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List of Publications by Year
in descending order

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95 papers	5,437 citations	76326 40 h-index	95266 68 g-index
101 all docs	101 docs citations	101 times ranked	7306 citing authors

#	Article	IF	Citations
1	Membrane Bound Peroxiredoxin-1 Serves as a Biomarker for In Vivo Detection of Sessile Serrated Adenomas. Antioxidants and Redox Signaling, 2022, 36, 39-56.	5.4	4
2	Modulation of the HIF2Î±-NCOA4 axis in enterocytes attenuates iron loading in a mouse model of hemochromatosis. Blood, 2022, 139, 2547-2552.	1.4	20
3	Hypoxiaâ€inducible factor (HIF)â€1Î±â€induced regulation of lung injury in pulmonary aspiration is mediated through NFâ€kB. FASEB BioAdvances, 2022, 4, 309-328.	2.4	4
4	Gut HIF2Î± signaling is increased after VSG, and gut activation of HIF2Î± decreases weight, improves glucose, and increases GLP-1 secretion. Cell Reports, 2022, 38, 110270.	6.4	8
5	Vertical sleeve gastrectomy increases duodenal Lactobacillus spp. richness associated with the activation of intestinal HIF2Î± signaling and metabolic benefits. Molecular Metabolism, 2022, 57, 101432.	6.5	12
6	Intestinal HIF-2Î± Regulates GLP-1 Secretion via Lipid Sensing in L-Cells. Cellular and Molecular Gastroenterology and Hepatology, 2022, 13, 1057-1072.	4.5	7
7	Reuterin in the healthy gut microbiome suppresses colorectal cancer growth through altering redox balance. Cancer Cell, 2022, 40, 185-200.e6.	16.8	97
8	CD8+ TÂcells and fatty acids orchestrate tumor ferroptosis and immunity via ACSL4. Cancer Cell, 2022, 40, 365-378.e6.	16.8	250
9	Protocol for isolation and analysis of small volatile microbiome metabolites from human or mouse samples. STAR Protocols, 2022, 3, 101311.	1.2	0
10	Effects of iron modulation on mesenchymal stem cell-induced drug resistance in estrogen receptor-positive breast cancer. Oncogene, 2022, 41, 3705-3718.	5.9	19
11	HIF-2Î± activation potentiates oxidative cell death in colorectal cancers by increasing cellular iron. Journal of Clinical Investigation, 2021, 131, .	8.2	105
12	Hepcidin sequesters iron to sustain nucleotide metabolism and mitochondrial function in colorectal cancer epithelial cells. Nature Metabolism, 2021, 3, 969-982.	11.9	58
13	Colorectal cancer cells utilize autophagy to maintain mitochondrial metabolism for cell proliferation under nutrient stress. JCI Insight, 2021, 6, .	5.0	17
14	Metabolic networks in mutant KRAS-driven tumours: tissue specificities and the microenvironment. Nature Reviews Cancer, 2021, 21, 510-525.	28.4	102
15	Hepatic NFâ€ÎºBâ€inducing Kinase and Inhibitor of NFâ€ÎºB Kinase Subunit Î± Promote Liver Oxidative Stress, Ferroptosis, and Liver Injury. Hepatology Communications, 2021, 5, 1704-1720.	4.3	19
16	GOT1 inhibition promotes pancreatic cancer cell death by ferroptosis. Nature Communications, 2021, 12, 4860.	12.8	131
17	Integrated multiomics analysis identifies molecular landscape perturbations during hyperammonemia in skeletal muscle and myotubes. Journal of Biological Chemistry, 2021, 297, 101023.	3.4	10
18	Hypoxia via ERK Signaling Inhibits Hepatic PPARÎ± to Promote Fatty Liver. Cellular and Molecular Gastroenterology and Hepatology, 2021, 12, 585-597.	4.5	21

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19	Microbial Metabolite Signaling Is Required for Systemic Iron Homeostasis. Cell Metabolism, 2020, 31, 115-130.e6.	16.2	172
20	Impact of dietary manganese on experimental colitis in mice. FASEB Journal, 2020, 34, 2929-2943.	0.5	37
21	Interplay between APC and ALDH1B1 in a newly developed mouse model of colorectal cancer. Chemico-Biological Interactions, 2020, 331, 109274.	4.0	7
22	Enterobactin induces the chemokine, interleukin-8, from intestinal epithelia by chelating intracellular iron. Gut Microbes, 2020, 12, 1841548.	9.8	12
23	Oxygen battle in the gut: Hypoxia and hypoxia-inducible factors in metabolic and inflammatory responses in the intestine. Journal of Biological Chemistry, 2020, 295, 10493-10505.	3.4	170
24	Metabolomic Characterization of Red Blood Cell Differentiation. Blood, 2020, 136, 35-35.	1.4	0
25	A genetic mouse model of severe iron deficiency anemia reveals tissue-specific transcriptional stress responses and cardiac remodeling. Journal of Biological Chemistry, 2019, 294, 14991-15002.	3.4	17
26	Temporal induction of intestinal epithelial hypoxia-inducible factor-2Î± is sufficient to drive colitis. American Journal of Physiology - Renal Physiology, 2019, 317, G98-G107.	3.4	15
27	Medullary thymic epithelial NFâ€“kB-inducing kinase (NIK)/IKKÎ± pathway shapes autoimmunity and liver and lung homeostasis in mice. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 19090-19097.	7.1	25
28	Hypoxic Regulation of Neutrophils in Cancer. International Journal of Molecular Sciences, 2019, 20, 4189.	4.1	9
29	Notch and mTOR Signaling Pathways Promote Human Gastric Cancer Cell Proliferation. Neoplasia, 2019, 21, 702-712.	5.3	69
30	Enhancing career development of postdoctoral trainees: act locally and beyond. Journal of Physiology, 2019, 597, 2317-2322.	2.9	10
31	Intestinal non-canonical NFÎºB signaling shapes the local and systemic immune response. Nature Communications, 2019, 10, 660.	12.8	69
32	Neutrophils Restrict Tumor-Associated Microbiota to Reduce Growth and Invasion of Colon Tumors in Mice. Gastroenterology, 2019, 156, 1467-1482.	1.3	85
33	Concurrent activation of growth factor and nutrient arms of mTORC1 induces oxidative liver injury. Cell Discovery, 2019, 5, 60.	6.7	14
34	Hypoxia-Inducible Factor (HIF)-1Î± Promotes Inflammation and Injury Following Aspiration-Induced Lung Injury in Mice. Shock, 2019, 52, 612-621.	2.1	30
35	Clostridium difficile toxins induce VEGF-A and vascular permeability to promote disease pathogenesis. Nature Microbiology, 2019, 4, 269-279.	13.3	62
36	Genetic dissection of the different roles of hypothalamic kisspeptin neurons in regulating female reproduction. ELife, 2019, 8, .	6.0	53

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37	Identification, isolation, and characterization of human LGR5-positive colon adenoma cells. Development (Cambridge), 2018, 145, .	2.5	70
38	HIF1-alpha Regulates Acinar Cell Function and Response to Injury in Mouse Pancreas. Gastroenterology, 2018, 154, 1630-1634.e3.	1.3	14
39	Pancreatic HIF2Î± Stabilization Leads to Chronic Pancreatitis and Predisposes to Mucinous Cystic Neoplasm. Cellular and Molecular Gastroenterology and Hepatology, 2018, 5, 169-185.e2.	4.5	12
40	Molecular Characterization of Hypoxic Alveolar Epithelial Cells After Lung Contusion Indicates an Important Role for HIF-1Î±. Annals of Surgery, 2018, 267, 382-391.	4.2	16
41	Indian Hedgehog Suppresses Intestinal Inflammation. Cellular and Molecular Gastroenterology and Hepatology, 2018, 5, 63-64.	4.5	8
42	Natural Secretory Immunoglobulins Promote Enteric Viral Infections. Journal of Virology, 2018, 92, .	3.4	18
43	Myc-Associated Zinc Finger Protein Regulates the Proinflammatory Response in Colitis and Colon Cancer via STAT3 Signaling. Molecular and Cellular Biology, 2018, 38, .	2.3	34
44	Insulin/Snail1 axis ameliorates fatty liver disease by epigenetically suppressing lipogenesis. Nature Communications, 2018, 9, 2751.	12.8	34
45	Adipocyte-derived Lysophosphatidylcholine Activates Adipocyte and Adipose Tissue Macrophage Nod-Like Receptor Protein 3 Inflammasomes Mediating Homocysteine-Induced Insulin Resistance. EBioMedicine, 2018, 31, 202-216.	6.1	50
46	Cadmium Exposure Inhibits Branching Morphogenesis and Causes Alterations Consistent With HIF-1Î± Inhibition in Human Primary Breast Organoids. Toxicological Sciences, 2018, 164, 592-602.	3.1	20
47	Hepatic hepcidin/intestinal HIF-2Î± axis maintains iron absorption during iron deficiency and overload. Journal of Clinical Investigation, 2018, 129, 336-348.	8.2	138
48	Hepatic NF-kB-inducing kinase (NIK) suppresses mouse liver regeneration in acute and chronic liver diseases. ELife, 2018, 7, .	6.0	28
49	Epithelial Hypoxia-Inducible Factor 2Î± Facilitates the Progression of Colon Tumors through Recruiting Neutrophils. Molecular and Cellular Biology, 2017, 37, .	2.3	52
50	Activation of intestinal hypoxia-inducible factor 2Î± during obesity contributes to hepatic steatosis. Nature Medicine, 2017, 23, 1298-1308.	30.7	108
51	Quantitative proteomics identifies STEAP4 as a critical regulator of mitochondrial dysfunction linking inflammation and colon cancer. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E9608-E9617.	7.1	77
52	Hypoxia-inducible factor 2Î± (HIF-2Î±) promotes colon cancer growth by potentiating Yes-associated protein 1 (YAP1) activity. Journal of Biological Chemistry, 2017, 292, 17046-17056.	3.4	49
53	Genetic neutrophil deficiency ameliorates cerebral ischemia-reperfusion injury. Experimental Neurology, 2017, 298, 104-111.	4.1	23
54	Dual modulation of human hepatic zonation via canonical and non-canonical Wnt pathways. Experimental and Molecular Medicine, 2017, 49, e413-e413.	7.7	51

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55	A central role for hypoxia-inducible factor (HIF)-2Î± in hepatic glucose homeostasis. Nutrition and Healthy Aging, 2017, 4, 207-216.	1.1	33
56	Tumor suppressive role of sestrin2 during colitis and colon carcinogenesis. ELife, 2016, 5, e12204.	6.0	74
57	Induction of WNT11 by hypoxia and hypoxia-inducible factor-1Î± regulates cell proliferation, migration and invasion. Scientific Reports, 2016, 6, 21520.	3.3	50
58	PPARÎ± (Peroxisome Proliferator-activated Receptor Î±) Activation Reduces Hepatic CEACAM1 Protein Expression to Regulate Fatty Acid Oxidation during Fasting-refeeding Transition. Journal of Biological Chemistry, 2016, 291, 8121-8129.	3.4	28
59	Neurotensin Promotes the Development of Colitis and Intestinal Angiogenesis via Hif-1Î±â€“miR-210 Signaling. Journal of Immunology, 2016, 196, 4311-4321.	0.8	37
60	Mitochondrial Amino Acid Metabolism Provides Vulnerabilities inÂMutant KRAS-Driven Cancers. Gastroenterology, 2016, 151, 798-801.	1.3	3
61	Iron Uptake via DMT1 Integrates Cell Cycle with JAK-STAT3 Signaling to Promote Colorectal Tumorigenesis. Cell Metabolism, 2016, 24, 447-461.	16.2	168
62	Minihepcidin peptides as disease modifiers in mice affected by Î²-thalassemia and polycythemia vera. Blood, 2016, 128, 265-276.	1.4	123
63	Transcription Factor ZBP-89 Drives a Feedforward Loop of Î²-Catenin Expression in Colorectal Cancer. Cancer Research, 2016, 76, 6877-6887.	0.9	22
64	The role of hypoxia in intestinal inflammation. Molecular and Cellular Pediatrics, 2016, 3, 1.	1.8	69
65	Role of Intestinal HIF-2Î± in Health and Disease. Annual Review of Physiology, 2016, 78, 301-325.	13.1	60
66	HIF2 Î± Is an Essential Molecular Brake for Postprandial Hepatic Glucagon Response Independent of Insulin Signaling. Cell Metabolism, 2016, 23, 505-516.	16.2	42
67	Hypoxia-inducible factors: a central link between inflammation and cancer. Journal of Clinical Investigation, 2016, 126, 3689-3698.	8.2	144
68	Intestine-specific Disruption of Hypoxia-inducible Factor (HIF)-2Î± Improves Anemia in Sickle Cell Disease. Journal of Biological Chemistry, 2015, 290, 23523-23527.	3.4	35
69	Fatty acid binding protein-4 (FABP4) is a hypoxia inducible gene that sensitizes mice to liver ischemia/reperfusion injury. Journal of Hepatology, 2015, 63, 855-862.	3.7	41
70	Maternal intestinal HIF-2Î± is necessary for sensing iron demands of lactation in mice. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E3738-47.	7.1	18
71	Tumor-selective proteotoxicity of verteporfin inhibits colon cancer progression independently of YAP1. Science Signaling, 2015, 8, ra98.	3.6	152
72	c-Kit as a Novel Potential Therapeutic Target in ColorectalÂCancer. Gastroenterology, 2015, 149, 534-537.	1.3	15

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73	PPARÎ±-UGT axis activation represses intestinal FXR-FGF15 feedback signalling and exacerbates experimental colitis. Nature Communications, 2014, 5, 4573.	12.8	122
74	Biomarkers of Coordinate Metabolic Reprogramming in Colorectal Tumors in Mice and Humans. Gastroenterology, 2014, 146, 1313-1324.	1.3	73
75	Role of Myc in hepatocellular proliferation and hepatocarcinogenesis. Journal of Hepatology, 2014, 60, 331-338.	3.7	64
76	Hypoxia-Inducible Factors Link Iron Homeostasis and Erythropoiesis. Gastroenterology, 2014, 146, 630-642.	1.3	135
77	Activation of HIF-1Î± does not increase intestinal tumorigenesis. American Journal of Physiology - Renal Physiology, 2014, 307, G187-G195.	3.4	42
78	PPARÎ±-dependent exacerbation of experimental colitis by the hypolipidemic drug fenofibrate. American Journal of Physiology - Renal Physiology, 2014, 307, G564-G573.	3.4	35
79	Bacterial Siderophores That Evade or Overwhelm Lipocalin 2 Induce Hypoxia Inducible Factor 1Î± and Proinflammatory Cytokine Secretion in Cultured Respiratory Epithelial Cells. Infection and Immunity, 2014, 82, 3826-3836.	2.2	54
80	Loss of von Hippel-Lindau Protein (VHL) Increases Systemic Cholesterol Levels through Targeting Hypoxia-Inducible Factor 2Î± and Regulation of Bile Acid Homeostasis. Molecular and Cellular Biology, 2014, 34, 1208-1220.	2.3	23
81	Hypoxia-Inducible Factor/MAZ-Dependent Induction of Caveolin-1 Regulates Colon Permeability through Suppression of Occludin, Leading to Hypoxia-Induced Inflammation. Molecular and Cellular Biology, 2014, 34, 3013-3023.	2.3	59
82	Endothelial PAS Domain Protein 1 Activates the Inflammatory Response in the Intestinal Epithelium to Promote Colitis in Mice. Gastroenterology, 2013, 145, 831-841.	1.3	155
83	Intestinal HIF2Î± promotes tissue-iron accumulation in disorders of iron overload with anemia. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E4922-30.	7.1	81
84	Intestinal Iron Homeostasis and Colon Tumorigenesis. Nutrients, 2013, 5, 2333-2351.	4.1	62
85	Hypoxiaâ€inducible Factorâ€2Î± Promotes Intestinal Inflammation Through Induction of Epithelial TNFâ€Î±. FASEB Journal, 2013, 27, 949.1.	0.5	0
86	Hypoxia-Inducible Factor-2Î± Activation Promotes Colorectal Cancer Progression by Dysregulating Iron Homeostasis. Cancer Research, 2012, 72, 2285-2293.	0.9	115
87	Hypoxiaâ€inducible factorâ€2Î± regulates intestinal inflammation and colon cancer. FASEB Journal, 2012, 26, 682.19.	0.5	0
88	Metabolomics Reveals the role of hypoxiaâ€inducible factors in hypoxiaâ€induced liver metabolic shift. FASEB Journal, 2012, 26, 699.10.	0.5	0
89	Hypoxia-Inducible Factor-2Î± Mediates the Adaptive Increase of Intestinal Ferroportin During Iron Deficiency in Mice. Gastroenterology, 2011, 140, 2044-2055.	1.3	221
90	Hypoxia-inducible transcription factor 2Î± promotes steatohepatitis through augmenting lipid accumulation, inflammation, and fibrosis. Hepatology, 2011, 54, 472-483.	7.3	147

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91	The role of hypoxiaâ€inducible factorâ€2 [alpha] in regulating colon inflammation. FASEB Journal, 2011, 25, 1123.2.	0.5	0
92	The Regulation of Hepcidin in Î²-Thalassemia. Blood, 2011, 118, 901-901.	1.4	0
93	Rifaximin Protection of DSSâ€induced Inflammatory Bowel Disease by Inhibition of Nuclear Factor Kappa B through Activation of Human Pregnane X Receptor. FASEB Journal, 2010, 24, 969.2.	0.5	0
94	Intestinal Hypoxia-Inducible Transcription Factors Are Essential for Iron Absorption following Iron Deficiency. Cell Metabolism, 2009, 9, 152-164.	16.2	353
95	Metabolic requirement for GOT2 in pancreatic cancer depends on environmental context. ELife, 0, 11, .	6.0	32