Timothy C Wang

List of Publications by Year
in descending order

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381 papers	27,840 citations	5268 83 h-index	7518 151 g-index
828 all docs	828 docs citations	828 times ranked	28786 citing authors

#	Article	IF	Citations
1	Gastric Cancer Originating from Bone Marrow-Derived Cells. Science, 2004, 306, 1568-1571.	12.6	1,092
2	Mammary hyperplasia and carcinoma in MMTV-cyclin D1 transgenic mice. Nature, 1994, 369, 669-671.	27.8	929
3	Identification of Gastric Cancer Stem Cells Using the Cell Surface Marker CD44. Stem Cells, 2009, 27, 1006-1020.	3.2	890
4	Bone Marrow-Derived Myofibroblasts Contribute to the Mesenchymal Stem Cell Niche and Promote Tumor Growth. Cancer Cell, 2011, 19, 257-272.	16.8	867
5	Overexpression of Interleukin-1Î² Induces Gastric Inflammation and Cancer and Mobilizes Myeloid-Derived Suppressor Cells in Mice. Cancer Cell, 2008, 14, 408-419.	16.8	722
6	Inflammation, atrophy, and gastric cancer. Journal of Clinical Investigation, 2007, 117, 60-69.	8.2	661
7	Synergistic interaction between hypergastrinemia and Helicobacter infection in a mouse model of gastric cancer. Gastroenterology, 2000, 118, 36-47.	1.3	539
8	Gremlin 1 Identifies a Skeletal Stem Cell with Bone, Cartilage, and Reticular Stromal Potential. Cell, 2015, 160, 269-284.	28.9	535
9	Inflammation and Cancer: IL-6 and STAT3 Complete the Link. Cancer Cell, 2009, 15, 79-80.	16.8	501
10	Concurrent enteric helminth infection modulates inflammation and gastric immune responses and reduces helicobacter-induced gastric atrophy. Nature Medicine, 2000, 6, 536-542.	30.7	464
11	Denervation suppresses gastric tumorigenesis. Science Translational Medicine, 2014, 6, 250ra115.	12.4	427
12	Bile Acid and Inflammation Activate Gastric Cardia Stem Cells in a Mouse Model of Barrett-Like Metaplasia. Cancer Cell, 2012, 21, 36-51.	16.8	395
13	The impact of suboptimal bowel preparation on adenoma miss rates and the factors associated with early repeat colonoscopy. Gastrointestinal Endoscopy, 2011, 73, 1207-1214.	1.0	368
14	Lack of Commensal Flora in Helicobacter pyloriâ€“Infected INS-GAS Mice Reduces Gastritis and Delays Intraepithelial Neoplasia. Gastroenterology, 2011, 140, 210-220.e4.	1.3	347
15	Nerve Growth Factor Promotes Gastric Tumorigenesis through Aberrant Cholinergic Signaling. Cancer Cell, 2017, 31, 21-34.	16.8	332
16	Long-lived intestinal tuft cells serve as colon cancerâ€“initiating cells. Journal of Clinical Investigation, 2014, 124, 1283-1295.	8.2	324
17	Î²2 Adrenergic-Neurotrophin Feedforward Loop Promotes Pancreatic Cancer. Cancer Cell, 2018, 33, 75-90.e7.	16.8	287
18	Fusobacterium nucleatum promotes colorectal cancer by inducing Wnt/Î²â€catenin modulator Annexin A1. EMBO Reports, 2019, 20, .	4.5	283

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19	Proton Pump Inhibitors Alter Specific Taxa in the Human Gastrointestinal Microbiome: A Crossover Trial. Gastroenterology, 2015, 149, 883-885.e9.	1.3	268
20	Helicobacter pylori and Gastric Cancer: A New Paradigm For Inflammation-Associated Epithelial Cancers. Gastroenterology, 2005, 128, 1567-1578.	1.3	262
21	Gastric colonisation with a restricted commensal microbiota replicates the promotion of neoplastic lesions by diverse intestinal microbiota in theHelicobacter pyloriINS-GAS mouse model of gastric carcinogenesis. Gut, 2014, 63, 54-63.	12.1	246
22	Mist1 Expressing Gastric Stem Cells Maintain the Normal and Neoplastic Gastric Epithelium and Are Supported by a Perivascular Stem Cell Niche. Cancer Cell, 2015, 28, 800-814.	16.8	245
23	The evolution of the cancer niche during multistage carcinogenesis. Nature Reviews Cancer, 2013, 13, 511-518.	28.4	235
24	Mice lacking secretory phospholipase A2 show altered apoptosis and differentiation with Helicobacter felis infection. Gastroenterology, 1998, 114, 675-689.	1.3	224
25	Chronic inflammation, the tumor microenvironment and carcinogenesis. Cell Cycle, 2009, 8, 2005-2013.	2.6	222
26	Recurrence of Esophageal Intestinal Metaplasia After Endoscopic Mucosal Resection and Radiofrequency Ablation of Barrett's Esophagus: Results From a US Multicenter Consortium. Gastroenterology, 2013, 145, 79-86.e1.	1.3	222
27	Intact Gram-NegativeHelicobacter pylori,Helicobacter felis, andHelicobacter hepaticusBacteria Activate Innate Immunity via Toll-Like Receptor 2 but Not Toll-Like Receptor 4. Infection and Immunity, 2004, 72, 6446-6454.	2.2	217
28	Famotidine Use Is Associated With Improved Clinical Outcomes in Hospitalized COVID-19 Patients: A Propensity Score Matched Retrospective Cohort Study. Gastroenterology, 2020, 159, 1129-1131.e3.	1.3	214
29	Dclk1 Defines Quiescent Pancreatic Progenitors that Promote Injury-Induced Regeneration and Tumorigenesis. Cell Stem Cell, 2016, 18, 441-455.	11.1	196
30	Histamine deficiency promotes inflammation-associated carcinogenesis through reduced myeloid maturation and accumulation of CD11b+Ly6G+ immature myeloid cells. Nature Medicine, 2011, 17, 87-95.	30.7	193
31	Trefoil factor 2 rapidly induces interleukin 33 to promote type 2 immunity during allergic asthma and hookworm infection. Journal of Experimental Medicine, 2012, 209, 607-622.	8.5	192
32	Macrophage-derived extracellular vesicle-packaged WNTs rescue intestinal stem cells and enhance survival after radiation injury. Nature Communications, 2016, 7, 13096.	12.8	190
33	Spasmolytic Polypeptide-Expressing Metaplasia and Intestinal Metaplasia: Time for Reevaluation of Metaplasias and the Origins of Gastric Cancer. Gastroenterology, 2010, 138, 2207-2210.e1.	1.3	183
34	Gastric Cancer Stem Cells. Journal of Clinical Oncology, 2008, 26, 2876-2882.	1.6	182
35	Roadmap for the Emerging Field of Cancer Neuroscience. Cell, 2020, 181, 219-222.	28.9	182
36	Transitional basal cells at the squamousâ€“columnar junction generate Barrettâ€™s oesophagus. Nature, 2017, 550, 529-533.	27.8	179

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37	Host and microbial constituents influence helicobacter pylori-induced cancer in a murine model of hypergastrinemia. Gastroenterology, 2003, 124, 1879-1890.	1.3	176
38	Gastrin is a target of the Î²-catenin/TCF-4 growth-signaling pathway in a model of intestinal polyposis. Journal of Clinical Investigation, 2000, 106, 533-539.	8.2	174
39	Helicobacter pylori-associated gastric cancer in INS-GAS mice is gender specific. Cancer Research, 2003, 63, 942-50.	0.9	169
40	Mice That Express Human Interleukin-8 Have Increased Mobilization of Immature Myeloid Cells, Which Exacerbates Inflammation and Accelerates Colon Carcinogenesis. Gastroenterology, 2013, 144, 155-166.	1.3	167
41	TFF2/SP-deficient mice show decreased gastric proliferation, increased acid secretion, and increased susceptibility to NSAID injury. Journal of Clinical Investigation, 2002, 109, 193-204.	8.2	166
42	Small intestinal CD8+TCRÎ³Î´+NKG2A+ intraepithelial lymphocytes have attributes of regulatory cells in patients with celiac disease. Journal of Clinical Investigation, 2008, 118, 281-293.	8.2	166
43	Krt19+/Lgr5â^' Cells Are Radioresistant Cancer-Initiating Stem Cells in the Colon and Intestine. Cell Stem Cell, 2015, 16, 627-638.	11.1	161
44	Cholinergic Signaling via Muscarinic Receptors Directly and Indirectly Suppresses Pancreatic Tumorigenesis and Cancer Stemness. Cancer Discovery, 2018, 8, 1458-1473.	9.4	158
45	Hepatocyte growth factor in transgenic mice: Effects on hepatocyte growth, liver regeneration and gene expression. Hepatology, 1994, 19, 962-972.	7.3	156
46	Socioeconomic and Other Predictors of Colonoscopy Preparation Quality. Digestive Diseases and Sciences, 2010, 55, 2014-2020.	2.3	148
47	Helicobacter felis Eradication Restores Normal Architecture and Inhibits Gastric Cancer Progression in C57BL/6 Mice. Gastroenterology, 2005, 128, 1937-1952.	1.3	147
48	Overexpression of glycine-extended gastrin in transgenic mice results in increased colonic proliferation. Journal of Clinical Investigation, 1999, 103, 1119-1126.	8.2	146
49	Curcumin Induces the Differentiation of Myeloid-Derived Suppressor Cells and Inhibits Their Interaction with Cancer Cells and Related Tumor Growth. Cancer Prevention Research, 2012, 5, 205-215.	1.5	144
50	Targeting CD24 for Treatment of Colorectal and Pancreatic Cancer by Monoclonal Antibodies or Small Interfering RNA. Cancer Research, 2008, 68, 2803-2812.	0.9	140
51	Helicobacter pylori but not High Salt Induces Gastric Intraepithelial Neoplasia in B6129 Mice. Cancer Research, 2005, 65, 10709-10715.	0.9	136
52	Spasmolytic polypeptide expressing metaplasia to preneoplasia in H. felis -infected mice. Gastroenterology, 2004, 127, 582-594.	1.3	134
53	Global Hypomethylation of Genomic DNA in Cancer-Associated Myofibroblasts. Cancer Research, 2008, 68, 9900-9908.	0.9	134
54	Helicobacter pylori Infection Promotes Methylation and Silencing of Trefoil Factor 2, Leading to Gastric Tumor Development in Mice and Humans. Gastroenterology, 2010, 139, 2005-2017.	1.3	133

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55	Molecular biology of cancer-associated fibroblasts: Can these cells be targeted in anti-cancer therapy?. Seminars in Cell and Developmental Biology, 2010, 21, 2-10.	5.0	133
56	The trefoil gene family are coordinately expressed immediate-early genes: EGF receptorâ€“ and MAP kinaseâ€“dependent interregulation. Journal of Clinical Investigation, 1999, 103, R31-R38.	8.2	133
57	The targeting of the cyclin D1 oncogene by an Epstein-Barr virus promoter in transgenic mice causes dysplasia in the tongue, esophagus and forestomach. Oncogene, 1997, 14, 1185-1190.	5.9	126
58	Alterations in gastric mucosal lineages induced by acute oxyntic atrophy in wild-type and gastrin-deficient mice. American Journal of Physiology - Renal Physiology, 2005, 288, G362-G375.	3.4	124
59	The Gastrointestinal Tumor Microenvironment. Gastroenterology, 2013, 145, 63-78.	1.3	123
60	TFF2 mRNA Transcript Expression Marks a Gland Progenitor Cell of the Gastric Oxyntic Mucosa. Gastroenterology, 2010, 139, 2018-2027.e2.	1.3	122
61	TFF2/SP-deficient mice show decreased gastric proliferation, increased acid secretion, and increased susceptibility to NSAID injury. Journal of Clinical Investigation, 2002, 109, 193-204.	8.2	119
62	Helicobacter pyloriâ€” Not a Good Bug after All. New England Journal of Medicine, 2001, 345, 829-832.	27.0	117
63	Immune Cell Production of Interleukin 17 Induces Stem Cell Features of Pancreatic Intraepithelial Neoplasia Cells. Gastroenterology, 2018, 155, 210-223.e3.	1.3	114
64	Helicobacter pylori Eradication Prevents Progression of Gastric Cancer in Hypergastrinemic INS-GAS Mice. Cancer Research, 2008, 68, 3540-3548.	0.9	112
65	Stem cells in gastroenterology and hepatology. Nature Reviews Gastroenterology and Hepatology, 2009, 6, 724-737.	17.8	112
66	Inhibition of Gastric Carcinogenesis by the Hormone Gastrin Is Mediated by Suppression of TFF1 Epigenetic Silencing. Gastroenterology, 2011, 140, 879-891.e18.	1.3	108
67	XMD8-92 inhibits pancreatic tumor xenograft growth via a DCLK1-dependent mechanism. Cancer Letters, 2014, 351, 151-161.	7.2	107
68	Famotidine use and quantitative symptom tracking for COVID-19 in non-hospitalised patients: a case series. Gut, 2020, 69, 1592-1597.	12.1	106
69	Spasmolytic polypeptide: A trefoil peptide secreted by rat gastric mucous cells. Gastroenterology, 1994, 106, 336-345.	1.3	105
70	IFN-Î³ Inhibits Gastric Carcinogenesis by Inducing Epithelial Cell Autophagy and T-Cell Apoptosis. Cancer Research, 2011, 71, 4247-4259.	0.9	104
71	Progastrin expression predisposes mice to colon carcinomas and adenomas in response to a chemical carcinogen. Gastroenterology, 2000, 119, 162-171.	1.3	103
72	High-Fat Diet Accelerates Carcinogenesis in a Mouse Model of Barrettâ€™s Esophagus via Interleukin 8 and Alterations to the Gut Microbiome. Gastroenterology, 2019, 157, 492-506.e2.	1.3	100

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73	Epithelial memory of inflammation limits tissue damage while promoting pancreatic tumorigenesis. Science, 2021, 373, eabj0486.	12.6	99
74	Oesophageal adenocarcinoma and gastric cancer: should we mind the gap?. Nature Reviews Cancer, 2016, 16, 305-318.	28.4	96
75	Gastrin and cancer: A review. Cancer Letters, 2006, 238, 15-29.	7.2	95
76	Accelerated Progression of Gastritis to Dysplasia in the Pyloric Antrum of TFF2â˜'/â˜' C57BL6 Ã— Sv129 Helicobacter pylori-Infected Mice. American Journal of Pathology, 2007, 171, 1520-1528.	3.8	95
77	Overexpression of Interleukin-1Î² in the Murine Pancreas Results in Chronic Pancreatitis. Gastroenterology, 2008, 135, 1277-1287.	1.3	95
78	The MUC1 mucin protects againstHelicobacter pyloripathogenesis in mice by regulation of the NLRP3 inflammasome. Gut, 2016, 65, 1087-1099.	12.1	95
79	Gut Microbeâ€“Mediated Suppression of Inflammation-Associated Colon Carcinogenesis by Luminal Histamine Production. American Journal of Pathology, 2017, 187, 2323-2336.	3.8	94
80	Gastrin-mediated activation of cyclin D1 transcription involves Î²-catenin and CREB pathways in gastric cancer cells. Oncogene, 2004, 23, 3689-3699.	5.9	93
81	The Role of Matrix Metalloproteinase-7 in Redefining the Gastric Microenvironment in Response to Helicobacter pylori. Gastroenterology, 2006, 130, 1754-1763.	1.3	93
82	RelA regulates CXCL1/CXCR2-dependent oncogene-induced senescence in murine Kras-driven pancreatic carcinogenesis. Journal of Clinical Investigation, 2016, 126, 2919-2932.	8.2	93
83	Gain-of-Function RHOA Mutations Promote Focal Adhesion Kinase Activation and Dependency in Diffuse Gastric Cancer. Cancer Discovery, 2020, 10, 288-305.	9.4	91
84	Synergistic Inhibitory Effects of Gastrin and Histamine Receptor Antagonists on Helicobacter-Induced Gastric Cancer. Gastroenterology, 2005, 128, 1965-1983.	1.3	87
85	CCK2R identifies and regulates gastric antral stem cell states and carcinogenesis. Gut, 2015, 64, 544-553.	12.1	87
86	Neural innervation stimulates splenic TFF2 to arrest myeloid cell expansion and cancer. Nature Communications, 2016, 7, 10517.	12.8	86
87	Long-lived keratin 15+ esophageal progenitor cells contribute to homeostasis and regeneration. Journal of Clinical Investigation, 2017, 127, 2378-2391.	8.2	86
88	The Murine Gastrin Promoter Is Synergistically Activated by Transforming Growth Factor-Î²/Smad and Wnt Signaling Pathways. Journal of Biological Chemistry, 2004, 279, 42492-42502.	3.4	84
89	Germ-line p53-targeted disruption inhibits helicobacter-induced premalignant lesions and invasive gastric carcinoma through down-regulation of Th1 proinflammatory responses. Cancer Research, 2002, 62, 696-702.	0.9	79
90	Stem cells and cancer. Seminars in Cancer Biology, 2007, 17, 191-203.	9.6	78

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91	Mouse Models of Gastric Cancer. Cancers, 2013, 5, 92-130.	3.7	78
92	Radiofrequency Ablation Is Associated With Decreased Neoplastic Progression in Patients With Barrett's Esophagus and Confirmed Low-Grade Dysplasia. Gastroenterology, 2015, 149, 567-576.e3.	1.3	77
93	Dclk1-expressing tuft cells: critical modulators of the intestinal niche?. American Journal of Physiology - Renal Physiology, 2017, 313, G285-G299.	3.4	76
94	The Balance of Stromal BMP Signaling Mediated by GREM1 and ISLR Drives Colorectal Carcinogenesis. Gastroenterology, 2021, 160, 1224-1239.e30.	1.3	76
95	Gastrin and Phorbol 12-Myristate 13-Acetate Regulate the Human Histidine Decarboxylase Promoter through Raf-dependent Activation of Extracellular Signal-regulated Kinase-related Signaling Pathways in Gastric Cancer Cells. Journal of Biological Chemistry, 1997, 272, 27015-27024.	3.4	75
96	Trefoil Family Factor 2 Is Expressed in Murine Gastric and Immune Cells and Controls both Gastrointestinal Inflammation and Systemic Immune Responses. Infection and Immunity, 2007, 75, 471-480.	2.2	75
97	Secreted Trefoil Factor 2 Activates the CXCR4 Receptor in Epithelial and Lymphocytic Cancer Cell Lines. Journal of Biological Chemistry, 2009, 284, 3650-3662.	3.4	75
98	Glycine-extended gastrin synergizes with gastrin 17 to stimulate acid secretion in gastrin-deficient mice. Gastroenterology, 2000, 119, 756-765.	1.3	74
99	K-ras Mutation Targeted to Gastric Tissue Progenitor Cells Results in Chronic Inflammation, an Altered Microenvironment, and Progression to Intraepithelial Neoplasia. Cancer Research, 2010, 70, 8435-8445.	0.9	74
100	Human Barrett's Adenocarcinoma of the Esophagus, Associated Myofibroblasts, and Endothelium Can Arise from Bone Marrow-Derived Cells After Allogeneic Stem Cell Transplant. Stem Cells and Development, 2011, 20, 11-17.	2.1	74
101	Inactivating cholecystokinin-2 receptor inhibits progastrin-dependent colonic crypt fission, proliferation, and colorectal cancer in mice. Journal of Clinical Investigation, 2009, 119, 2691-701.	8.2	74
102	Expression of CCK2 receptors in the murine pancreas: Proliferation, transdifferentiation of acinar cells, and neoplasia. Gastroenterology, 2002, 122, 428-437.	1.3	73
103	Hypomethylating Therapy in an Aggressive Stroma-Rich Model of Pancreatic Carcinoma. Cancer Research, 2013, 73, 885-896.	0.9	71
104	Folic Acid Increases Global DNA Methylation and Reduces Inflammation to Prevent Helicobacter-Associated Gastric Cancer in Mice. Gastroenterology, 2012, 142, 824-833.e7.	1.3	68
105	Bone Marrow Myeloid Cells Regulate Myeloid-Biased Hematopoietic Stem Cells via a Histamine-Dependent Feedback Loop. Cell Stem Cell, 2017, 21, 747-760.e7.	11.1	68
106	Use of murine embryonic fibroblasts to define Toll-like receptor activation and specificity. Journal of Endotoxin Research, 2004, 10, 419-424.	2.5	67
107	PD-1 Signaling Promotes Tumor-Infiltrating Myeloid-Derived Suppressor Cells and Gastric Tumorigenesis in Mice. Gastroenterology, 2021, 160, 781-796.	1.3	67
108	Helicobacter pylori Activates the Histidine Decarboxylase Promoter through a Mitogen-activated Protein Kinase Pathway Independent of Pathogenicity Island-encoded Virulence Factors. Journal of Biological Chemistry, 2000, 275, 3629-3636.	3.4	66

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109	Transcriptional regulation of the human trefoil factor, TFF1, by gastrin1 1The authors thank Dr. Kazunari Yokoyama for providing the MAZ antibody, Dr. Marie-Christine Rio for the TFF1 antibody, Professor Sue Watson for the gastrin/CCKBR antibody, Professor Andrea Varro for the AGS-GR cells, and Dr. D. K. Podolsky for the TFF3 construct as well as Ian McEvoy for skilled technical assistance. Gastroenterology, 2003, 125, 510-521.	1.3	65
110	The Biological Role of the Low-Affinity p75 Neurotrophin Receptor in Esophageal Squamous Cell Carcinoma. Clinical Cancer Research, 2006, 12, 5096-5103.	7.0	65
111	Conditional Deletion of ÎºB-Kinase-Î² Accelerates Helicobacter-Dependent Gastric Apoptosis, Proliferation, and Preneoplasia. Gastroenterology, 2010, 138, 1022-1034.e10.	1.3	65
112	Sp1 and CREB Mediate Gastrin-dependent Regulation of Chromogranin A Promoter Activity in Gastric Carcinoma Cells. Journal of Biological Chemistry, 1998, 273, 34000-34007.	3.4	64
113	Protective role of 17 -estradiol against the development of Helicobacter pylori-induced gastric cancer in INS-GAS mice. Carcinogenesis, 2007, 28, 2597-2604.	2.8	64
114	17Î²-Estradiol and Tamoxifen Prevent Gastric Cancer by Modulating Leukocyte Recruitment and Oncogenic Pathways in Helicobacter Pyloriâ€“Infected INS-GAS Male Mice. Cancer Prevention Research, 2011, 4, 1426-1435.	1.5	63
115	The Origin and Contribution of Cancer-Associated Fibroblasts in Colorectal Carcinogenesis. Gastroenterology, 2022, 162, 890-906.	1.3	63
116	Expression of Trefoil Factor Family Members Correlates with Patient Prognosis and Neoangiogenesis. Clinical Cancer Research, 2005, 11, 6472-6478.	7.0	62
117	Stromal cell-derived factor-1 overexpression induces gastric dysplasia through expansion of stromal myofibroblasts and epithelial progenitors. Gut, 2013, 62, 192-200.	12.1	61
118	Oxidative Stress Activates the Human Histidine Decarboxylase Promoter in AGS Gastric Cancer Cells. Journal of Biological Chemistry, 1998, 273, 23046-23054.	3.4	60
119	The keratin 19 promoter is potent for cell-specific targeting of genes in transgenic mice. Gastroenterology, 2001, 120, 1720-1728.	1.3	60
120	Kruppel-like Factor 4 (KLF4) Represses Histidine Decarboxylase Gene Expression through an Upstream Sp1 Site and Downstream Gastrin Responsive Elements. Journal of Biological Chemistry, 2004, 279, 8684-8693.	3.4	60
121	Gastrin-Mediated Interleukin-8 and Cyclooxygenase-2 Gene Expression: Differential Transcriptional and Posttranscriptional Mechanisms. Gastroenterology, 2008, 134, 1070-1082.	1.3	60
122	Obesity acceleratesHelicobacter felis-induced gastric carcinogenesis by enhancing immature myeloid cell trafficking and T_H17 response. Gut, 2014, 63, 385-394.	12.1	60
123	Inflammation and Stem Cells in Gastrointestinal Carcinogenesis. Physiology, 2008, 23, 350-359.	3.1	58
124	Gastric cancer: Laboratory bench to clinic. Journal of Gastroenterology and Hepatology (Australia), 2002, 17, 495-502.	2.8	57
125	Gene expression profiling in a mouse model of Helicobacter-induced gastric cancer. Cancer Science, 2007, 98, 284-293.	3.9	57
126	Mice overexpressing progastrin are predisposed for developing aberrant colonic crypt foci in response to AOM. American Journal of Physiology - Renal Physiology, 2000, 278, G390-G399.	3.4	56

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127	Functional implication of Dclk1 and Dclk1-expressing cells in cancer. Small GTPases, 2017, 8, 164-171.	1.6	56
128	Stromal Lkb1 deficiency leads to gastrointestinal tumorigenesis involving the IL-11â€“JAK/STAT3 pathway. Journal of Clinical Investigation, 2017, 128, 402-414.	8.2	56
129	Combination of Sulindac and Antimicrobial Eradication of Helicobacter pylori Prevents Progression of Gastric Cancer in Hypergastrinemic INS-GAS Mice. Cancer Research, 2009, 69, 8166-8174.	0.9	55
130	Mucosally transplanted mesenchymal stem cells stimulate intestinal healing by promoting angiogenesis. Journal of Clinical Investigation, 2015, 125, 3606-3618.	8.2	55
131	Use of proton pump inhibitors and subsequent risk of celiac disease. Digestive and Liver Disease, 2014, 46, 36-40.	0.9	53
132	Gastrin stimulates a cholecystokinin-2-receptor-expressing cardia progenitor cell and promotes progression of Barrett's-like esophagus. Oncotarget, 2017, 8, 203-214.	1.8	53
133	Interaction of Early Growth Response Protein 1 (Egr-1), Specificity Protein 1 (Sp1), and Cyclic Adenosine 3â€²5â€²-Monophosphate Response Element Binding Protein (CREB) at a Proximal Response Element Is Critical for Gastrin-Dependent Activation of the Chromogranin A Promoter. Molecular Endocrinology, 2002, 16, 2802-2818.	3.7	52
134	KrÃ¼ppel-like Factor 4 Regulates Intestinal Epithelial Cell Morphology and Polarity. PLoS ONE, 2012, 7, e32492.	2.5	52
135	Gastrin and upper GI cancers. Current Opinion in Pharmacology, 2016, 31, 31-37.	3.5	52
136	Increased gastric expression of MMP-7 in hypergastrinemia and significance for epithelial-mesenchymal signaling. American Journal of Physiology - Renal Physiology, 2007, 292, G1133-G1140.	3.4	51
137	Role of bone marrow-derived cells in experimental chronic pancreatitis. Gut, 2008, 57, 1113-1120.	12.1	51
138	The Origins of Gastric Cancer From Gastric Stem Cells: LessonsÂFrom Mouse Models. Cellular and Molecular Gastroenterology and Hepatology, 2017, 3, 331-338.	4.5	51
139	Gastrin-induced apoptosis contributes to carcinogenesis in the stomach. Laboratory Investigation, 2006, 86, 1037-1051.	3.7	50
140	Mapping Proteolytic Processing in the Secretome of Gastric Cancer-Associated Myofibroblasts Reveals Activation of MMP-1, MMP-2, and MMP-3. Journal of Proteome Research, 2013, 12, 3413-3422.	3.7	50
141	High-definition CpG methylation of novel genes in gastric carcinogenesis identified by next-generation sequencing. Modern Pathology, 2016, 29, 182-193.	5.5	50
142	Notch Signaling Mediates Differentiation in Barrettâ€™s Esophagus and Promotes Progression to Adenocarcinoma. Gastroenterology, 2020, 159, 575-590.	1.3	49
143	Signaling Pathways Associated with Colonic Mucosa Hyperproliferation in Mice Overexpressing Gastrin Precursors. Cancer Research, 2005, 65, 2770-2777.	0.9	48
144	Deficiency of the Kruppel-like factor KLF4 correlates with increased cell proliferation and enhanced skin tumorigenesis. Carcinogenesis, 2012, 33, 1239-1246.	2.8	48

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145	Expression of Cytoplasmic TFF2 Is a Marker of Tumor Metastasis and Negative Prognostic Factor in Gastric Cancer. Laboratory Investigation, 2003, 83, 1343-1352.	3.7	47
146	Human and Mouse Colon Cancer Utilizes CD95 Signaling for Local Growth and Metastatic Spread to Liver. Gastroenterology, 2009, 137, 934-944.e4.	1.3	47
147	Gastrin Is an Essential Cofactor for Helicobacter-Associated Gastric Corpus Carcinogenesis in C57BL/6 Mice. American Journal of Pathology, 2009, 175, 365-375.	3.8	47
148	Trefoil Factor 2 Requires Na/H Exchanger 2 Activity to Enhance Mouse Gastric Epithelial Repair. Journal of Biological Chemistry, 2011, 286, 38375-38382.	3.4	47
149	Stromal Fibroblasts in Digestive Cancer. Cancer Microenvironment, 2010, 3, 117-125.	3.1	46
150	Generation and Characterization of Patientâ€Derived Head and Neck, Oral, and Esophageal Cancer Organoids. Current Protocols in Stem Cell Biology, 2020, 53, e109.	3.0	45
151	Vagotomy and Gastric Tumorigenesis. Current Neuropharmacology, 2016, 14, 967-972.	2.9	44
152	The Human Histidine Decarboxylase Promoter Is Regulated by Gastrin and Phorbol 12-Myristate 13-Acetate through a Downstream -Acting Element. Journal of Biological Chemistry, 1996, 271, 14188-14197.	3.4	43
153	Overexpression of Glycine-Extended Gastrin Inhibits Parietal Cell Loss and Atrophy in the Mouse Stomach. Cancer Research, 2004, 64, 8160-8166.	0.9	43
154	Histamine deficiency exacerbates myocardial injury in acute myocardial infarction through impaired macrophage infiltration and increased cardiomyocyte apoptosis. Scientific Reports, 2015, 5, 13131.	3.3	43
155	Identification of a bone marrow-derived mesenchymal progenitor cell subset that can contribute to the gastric epithelium. Laboratory Investigation, 2009, 89, 1410-1422.	3.7	42
156	Inhibition of Notch signaling enhances transdifferentiation of the esophageal squamous epithelium towards a Barrett's-like metaplasia via KLF4. Cell Cycle, 2014, 13, 3857-3866.	2.6	42
157	Isthmus Stem Cells Are the Origins of Metaplasia in the Gastric Corpus. Cellular and Molecular Gastroenterology and Hepatology, 2017, 4, 89-94.	4.5	42
158	Stem cells and origins of cancer in the upper gastrointestinal tract. Cell Stem Cell, 2021, 28, 1343-1361.	11.1	42
159	Elevated Serum Gastrin Is Associated With a History of Advanced Neoplasia in Barrett's Esophagus. American Journal of Gastroenterology, 2010, 105, 1039-1045.	0.4	41
160	Helminth co-infection in Helicobacter pylori infected INS-GAS mice attenuates gastric premalignant lesions of epithelial dysplasia and glandular atrophy and preserves colonization resistance of the stomach to lower bowel microbiota. Microbes and Infection, 2014, 16, 345-355.	1.9	41
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