrine cells in <i>Drosophila</i> and mammals: a comparative review. <i>FEBS Journal</i> , 2022, 289, 4773-4796.	4.7	29
22	High Glucose Exposure Impairs L-Cell Differentiation in Intestinal Organoids: Molecular Mechanisms and Clinical Implications. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6660.	4.1	17
23	Organoids and organs-on-chips: Insights into human gut-microbe interactions. <i>Cell Host and Microbe</i> , 2021, 29, 867-878.	11.0	85
24	Peptidomics of enteroendocrine cells and characterisation of potential effects of a novel preprogastrin derived-peptide on glucose tolerance in lean mice. <i>Peptides</i> , 2021, 140, 170532.	2.4	7
25	What Is an L-Cell and How Do We Study the Secretory Mechanisms of the L-Cell?. <i>Frontiers in Endocrinology</i> , 2021, 12, 694284.	3.5	22
26	Tracing colonic embryonic transcriptional profiles and their reactivation upon intestinal damage. <i>Cell Reports</i> , 2021, 36, 109484.	6.4	18
27	Intestinal organoid cocultures with microbes. <i>Nature Protocols</i> , 2021, 16, 4633-4649.	12.0	99
28	L-cell <i>Arntl</i> is required for rhythmic glucagon-like peptide-1 secretion and maintenance of intestinal homeostasis. <i>Molecular Metabolism</i> , 2021, 54, 101340.	6.5	12
29	Cells of the human intestinal tract mapped across space and time. <i>Nature</i> , 2021, 597, 250-255.	27.8	266
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34	Multiomic analysis defines the first microRNA atlas across all small intestinal epithelial lineages and reveals novel markers of almost all major cell types. <i>American Journal of Physiology - Renal Physiology</i> , 2021, 321, G668-G681.	3.4	7
36	Robust differentiation of human enteroendocrine cells from intestinal stem cells. <i>Nature Communications</i> , 2022, 13, 261.	12.8	19
37	Nutrient sensing in the gut and the regulation of appetite. <i>Current Opinion in Endocrine and Metabolic Research</i> , 2022, 23, 100318.	1.4	1
38	Enteroendocrine cell differentiation and function in the intestine. <i>Current Opinion in Endocrinology, Diabetes and Obesity</i> , 2022, 29, 169-176.	2.3	4
39	A Proximal-to-Distal Survey of Healthy Adult Human Small Intestine and Colon Epithelium by Single-Cell Transcriptomics. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2022, 13, 1554-1589.	4.5	79
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41	Enteroendocrine System and Gut Barrier in Metabolic Disorders. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3732.	4.1	8
43	GLP-1 Mediates Regulation of Colonic ACE2 Expression by the Bile Acid Receptor GPBAR1 in Inflammation. <i>Cells</i> , 2022, 11, 1187.	4.1	9

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44	Digital Spatial Profiling Reveals Functional Shift of Enterochromaffin Cell in Patients With Ulcerative Colitis. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 841090.	3.7	1
45	Gastrointestinal regulatory peptides. <i>Current Opinion in Endocrinology, Diabetes and Obesity</i> , 2022, 29, 167-168.	2.3	0
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53	Liver Colonization by Colorectal Cancer Metastases Requires YAP-Controlled Plasticity at the Micrometastatic Stage. <i>Cancer Research</i> , 2022, 82, 1953-1968.	0.9	29
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62	Optimized human intestinal organoid model reveals interleukin-22-dependency of paneth cell formation. <i>Cell Stem Cell</i> , 2022, 29, 1333-1345.e6.	11.1	41
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64	Intestinal epithelial organoids: regeneration and maintenance of the intestinal epithelium. <i>Current Opinion in Genetics and Development</i> , 2022, 76, 101977.	3.3	4

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66	Applications of human organoids in the personalized treatment for digestive diseases. <i>Signal Transduction and Targeted Therapy</i> , 2022, 7, .	17.1	7
67	The Molecular Determinants of Glucagon-like Peptide Secretion by the Intestinal L cell. <i>Endocrinology</i> , 2022, 163, .	2.8	3
68	Establishment of MDR1-knockout human enteroids for pharmaceutical application. <i>Drug Metabolism and Pharmacokinetics</i> , 2023, 48, 100476.	2.2	5
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78	The landscape of immune dysregulation in Crohn's disease revealed through single-cell transcriptomic profiling in the ileum and colon. <i>Immunity</i> , 2023, 56, 444-458.e5.	14.3	35
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87	Co-culturing Human Intestinal Enteroid Monolayers with Innate Immune Cells. <i>Methods in Molecular Biology</i> , 2023, , 207-223.	0.9	0
88	Desacyl-ghrelin, not just an inactive form of ghrelin?-A review of current knowledge on the biological actions of desacyl-ghrelin. <i>Peptides</i> , 2023, , 171050.	2.4	0
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100	The Sympatheticâ€™Immune Milieu in Metabolic Health and Diseases: Insights from Pancreas, Liver, Intestine, and Adipose Tissues. <i>Advanced Science</i> , 2024, 11, .	11.2	0
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