Kathryn E Hamilton

List of Publications by Year
in descending order

29 papers	799 citations	567281 15 h-index	552781 26 g-index
34 all docs	34 docs citations	34 times ranked	1004 citing authors

#	Article	IF	Citations
1	CD73+ Epithelial Progenitor Cells That Contribute to Homeostasis and Renewal Are Depleted in Eosinophilic Esophagitis. Cellular and Molecular Gastroenterology and Hepatology, 2022, 13, 1449-1467.	4.5	15
2	Single cell transcriptomic analysis reveals cellular diversity of murine esophageal epithelium. Nature Communications, 2022, 13, 2167.	12.8	20
3	Î²-Hydroxybutyrate suppresses colorectal cancer. Nature, 2022, 605, 160-165.	27.8	120
4	Autophagic State Confers Facultative Stem Cell Capacity in The Intestinal Epithelium. FASEB Journal, 2022, 36, .	0.5	0
5	N6â€Methyladenosine (m ⁶ A) Modifies Regenerative Transcripts in the Intestinal Epithelium. FASEB Journal, 2022, 36, .	0.5	0
6	Abstract 5898: Bone morphogenic protein receptor 2 (BMPR2) as a potential germline driver in Juvenile Polyposis Syndrome (JPS). Cancer Research, 2022, 82, 5898-5898.	0.9	0
7	Colonoids From Patients With Pediatric Inflammatory Bowel Disease Exhibit Decreased Growth Associated With Inflammation Severity and Durable Upregulation of Antigen Presentation Genes. Inflammatory Bowel Diseases, 2021, 27, 256-267.	1.9	7
8	Variants in STXBP3 are Associated with Very Early Onset Inflammatory Bowel Disease, Bilateral Sensorineural Hearing Loss and Immune Dysregulation. Journal of Crohn's and Colitis, 2021, 15, 1908-1919.	1.3	7
9	Mitochondrial dysfunction in inflammatory bowel disease alters intestinal epithelial metabolism of hepatic acylcarnitines. Journal of Clinical Investigation, 2021, 131, .	8.2	49
10	Patient-derived organoids as a platform for modeling a patientâ€™s response to chemoradiotherapy in esophageal cancer. Scientific Reports, 2021, 11, 21304.	3.3	20
11	Modeling Epithelial Homeostasis and Reactive Epithelial Changes in Human and Murine Threeâ€Dimensional Esophageal Organoids. Current Protocols in Stem Cell Biology, 2020, 52, e106.	3.0	19
12	Roles for Autophagy in Esophageal Carcinogenesis: Implications for Improving Patient Outcomes. Cancers, 2019, 11, 1697.	3.7	22
13	Posttranscriptional regulation of colonic epithelial repair by <scp>RNA</scp> binding protein <scp>IMP</scp> 1/ <scp>IGF</scp> 2 <scp>BP</scp> 1. EMBO Reports, 2019, 20, .	4.5	21
14	IMP1 3â€² UTR shortening enhances metastatic burden in colorectal cancer. Carcinogenesis, 2019, 40, 569-579.	2.8	16
15	RNA regulons are essential in intestinal homeostasis. American Journal of Physiology - Renal Physiology, 2019, 316, G197-G204.	3.4	6
16	Autophagy as a cytoprotective mechanism in esophageal squamous cell carcinoma. Current Opinion in Pharmacology, 2018, 41, 12-19.	3.5	23
17	The Esophageal Organoid System Reveals Functional Interplay Between Notch and Cytokines in Reactive EpithelialÂChanges. Cellular and Molecular Gastroenterology and Hepatology, 2018, 5, 333-352.	4.5	72
18	Microfabricated Crypt Scaffolds: A New Foundation forÂEvaluating Human Colon Stem Cells. Cellular and Molecular Gastroenterology and Hepatology, 2018, 5, 161-162.	4.5	0

#	Article	IF	Citations
19	Mouse Intestinal Krt15+ Crypt Cells Are Radio-Resistant and Tumor Initiating. Stem Cell Reports, 2018, 10, 1947-1958.	4.8	35
20	The LIN28Bâ€“IMP1 post-transcriptional regulon has opposing effects on oncogenic signaling in the intestine. Genes and Development, 2018, 32, 1020-1034.	5.9	20
21	Autophagy mediates epithelial cytoprotection in eosinophilic oesophagitis. Gut, 2017, 66, 1197-1207.	12.1	43
22	The ErbB3 receptor tyrosine kinase negatively regulates Paneth cells by PI3K-dependent suppression of Atoh1. Cell Death and Differentiation, 2017, 24, 855-865.	11.2	31
23	Presentation of the Julius M. Friedenwald Medal to Anil K. Rustgi. Gastroenterology, 2017, 152, 2063-2067.	1.3	2
24	Inflammation and Colorectal Cancer. Current Colorectal Cancer Reports, 2017, 13, 341-351.	0.5	111
25	Culturing Adult Stem Cells from Mouse Small Intestinal Crypts. Cold Spring Harbor Protocols, 2015, 2015, pdb.prot078303.	0.3	8
26	Multiple Gastrointestinal Polyps in Patients Treated with BRAF Inhibitors. Clinical Cancer Research, 2015, 21, 5215-5221.	7.0	17
27	Loss of Stromal IMP1 Promotes a Tumorigenic Microenvironment in the Colon. Molecular Cancer Research, 2015, 13, 1478-1486.	3.4	34
28	IMP1 promotes tumor growth, dissemination and a tumor-initiating cell phenotype in colorectal cancer cell xenografts. Carcinogenesis, 2013, 34, 2647-2654.	2.8	64
29	Opportunities and Challenges for Women PhD Investigators in Gastrointestinal Research. Gastroenterology, 2013, 145, 266-271.	1.3	7