

Emina H Huang

List of Publications by Year in descending order

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67
papers

6,857
citations

147566

31
h-index

128067

60
g-index

68
all docs

68
docs citations

68
times ranked

10263
citing authors

#	ARTICLE	IF	CITATIONS
1	Phenotypic characterization of human colorectal cancer stem cells. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 10158-10163.	3.3	1,961
2	Aldehyde Dehydrogenase 1 Is a Marker for Normal and Malignant Human Colonic Stem Cells (SC) and Tracks SC Overpopulation during Colon Tumorigenesis. Cancer Research, 2009, 69, 3382-3389.	0.4	938
3	Phenotype, distribution, generation, and functional and clinical relevance of Th17 cells in the human tumor environments. Blood, 2009, 114, 1141-1149.	0.6	688
4	IL-22+CD4+ T Cells Promote Colorectal Cancer Stemness via STAT3 Transcription Factor Activation and Induction of the Methyltransferase DOT1L. Immunity, 2014, 40, 772-784.	6.6	309
5	IL-17+ Regulatory T Cells in the Microenvironments of Chronic Inflammation and Cancer. Journal of Immunology, 2011, 186, 4388-4395.	0.4	224
6	Aldehyde Dehydrogenase-Expressing Colon Stem Cells Contribute to Tumorigenesis in the Transition from Colitis to Cancer. Cancer Research, 2009, 69, 8208-8215.	0.4	205
7	PRC2 Epigenetically Silences Th1-Type Chemokines to Suppress Effector T-Cell Trafficking in Colon Cancer. Cancer Research, 2016, 76, 275-282.	0.4	204
8	RAGE and RAGE Ligands in Cancer. Current Molecular Medicine, 2007, 7, 777-789.	0.6	182
9	FOXP3 Defines Regulatory T Cells in Human Tumor and Autoimmune Disease. Cancer Research, 2009, 69, 3995-4000.	0.4	177
10	Human Colon Cancer Stem Cells: A New Paradigm in Gastrointestinal Oncology. Journal of Clinical Oncology, 2008, 26, 2828-2838.	0.8	170
11	RAGE Activation by S100P in Colon Cancer Stimulates Growth, Migration, and Cell Signaling Pathways. Diseases of the Colon and Rectum, 2007, 50, 1230-1240.	0.7	133
12	Inflammation mobilizes copper metabolism to promote colon tumorigenesis via an IL-17-STEAP4-XIAP axis. Nature Communications, 2020, 11, 900.	5.8	108
13	A recellularized human colon model identifies cancer driver genes. Nature Biotechnology, 2016, 34, 845-851.	9.4	91
14	Transition from Colitis to Cancer: High Wnt Activity Sustains the Tumor-Initiating Potential of Colon Cancer Stem Cell Precursors. Cancer Research, 2012, 72, 5091-5100.	0.4	86
15	GSDMB is increased in IBD and regulates epithelial restitution/repair independent of pyroptosis. Cell, 2022, 185, 283-298.e17.	13.5	86
16	Safety and reliability of tattooing colorectal neoplasms prior to laparoscopic resection. Journal of Gastrointestinal Surgery, 2004, 8, 543-546.	0.9	74
17	Colon cancer stem cells: implications for prevention and therapy. Trends in Molecular Medicine, 2008, 14, 503-509.	3.5	74
18	Colon Cancer. Surgical Oncology Clinics of North America, 2018, 27, 269-287.	0.6	74

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19	Plasma from patients undergoing major open surgery stimulates in vitro tumor growth: Lower insulin-like growth factor binding protein 3 levels may, in part, account for this change. <i>Surgery</i> , 2002, 132, 186-192.	1.0	63
20	The Colorectal Cancer Tumor Microenvironment and Its Impact on Liver and Lung Metastasis. <i>Cancers</i> , 2021, 13, 6206.	1.7	63
21	Cancer stem cells: A new paradigm for understanding tumor progression and therapeutic resistance. <i>Surgery</i> , 2007, 141, 415-419.	1.0	61
22	Induced organoids derived from patients with ulcerative colitis recapitulate colitic reactivity. <i>Nature Communications</i> , 2021, 12, 262.	5.8	51
23	A database of reaction monitoring mass spectrometry assays for elucidating therapeutic response in cancer. <i>Proteomics - Clinical Applications</i> , 2011, 5, 383-396.	0.8	48
24	Cost Effectiveness of a Novel Attempt to Reduce Readmission after Ileostomy Creation. <i>Journal of the Society of Laparoendoscopic Surgeons</i> , 2017, 21, e2016.00082.	0.5	48
25	Laparoscopic-assisted cecectomy is associated with decreased formation of postoperative pulmonary metastases compared with open cecectomy in a murine model. <i>Surgery</i> , 2003, 134, 432-436.	1.0	46
26	Quantification of β -Catenin Signaling Components in Colon Cancer Cell Lines, Tissue Sections, and Microdissected Tumor Cells using Reaction Monitoring Mass Spectrometry. <i>Journal of Proteome Research</i> , 2010, 9, 4215-4227.	1.8	45
27	Inhibition of PI3K/Akt/mTOR signaling in PI3KR2-overexpressing colon cancer stem cells reduces tumor growth due to apoptosis. <i>Oncotarget</i> , 2017, 8, 50476-50488.	0.8	43
28	ALDH as a Marker for Enriching Tumorigenic Human Colonic Stem Cells. <i>Methods in Molecular Biology</i> , 2012, 916, 373-385.	0.4	41
29	Hybrid laparoscopic flexure takedown and open procedure for rectal resection is associated with significantly shorter length of stay than equivalent open resection. <i>Diseases of the Colon and Rectum</i> , 2001, 44, 927-935.	0.7	36
30	α T Cells Coexpressing Gut Homing α 4 β 7 and α E Integrins Define a Novel Subset Promoting Intestinal Inflammation. <i>Journal of Immunology</i> , 2017, 198, 908-915.	0.4	35
31	Disrupting Inflammation-Associated CXCL8-CXCR1 Signaling Inhibits Tumorigenicity Initiated by Sporadic- and Colitis-Colon Cancer Stem Cells. <i>Neoplasia</i> , 2019, 21, 269-281.	2.3	35
32	Human Colon Tumors Express a Dominant-Negative Form of α SIGIRR That Promotes Inflammation and Colitis-Associated Colon Cancer in Mice. <i>Gastroenterology</i> , 2015, 149, 1860-1871.e8.	0.6	33
33	The Colon Cancer Stem Cell Microenvironment Holds Keys to Future Cancer Therapy. <i>Journal of Gastrointestinal Surgery</i> , 2014, 18, 1040-1048.	0.9	32
34	CEA-based vaccines. <i>Expert Review of Vaccines</i> , 2002, 1, 49-63.	2.0	31
35	Th22 cells control colon tumorigenesis through STAT3 and Polycomb Repression complex 2 signaling. <i>Oncolmmunology</i> , 2016, 5, e1082704.	2.1	29
36	Endogenous interleukin-10 constrains Th17 cells in patients with inflammatory bowel disease. <i>Journal of Translational Medicine</i> , 2011, 9, 217.	1.8	28

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37	Cancer-predicting transcriptomic and epigenetic signatures revealed for ulcerative colitis in patient-derived epithelial organoids. <i>Oncotarget</i> , 2018, 9, 28717-28730.	0.8	28
38	Drug-eluting microarrays to identify effective chemotherapeutic combinations targeting patient-derived cancer stem cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 8732-8737.	3.3	27
39	Inflammatory regulatory T cells in the microenvironments of ulcerative colitis and colon carcinoma. <i>OncoImmunology</i> , 2016, 5, e1105430.	2.1	27
40	A Phase II Study of Preoperative Capecitabine and Radiation Therapy in Patients With Rectal Cancer. <i>American Journal of Clinical Oncology: Cancer Clinical Trials</i> , 2007, 30, 340-345.	0.6	24
41	Stromal <i>miR-20a</i> controls paracrine CXCL8 secretion in colitis and colon cancer. <i>Oncotarget</i> , 2018, 9, 13048-13059.	0.8	22
42	Induction of inflammatory bowel disease accelerates adenoma formation in Min $+/\hat{a}^+$ mice. <i>Surgery</i> , 2006, 139, 782-788.	1.0	19
43	Atorvastatin Induces Apoptosis In Vitro and Slows Growth of Tumor Xenografts but Not Polyp Formation in Min Mice. <i>Digestive Diseases and Sciences</i> , 2010, 55, 3086-3094.	1.1	18
44	Specific [^3H]-spiroperidol binding sites in human prefrontal cortex: Potential site multiplicity and overall serotonin-like selectivity. <i>Life Sciences</i> , 1984, 34, 2461-2466.	2.0	15
45	A Tissue Engineering Approach to Metastatic Colon Cancer. <i>IScience</i> , 2020, 23, 101719.	1.9	15
46	Myosin Motors: Novel Regulators and Therapeutic Targets in Colorectal Cancer. <i>Cancers</i> , 2021, 13, 741.	1.7	15
47	Chromatin Remodeling of Colorectal Cancer Liver Metastasis is Mediated by an HGF-EGFR-DPP4 Axis. <i>Advanced Science</i> , 2021, 8, e2004673.	5.6	14
48	Significant Reduction of Laparotomy-Associated Lung Metastases and Subcutaneous Tumors After Perioperative Immunomodulation with Flt3 Ligand in Mice. <i>Surgical Innovation</i> , 2005, 12, 319-325.	0.4	12
49	Can we develop effective combination antiangiogenic therapy for patients with hepatocellular carcinoma?. <i>Oncology Reviews</i> , 2011, 5, 177-184.	0.8	12
50	Virus-derived anti-inflammatory proteins: potential therapeutics for cancer. <i>Trends in Molecular Medicine</i> , 2012, 18, 304-310.	3.5	11
51	Perioperative Immunomodulation With Flt3 Kinase Ligand or a Whole Tumor Cell Vaccine Is Associated With a Reduction in Lung Metastasis Formation After Laparotomy in Mice. <i>Surgical Innovation</i> , 2006, 13, 41-47.	0.4	8
52	B cell response to tumor antigens is associated with depletion of B progenitors in murine colocal carcinoma. <i>Surgery</i> , 2004, 135, 313-318.	1.0	6
53	P-Cadherin Regulates Intestinal Epithelial Cell Migration and Mucosal Repair, but Is Dispensable for Colitis Associated Colon Cancer. <i>Cells</i> , 2022, 11, 1467.	1.8	6
54	A Pregnant Surgical Resident? Oh My!. <i>JAMA - Journal of the American Medical Association</i> , 1991, 265, 2859.	3.8	5

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55	Organoid Models of Colorectal Pathology: Do They Hold the Key to Personalized Medicine? A Systematic Review. <i>Diseases of the Colon and Rectum</i> , 2020, 63, 1559-1569.	0.7	5
56	CDX2: Linking Cell and Patient Fates in Colon Cancer. <i>Cell Stem Cell</i> , 2016, 18, 168-169.	5.2	4
57	Cations decrease specific [3H]-spiroperidol binding in human prefrontal cortex. <i>Life Sciences</i> , 1986, 38, 1369-1373.	2.0	3
58	Is There a Role for a Strict Incision Length Criterion for Determining Conversions During Laparoscopic Colorectal Resection?. <i>Surgical Innovation</i> , 2010, 17, 120-126.	0.4	3
59	Molecular Basis of Hereditary Colorectal Cancer. <i>Seminars in Colon and Rectal Surgery</i> , 2011, 22, 65-70.	0.2	3
60	Transanal Excision with Radiation Therapy for Rectal Adenocarcinoma. <i>Clinical Medicine and Research</i> , 2012, 10, 224-229.	0.4	3
61	Pregnant Surgical Residents: Oh K?!-Reply. <i>JAMA - Journal of the American Medical Association</i> , 1991, 266, 2223.	3.8	0
62	Receptor for Advanced Glycation Endproducts and Murine Colitis Limited Project Grant #066. <i>Seminars in Colon and Rectal Surgery</i> , 2006, 17, 160-164.	0.2	0
63	SSAT/ASCRS Joint Symposium: Controversies in Surgery for Ulcerative Colitis. <i>Journal of Gastrointestinal Surgery</i> , 2014, 18, 1227-1228.	0.9	0
64	Hydrodynamic shear-based purification of cancer cells with enhanced tumorigenic potential. <i>Integrative Biology (United Kingdom)</i> , 2020, 12, 1-11.	0.6	0
65	Association between environmental quality index and young onset colorectal cancer.. <i>Journal of Clinical Oncology</i> , 2022, 40, 75-75.	0.8	0
66	P-cadherin regulates intestinal epithelial repair, but is dispensable for colitis associated colon cancer development. <i>FASEB Journal</i> , 2022, 36, .	0.2	0
67	Association between environmental quality index and young onset colorectal cancer.. <i>Journal of Clinical Oncology</i> , 2022, 40, 3548-3548.	0.8	0