Robert J Coffey Jr

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/3439430/publications.pdf

Version: 2024-02-01



#	Article	IF	CITATIONS
1	First-in-Human PET Imaging and Estimated Radiation Dosimetry of l-[5- ¹¹ C]-Glutamine in Patients with Metastatic Colorectal Cancer. Journal of Nuclear Medicine, 2022, 63, 36-43.	5.0	13
2	MCMICRO: a scalable, modular image-processing pipeline for multiplexed tissue imaging. Nature Methods, 2022, 19, 311-315.	19.0	102
3	Significance of a calcium-binding protein S100A14 expression in colon cancer progression. Journal of Gastrointestinal Oncology, 2022, 13, 149-162.	1.4	1
4	Quantifying and correcting slide-to-slide variation in multiplexed immunofluorescence images. Bioinformatics, 2022, 38, 1700-1707.	4.1	16
5	MIRIAM: A machine and deep learning singleâ€cell segmentation and quantification pipeline for multiâ€dimensional tissue images. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2022, 101, 521-528.	1.5	23
6	A CGA/EGFR/GATA2 positive feedback circuit confers chemoresistance in gastric cancer. Journal of Clinical Investigation, 2022, 132, .	8.2	12
7	MITI minimum information guidelines for highly multiplexed tissue images. Nature Methods, 2022, 19, 262-267.	19.0	37
8	Interaction of IncRNA MIR100HG with hnRNPA2B1 facilitates m6A-dependent stabilization of TCF7L2 mRNA and colorectal cancer progression. Molecular Cancer, 2022, 21, 74.	19.2	69
9	Cancer-Associated Fibroblasts and Squamous Epithelial Cells Constitute a Unique Microenvironment in a Mouse Model of Inflammation-Induced Colon Cancer. Frontiers in Oncology, 2022, 12, .	2.8	6
10	Are supermeres a distinct nanoparticle?. , 2022, 1, .		5
11	Recent Advances in the Study of Extracellular Vesicles in Colorectal Cancer. Gastroenterology, 2022, 163, 1188-1197.	1.3	10
12	Human Colon Cancer–Derived <i>Clostridioides difficile</i> Strains Drive Colonic Tumorigenesis in Mice. Cancer Discovery, 2022, 12, 1873-1885.	9.4	38
13	Angiotensin-converting Enzyme 2–containing Small Extracellular Vesicles and Exomeres Bind the Severe Acute Respiratory Syndrome Coronavirus 2 Spike Protein. Gastroenterology, 2021, 160, 958-961.e3.	1.3	42
14	Murine Intrarectal Instillation of Purified Recombinant <i>Clostridioides difficile</i> Toxins Enables Mechanistic Studies of Pathogenesis. Infection and Immunity, 2021, 89, .	2.2	14
15	Cell surface integrin α5ß1 clustering negatively regulates receptor tyrosine kinase signaling in colorectal cancer cells via glycogen synthase kinase 3. Integrative Biology (United Kingdom), 2021, 13, 153-166.	1.3	4
16	Abstract 1084: Targeting MET and RON to overcome cetuximab resistance in colorectal cancer. , 2021, , .		0
17	Translocator protein-targeted photodynamic therapy for direct and abscopal immunogenic cell death in colorectal cancer. Acta Biomaterialia, 2021, 134, 716-729.	8.3	26
18	Induction of apically mistrafficked epiregulin disrupts epithelial polarity via aberrant EGFR signaling. Journal of Cell Science, 2021, 134, .	2.0	3

2

Robert J Coffey Jr

#	Article	IF	CITATIONS
19	Depletion of METTL3 alters cellular and extracellular levels of miRNAs containing m6A consensus sequences. Heliyon, 2021, 7, e08519.	3.2	7
20	Differential pre-malignant programs and microenvironment chart distinct paths to malignancy in human colorectal polyps. Cell, 2021, 184, 6262-6280.e26.	28.9	125
21	Supermeres are functional extracellular nanoparticles replete with disease biomarkers and therapeutic targets. Nature Cell Biology, 2021, 23, 1240-1254.	10.3	171
22	Clinically adaptable polymer enables simultaneous spatial analysis of colonic tissues and biofilms. Npj Biofilms and Microbiomes, 2020, 6, 33.	6.4	8
23	Rab13 regulates sEV secretion in mutant KRAS colorectal cancer cells. Scientific Reports, 2020, 10, 15804.	3.3	27
24	Succinate Produced by Intestinal Microbes Promotes Specification of Tuft Cells to Suppress Ileal Inflammation. Gastroenterology, 2020, 159, 2101-2115.e5.	1.3	123
25	Combined blockade of EGFR and glutamine metabolism in preclinical models of colorectal cancer. Translational Oncology, 2020, 13, 100828.	3.7	25
26	A smooth muscleâ€derived, <scp>Braf</scp> â€driven mouse model of gastrointestinal stromal tumor (<scp>GIST</scp>): evidence for an alternative <scp>GIST</scp> cellâ€ofâ€origin. Journal of Pathology, 2020, 252, 441-450.	4.5	17
27	KRAS Mutation-Responsive miR-139-5p inhibits Colorectal Cancer Progression and is repressed by Wnt Signaling. Theranostics, 2020, 10, 7335-7350.	10.0	40
28	Identification and Characterization of Unique Neutralizing Antibodies to Mouse EGF Receptor. Gastroenterology, 2020, 158, 1500-1502.	1.3	0
29	Molecular Imaging of Inflammation in Osteoarthritis Using a Water-Soluble Fluorocoxib. ACS Medicinal Chemistry Letters, 2020, 11, 1875-1880.	2.8	4
30	The Human Tumor Atlas Network: Charting Tumor Transitions across Space and Time at Single-Cell Resolution. Cell, 2020, 181, 236-249.	28.9	334
31	scRNABatchQC: multi-samples quality control for single cell RNA-seq data. Bioinformatics, 2019, 35, 5306-5308.	4.1	16
32	814 – Helicobacter Pylori Induces Aberrant Lrig1 Stem Cell Activity Within the Stomach in a Cag Type Iv Secretion System-Dependent Manner. Gastroenterology, 2019, 156, S-171-S-172.	1.3	1
33	Targeted mobilization of Lrig1 ⁺ gastric epithelial stem cell populations by a carcinogenic <i>Helicobacter pylori</i> type IV secretion system. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 19652-19658.	7.1	23
34	Blood vessel epicardial substance reduces LRP6 receptor and cytoplasmic β-catenin levels to modulate Wnt signaling and intestinal homeostasis. Carcinogenesis, 2019, 40, 1086-1098.	2.8	11
35	Transfer of Functional Cargo in Exomeres. Cell Reports, 2019, 27, 940-954.e6.	6.4	255
36	Reassessment of Exosome Composition. Cell, 2019, 177, 428-445.e18.	28.9	1,786

#	Article	IF	CITATIONS
37	The Extracellular RNA Communication Consortium: Establishing Foundational Knowledge and Technologies for Extracellular RNA Research. Cell, 2019, 177, 231-242.	28.9	152
38	Protein kinase Aâ€mediated phosphorylation of naked cuticle homolog 2 stimulates cellâ€surface delivery of transforming growth factorâ€Î± for epidermal growth factor receptor transactivation. Traffic, 2019, 20, 357-368.	2.7	8
39	miR-302a Inhibits Metastasis and Cetuximab Resistance in Colorectal Cancer by Targeting NFIB and CD44. Theranostics, 2019, 9, 8409-8425.	10.0	65
40	Heterogeneity within Stratified Epithelial Stem Cell Populations Maintains the Oral Mucosa in Response to Physiological Stress. Cell Stem Cell, 2019, 25, 814-829.e6.	11.1	40
41	Active Kras Expression inÂGastric Isthmal Progenitor Cells Induces Foveolar Hyperplasia but Not Metaplasia. Cellular and Molecular Gastroenterology and Hepatology, 2019, 7, 251-253.e1.	4.5	16
42	Linking ALDH1 and retinoic acid signaling. Oncotarget, 2019, 10, 1226-1227.	1.8	0
43	Pharmacological blockade of ASCT2-dependent glutamine transport leads to antitumor efficacy in preclinical models. Nature Medicine, 2018, 24, 194-202.	30.7	303
44	APC Inhibits Ligand-Independent Wnt Signaling by the Clathrin Endocytic Pathway. Developmental Cell, 2018, 44, 566-581.e8.	7.0	73
45	Unsupervised Trajectory Analysis of Single-Cell RNA-Seq and Imaging Data Reveals Alternative Tuft Cell Origins in the Gut. Cell Systems, 2018, 6, 37-51.e9.	6.2	167
46	Lrig1+ gastric isthmal progenitor cells restore normal gastric lineage cells during damage recovery in adult mouse stomach. Gut, 2018, 67, 1595-1605.	12.1	53
47	Minimal information for studies of extracellular vesicles 2018 (MISEV2018): a position statement of the International Society for Extracellular Vesicles and update of the MISEV2014 guidelines. Journal of Extracellular Vesicles, 2018, 7, 1535750.	12.2	6,961
48	Expression of LRIG1, a Negative Regulator of EGFR, Is Dynamically Altered during Different Stages of Gastric Carcinogenesis. American Journal of Pathology, 2018, 188, 2912-2923.	3.8	13
49	Diverse Long RNAs Are Differentially Sorted into Extracellular Vesicles Secreted by Colorectal Cancer Cells. Cell Reports, 2018, 25, 715-725.e4.	6.4	102
50	Quantitative assessment of cell population diversity in single-cell landscapes. PLoS Biology, 2018, 16, e2006687.	5.6	40
51	Epithelial Smad4 Deletion Up-Regulates Inflammation and Promotes Inflammation-Associated Cancer. Cellular and Molecular Gastroenterology and Hepatology, 2018, 6, 257-276.	4.5	50
52	Mutant KRAS Exosomes Alter the Metabolic StateÂofÂRecipient ColonicÂEpithelial Cells. Cellular and Molecular Gastroenterology and Hepatology, 2018, 5, 627-629.e6.	4.5	27
53	Interpreting heterogeneity in intestinal tuft cell structure and function. Journal of Clinical Investigation, 2018, 128, 1711-1719.	8.2	54
54	A Chimeric Egfr Protein Reporter Mouse Reveals Egfr Localization and Trafficking InÂVivo. Cell Reports, 2017, 19, 1257-1267.	6.4	36

#	Article	IF	CITATIONS
55	Clustering of integrin α5 at the lateral membrane restores epithelial polarity in invasive colorectal cancer cells. Molecular Biology of the Cell, 2017, 28, 1288-1300.	2.1	16
56	Three-dimensional culture system identifies a new mode of cetuximab resistance and disease-relevant genes in colorectal cancer. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E2852-E2861.	7.1	35
57	lncRNA MIR100HG-derived miR-100 and miR-125b mediate cetuximab resistance via Wnt/β-catenin signaling. Nature Medicine, 2017, 23, 1331-1341.	30.7	352
58	Micropapillary colorectal carcinoma: clinical, pathological and molecular properties, including evidence of epithelial–mesenchymal transition. Histopathology, 2017, 70, 223-231.	2.9	29
59	Autofluorescence flow sorting of breast cancer cell metabolism. Journal of Biophotonics, 2017, 10, 1026-1033.	2.3	9
60	Optimized multiplex immunofluorescence single-cell analysis reveals tuft cell heterogeneity. JCI Insight, 2017, 2, .	5.0	106
61	p120-Catenin is an obligate haploinsufficient tumor suppressor in intestinal neoplasia. Journal of Clinical Investigation, 2017, 127, 4462-4476.	8.2	19
62	p120-catenin controls contractility along the vertical axis of epithelial lateral membranes. Journal of Cell Science, 2016, 129, 80-94.	2.0	29
63	EGF receptor ligands: recent advances. F1000Research, 2016, 5, 2270.	1.6	207
64	Ménétrier's Disease: Its Mimickers and Pathogenesis. Journal of Pathology and Translational Medicine, 2016, 50, 10-16.	1.1	34
65	Circular RNAs are down-regulated in KRAS mutant colon cancer cells and can be transferred to exosomes. Scientific Reports, 2016, 6, 37982.	3.3	268
66	Identification and characterization of EGF receptor in individual exosomes by fluorescenceâ€activated vesicle sorting. Journal of Extracellular Vesicles, 2016, 5, 29254.	12.2	107
67	KRAS-MEK Signaling Controls Ago2 Sorting into Exosomes. Cell Reports, 2016, 15, 978-987.	6.4	328
68	Impaired coordination between signaling pathways is revealed in human colorectal cancer using single-cell mass cytometry of archival tissue blocks. Science Signaling, 2016, 9, rs11.	3.6	22
69	Adenomaâ€like adenocarcinoma: a subtype of colorectal carcinoma with good prognosis, deceptive appearance onÂbiopsy and frequent <i><scp>KRAS</scp></i> mutation. Histopathology, 2016, 68, 183-190.	2.9	23
70	Biogenesis, delivery, and function of extracellular RNA. Journal of Extracellular Vesicles, 2015, 4, 27494.	12.2	80
71	Potential functional applications of extracellular vesicles: a report by the NIH Common Fund Extracellular RNA Communication Consortium. Journal of Extracellular Vesicles, 2015, 4, 27575.	12.2	28
72	Cytometryâ€based singleâ€cell analysis of intact epithelial signaling reveals <scp>MAPK</scp> activation divergent from <scp>TNF</scp> â€i±â€induced apoptosis <i>inÂvivo</i> . Molecular Systems Biology, 2015, 11, 835.	7.2	41

#	Article	IF	CITATIONS
73	KRAS-dependent sorting of miRNA to exosomes. ELife, 2015, 4, e07197.	6.0	296
74	Loss of Lrig1 Leads to Expansion of Brunner Glands Followed by Duodenal Adenomas with Gastric Metaplasia. American Journal of Pathology, 2015, 185, 1123-1134.	3.8	21
75	LRIG1 Regulates Ontogeny of Smooth Muscleâ^'Derived Subsets of Interstitial Cells of Cajal in Mice. Gastroenterology, 2015, 149, 407-419.e8.	1.3	25
76	Induction of lateral lumens by disruption of a monoleucine-based basolateral sorting motif in betacellulin. Journal of Cell Science, 2015, 128, 3444-55.	2.0	10
77	Linking patient outcome to high throughput protein expression data identifies novel regulators of colorectal adenocarcinoma aggressiveness. F1000Research, 2015, 4, 99.	1.6	9
78	3′-Deoxy-3′-[18F]-Fluorothymidine PET Imaging Reflects PI3K-mTOR-Mediated Pro-Survival Response to Targeted Therapy in Colorectal Cancer. PLoS ONE, 2014, 9, e108193.	2.5	12
79	DIPA-family coiled-coils bind conserved isoform-specific head domain of p120-catenin family: potential roles in hydrocephalus and heterotopia. Molecular Biology of the Cell, 2014, 25, 2592-2603.	2.1	29
80	Trafficking of Epidermal Growth Factor Receptor Ligands in Polarized Epithelial Cells. Annual Review of Physiology, 2014, 76, 275-300.	13.1	75
81	Inducible loss of one <i>Apc</i> allele in Lrig1-expressing progenitor cells results in multiple distal colonic tumors with features of familial adenomatous polyposis. American Journal of Physiology - Renal Physiology, 2014, 307, G16-G23.	3.4	53
82	Proteogenomic characterization of human colon and rectal cancer. Nature, 2014, 513, 382-387.	27.8	1,219
83	From wavy hair to naked proteins: The role of transforming growth factor alpha in health and disease. Seminars in Cell and Developmental Biology, 2014, 28, 12-21.	5.0	54
84	Using a new Lrig1 reporter mouse to assess differences between two Lrig1 antibodies in the intestine. Stem Cell Research, 2014, 13, 422-430.	0.7	17
85	Excess PLAC8 promotes an unconventional ERK2-dependent EMT in colon cancer. Journal of Clinical Investigation, 2014, 124, 2172-2187.	8.2	131
86	Extracellular vesicles: communication, coercion, and conditioning. Molecular Biology of the Cell, 2013, 24, 1253-1259.	2.1	87
87	Proteomic Analysis of Exosomes from Mutant KRAS Colon Cancer Cells Identifies Intercellular Transfer of Mutant KRAS. Molecular and Cellular Proteomics, 2013, 12, 343-355.	3.8	431
88	Transformation of polarized epithelial cells by apical mistrafficking of epiregulin. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 8960-8965.	7.1	26
89	Helicobacter Pylori Promotes the Expression of Krüppel-Like Factor 5, a Mediator of Carcinogenesis, In Vitro and In Vivo. PLoS ONE, 2013, 8, e54344.	2.5	41
90	NEDD4L Is Downregulated in Colorectal Cancer and Inhibits Canonical WNT Signaling. PLoS ONE, 2013, 8, e81514.	2.5	60

#	Article	IF	CITATIONS
91	Deciphering Genomic Alterations in Colorectal Cancer through Transcriptional Subtype-Based Network Analysis. PLoS ONE, 2013, 8, e79282.	2.5	15
92	Protein Expression Signatures for Inhibition of Epidermal Growth Factor Receptor-mediated Signaling. Molecular and Cellular Proteomics, 2012, 11, M111.015222.	3.8	18
93	The Pan-ErbB Negative Regulator Lrig1 Is an Intestinal Stem Cell Marker that Functions as a Tumor Suppressor. Cell, 2012, 149, 146-158.	28.9	580
94	Myofibroblast keratinocyte growth factor reduces tight junctional integrity and increases claudin-2 levels in polarized Caco-2 cells. Growth Factors, 2012, 30, 320-332.	1.7	8
95	[18F]FLT-PET to predict pharmacodynamic and clinical response to cetuximab therapy in Ménétrier's disease. Annals of Nuclear Medicine, 2012, 26, 757-763.	2.2	10
96	Pierre Ménétrier and his disease. Transactions of the American Clinical and Climatological Association, 2012, 123, 126-33; discussion 133-4.	0.5	18
97	Naked1 Antagonizes Wnt Signaling by Preventing Nuclear Accumulation of β-Catenin. PLoS ONE, 2011, 6, e18650.	2.5	39
98	Adenoma Formation following Limited Ablation of p120-Catenin in the Mouse Intestine. PLoS ONE, 2011, 6, e19880.	2.5	39
99	Identification of a Novel Monoâ€Leucine Basolateral Sorting Motif Within the Cytoplasmic Domain of Amphiregulin. Traffic, 2011, 12, 1793-1804.	2.7	34
100	Amphiregulin Exosomes Increase Cancer Cell Invasion. Current Biology, 2011, 21, 779-786.	3.9	309
101	p120-catenin is essential for maintenance of barrier function and intestinal homeostasis in mice. Journal of Clinical Investigation, 2010, 120, 1824-1835.	8.2	119
102	Distinguishing Ménétrier's disease from its mimics. Gut, 2010, 59, 1617-1624.	12.1	74
103	Myristoylated Naked2 Antagonizes Wnt-β-Catenin Activity by Degrading Dishevelled-1 at the Plasma Membrane. Journal of Biological Chemistry, 2010, 285, 13561-13568.	3.4	50
104	A Unified Mixed Effects Model for Gene Set Analysis of Time Course Microarray Experiments. Statistical Applications in Genetics and Molecular Biology, 2009, 8, 1-18.	0.6	30
105	Efficacy of Cetuximab in the Treatment of Ménétrier's Disease. Science Translational Medicine, 2009, 1, 8ra18.	12.4	55
106	ERBBs in the gastrointestinal tract: Recent progress and new perspectives. Experimental Cell Research, 2009, 315, 583-601.	2.6	46
107	Multiple Mechanisms Are Responsible for Transactivation of the Epidermal Growth Factor Receptor in Mammary Epithelial Cells. Journal of Biological Chemistry, 2008, 283, 31477-31487.	3.4	53
108	EGF receptor-independent action of TGF-α protects Naked2 from AO7-mediated ubiquitylation and proteasomal degradation. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 13433-13438.	7.1	19

#	Article	IF	CITATIONS
109	Molecular Imaging of Therapeutic Response to Epidermal Growth Factor Receptor Blockade in Colorectal Cancer. Clinical Cancer Research, 2008, 14, 7413-7422.	7.0	99
110	TACE/ADAM-17: A Component of the Epidermal Growth Factor Receptor Axis and a Promising Therapeutic Target in Colorectal Cancer. Clinical Cancer Research, 2008, 14, 1182-1191.	7.0	89
111	Use of Fluorescence-activated Vesicle Sorting for Isolation of Naked2-associated, Basolaterally Targeted Exocytic Vesicles for Proteomics Analysis. Molecular and Cellular Proteomics, 2008, 7, 1651-1667.	3.8	36
112	Naked2 Acts as a Cargo Recognition and Targeting Protein to Ensure Proper Delivery and Fusion of TGF-α–containing Exocytic Vesicles at the Lower Lateral Membrane of Polarized MDCK Cells. Molecular Biology of the Cell, 2007, 18, 3081-3093.	2.1	42
113	Targeted Imaging of Colonic Tumors in Smad3â^'/â^' Mice Discriminates Cancer and Inflammation. Molecular Cancer Research, 2007, 5, 341-349.	3.4	30
114	Zebrafish Naked1 and Naked2 antagonize both canonical and non-canonical Wnt signaling. Developmental Biology, 2007, 309, 151-168.	2.0	52
115	Transcriptional recapitulation and subversion of embryonic colon development by mouse colon tumor models and human colon cancer. Genome Biology, 2007, 8, R131.	8.8	299
116	Potentiation of Oxyntic Atrophy–Induced Gastric Metaplasia in Amphiregulin-Deficient Mice. Gastroenterology, 2007, 132, 1804-1819.	1.3	40
117	OncogenicKRASprovides a uniquely powerful and variable oncogenic contribution among RAS family members in the colonic epithelium. Journal of Cellular Physiology, 2007, 210, 740-749.	4.1	36
118	Ménétrier disease and gastrointestinal stromal tumors: hyperproliferative disorders of the stomach. Journal of Clinical Investigation, 2007, 117, 70-80.	8.2	103
119	Structural studies of human Naked2: A biologically active intrinsically unstructured protein. Biochemical and Biophysical Research Communications, 2006, 350, 911-915.	2.1	14
120	Roles for transforming growth factor-α and transforming growth factor-ß in colorectal cancer. Current Colorectal Cancer Reports, 2006, 2, 72-77.	0.5	0
121	Ligand-dependent activation of the epidermal growth factor receptor by secondary bile acids in polarizing colon cancer cells. Surgery, 2005, 138, 415-421.	1.9	31
122	Gene expression profile analysis of mouse colon embryonic development. Genesis, 2005, 41, 1-12.	1.6	20
123	Lysophosphatidic Acid, a Disintegrin and Metalloprotease-17 and Heparin-Binding Epidermal Growth Factor-Like Growth Factor in Ovarian Cancer: The First Word, Not the Last. Clinical Cancer Research, 2005, 11, 4639-4643.	7.0	12
124	Randomized Phase II Trial of the Clinical and Biological Effects of Two Dose Levels of Gefitinib in Patients With Recurrent Colorectal Adenocarcinoma. Journal of Clinical Oncology, 2005, 23, 9265-9274.	1.6	133
125	Identification of MAGI-3 as a transforming growth factor-α tail binding protein. Experimental Cell Research, 2005, 303, 457-470.	2.6	32
126	Differential effects of amphiregulin and TGF-α on the morphology of MDCK cells. Experimental Cell Research, 2005, 309, 149-160.	2.6	36

#	Article	IF	CITATIONS
127	Chronic Treatment of Ménétrier's Disease With Erbitux: Clinical Efficacy and Insight Into Pathophysiology. Clinical Gastroenterology and Hepatology, 2005, 3, 654-659.	4.4	36
128	Evidence for Repatterning of the Gastric Fundic Epithelium Associated With Ménétrier's Disease and TGFα Overexpression. Gastroenterology, 2005, 128, 1292-1305.	1.3	69
129	Pancreatic epithelial plasticity mediated by acinar cell transdifferentiation and generation of nestin-positive intermediates. Development (Cambridge), 2005, 132, 3767-3776.	2.5	303
130	Myristoylated Naked2 escorts transforming growth factor to the basolateral plasma membrane of polarized epithelial cells. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 5571-5576.	7.1	66
131	Proteome analysis of human colon cancer by two-dimensional difference gel electrophoresis and mass spectrometry. Proteomics, 2004, 4, 793-811.	2.2	352
132	EGF receptor ligands. Experimental Cell Research, 2003, 284, 2-13.	2.6	678
133	Basolateral sorting of transforming growth factor-α precursor in polarized epithelial cells: characterization of cytoplasmic domain determinants. Experimental Cell Research, 2003, 285, 159-174.	2.6	41
134	Stromal production of prostacyclin confers an antiapoptotic effect to colonic epithelial cells. Cancer Research, 2003, 63, 1748-51.	0.9	62
135	Transactivation of the Epidermal Growth Factor Receptor in Colonic Epithelial Cells by Carbachol Requires Extracellular Release of Transforming Growth Factor-α. Journal of Biological Chemistry, 2002, 277, 42603-42612.	3.4	102
136	Importance of epidermal growth factor receptor signaling in establishment of adenomas and maintenance of carcinomas during intestinal tumorigenesis. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 1521-1526.	7.1	248
137	The Proamphiregulin Cytoplasmic Domain Is Required for Basolateral Sorting, but Is Not Essential for Constitutive or Stimulus-induced Processing in Polarized Madin-Darby Canine Kidney Cells. Journal of Biological Chemistry, 2001, 276, 29538-29549.	3.4	34
138	Treatment of Ménétrier's Disease with a Monoclonal Antibody against the Epidermal Growth Factor Receptor. New England Journal of Medicine, 2000, 343, 1697-1701.	27.0	115
139	Reversible drug–induced oxyntic atrophy in rats. Gastroenterology, 2000, 118, 1080-1093.	1.3	106
140	Pharmacological inhibition of Ras-transformed epithelial cell growth is linked to down-regulation of epidermal growth factor–related peptides. Gastroenterology, 1999, 117, 567-576.	1.3	37
141	Stimulatory Actions of Insulin-Like Growth Factor-I and Transforming Growth Factor-Â on Intestinal Neurotensin and Peptide YY. Endocrinology, 1999, 140, 4065-4069.	2.8	12
142	Increased intestinal epithelial proliferation in metallothioneine-transforming growth factor α transgenic mice. Regulatory Peptides, 1998, 74, 105-112.	1.9	11
143	Cell Surface Ectodomain Cleavage of Human Amphiregulin Precursor Is Sensitive to a Metalloprotease Inhibitor. Journal of Biological Chemistry, 1998, 273, 17258-17268.	3.4	113
144	Prolonged activation of the mitogen-activated protein kinase pathway promotes DNA synthesis in primary hepatocytes from p21Cip-1/WAF1-null mice, but not in hepatocytes from p16INK4a-null mice. Biochemical Journal, 1998, 336, 551-560.	3.7	64

#	Article	IF	CITATIONS
145	Apical Enrichment of Human EGF Precursor in Madin-Darby Canine Kidney Cells Involves Preferential Basolateral Ectodomain Cleavage Sensitive to a Metalloprotease Inhibitor. Journal of Cell Biology, 1997, 138, 747-758.	5.2	87
146	Antioxidants enhance the cytotoxicity of chemotherapeutic agents in colorectal cancer: A p53-independent induction of p21WAF1/CIP1 via C/EBPβ. Nature Medicine, 1997, 3, 1233-1241.	30.7	309
147	Overexpression of transforming growth factor-α alters differentiation of gastric cell lineages. Digestive Diseases and Sciences, 1996, 41, 773-784.	2.3	57
148	Transforming growth factor-α. Bailliere's Clinical Gastroenterology, 1996, 10, 49-63.	0.9	11
149	Targeted Disruption of Mouse EGF receptor: Effect of Genetic Background on Mutant Phenotype. Science, 1995, 269, 230-234.	12.6	1,349
150	Immunolocalization of transforming growth factor-α in normal and diseased human gastric mucosa. Human Pathology, 1995, 26, 1333-1340.	2.0	55
151	Effect of transforming growth factor- \hat{i}_{\pm} on gastric acid secretion in rats and monkeys. Digestive Diseases and Sciences, 1994, 39, 177-182.	2.3	31
152	Chronic administration of transforming growth factor-beta suppresses erythropoietin-dependent erythropoiesis and induces tumour necrosis factor in vivo. British Journal of Haematology, 1993, 84, 374-380.	2.5	36
153	Characterization of the DiFi Rectal carcinoma cell line derived from a familial adenomatous polyposis patient. In Vitro Cellular & Developmental Biology, 1993, 29, 239-248.	1.0	32
154	Possible role of transforming growth factor α in the pathogenesis of Ménétrier's disease: Supportive evidence from humans and transgenic mice. Gastroenterology, 1992, 103, 1950-1963.	1.3	209
155	Transforming growth factors and related peptides in gastrointestinal neoplasia. Journal of Cellular Biochemistry, 1992, 50, 111-118.	2.6	27
156	Development of mammary hyperplasia and neoplasia in MMTV-TGFα transgenic mice. Cell, 1990, 61, 1147-1155.	28.9	426
157	Regulation of epithelial cell proliferation by transforming growth factors. Journal of Cellular Biochemistry, 1989, 39, 25-32.	2.6	63
158	Transforming Growth Factor-α Gene Expression and Action in the Seminiferous Tubule: Peritubular Cell-Sertoli Cell Interactions*. Endocrinology, 1989, 124, 845-854.	2.8	153
159	Regulation of Ovarian Cell Growth through the Local Production of Transforming Growth Factor-α by Theca Cells*. Endocrinology, 1988, 123, 2632-2638.	2.8	127
160	Production and auto-induction of transforming growth factor- \hat{l} ± in human keratinocytes. Nature, 1987, 328, 817-820.	27.8	843