

Muh-Hwa Yang

List of Publications by Year in descending order

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95
papers

9,324
citations

76326

40
h-index

40979

93
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99
docs citations

99
times ranked

14739
citing authors

#	ARTICLE	IF	CITATIONS
1	Pembrolizumab alone or with chemotherapy versus cetuximab with chemotherapy for recurrent or metastatic squamous cell carcinoma of the head and neck (KEYNOTE-048): a randomised, open-label, phase 3 study. <i>Lancet</i> , The, 2019, 394, 1915-1928.	13.7	1,804
2	Direct regulation of TWIST by HIF-1 α promotes metastasis. <i>Nature Cell Biology</i> , 2008, 10, 295-305.	10.3	1,187
3	Bmi1 is essential in Twist1-induced epithelial \rightarrow mesenchymal transition. <i>Nature Cell Biology</i> , 2010, 12, 982-992.	10.3	583
4	Epithelial \rightarrow Mesenchymal Transition Induced by TNF- α Requires NF- κ B-Mediated Transcriptional Upregulation of Twist1. <i>Cancer Research</i> , 2012, 72, 1290-1300.	0.9	406
5	Comprehensive analysis of the independent effect of twist and snail in promoting metastasis of hepatocellular carcinoma. <i>Hepatology</i> , 2009, 50, 1464-1474.	7.3	321
6	TWIST activation by hypoxia inducible factor-1 (HIF-1): Implications in metastasis and development. <i>Cell Cycle</i> , 2008, 7, 2090-2096.	2.6	266
7	SNAIL Regulates Interleukin-8 Expression, Stem Cell-Like Activity, and Tumorigenicity of Human Colorectal Carcinoma Cells. <i>Gastroenterology</i> , 2011, 141, 279-291.e5.	1.3	266
8	MicroRNA-146a directs the symmetric division of Snail-dominant colorectal cancer stem cells. <i>Nature Cell Biology</i> , 2014, 16, 268-280.	10.3	241
9	Interplay between HDAC3 and WDR5 Is Essential for Hypoxia-Induced Epithelial-Mesenchymal Transition. <i>Molecular Cell</i> , 2011, 43, 811-822.	9.7	233
10	RAC1 activation mediates Twist1-induced cancer cell migration. <i>Nature Cell Biology</i> , 2012, 14, 366-374.	10.3	217
11	Oestrogen-induced epithelial \rightarrow mesenchymal transition of endometrial epithelial cells contributes to the development of adenomyosis. <i>Journal of Pathology</i> , 2010, 222, 261-270.	4.5	201
12	Clinicopathological Variation of Lauren Classification in Gastric Cancer. <i>Pathology and Oncology Research</i> , 2016, 22, 197-202.	1.9	173
13	Revisiting epithelial \rightarrow mesenchymal transition in cancer metastasis: the connection between epithelial plasticity and stemness. <i>Molecular Oncology</i> , 2017, 11, 792-804.	4.6	172
14	Acetylation of Snail Modulates the Cytokinome of Cancer Cells to Enhance the Recruitment of Macrophages. <i>Cancer Cell</i> , 2014, 26, 534-548.	16.8	158
15	Regulation of Excision Repair Cross-Complementation Group 1 by Snail Contributes to Cisplatin Resistance in Head and Neck Cancer. <i>Clinical Cancer Research</i> , 2010, 16, 4561-4571.	7.0	145
16	Snail-overexpressing Cancer Cells Promote M2-Like Polarization of Tumor-Associated Macrophages by Delivering MiR-21-Abundant Exosomes. <i>Neoplasia</i> , 2018, 20, 775-788.	5.3	139
17	Snail-induced claudin-11 prompts collective migration for tumour progression. <i>Nature Cell Biology</i> , 2019, 21, 251-262.	10.3	117
18	Hypoxia-Induced Secretion of TGF- β 1 in Mesenchymal Stem Cell Promotes Breast Cancer Cell Progression. <i>Cell Transplantation</i> , 2013, 22, 1869-1882.	2.5	115

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19	Tumor stem-like cell-derived exosomal RNAs prime neutrophils for facilitating tumorigenesis of colon cancer. <i>Journal of Hematology and Oncology</i> , 2019, 12, 10.	17.0	115
20	Macrophage-secreted interleukin-35 regulates cancer cell plasticity to facilitate metastatic colonization. <i>Nature Communications</i> , 2018, 9, 3763.	12.8	101
21	Regulation of Membrane-Type 4 Matrix Metalloproteinase by SLUG Contributes to Hypoxia-Mediated Metastasis. <i>Neoplasia</i> , 2009, 11, 1371-IN14.	5.3	95
22	RAB27B-activated secretion of stem-like tumor exosomes delivers the biomarker microRNA-146a-5p, which promotes tumorigenesis and associates with an immunosuppressive tumor microenvironment in colorectal cancer. <i>International Journal of Cancer</i> , 2019, 145, 2209-2224.	5.1	92
23	Connective Tissue Growth Factor Activates Pluripotency Genes and Mesenchymal-Epithelial Transition in Head and Neck Cancer Cells. <i>Cancer Research</i> , 2013, 73, 4147-4157.	0.9	82
24	DNMT3b/OCT4 expression confers sorafenib resistance and poor prognosis of hepatocellular carcinoma through IL-6/STAT3 regulation. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019, 38, 474.	8.6	82
25	Hybrid Epithelial/Mesenchymal State in Cancer Metastasis: Clinical Significance and Regulatory Mechanisms. <i>Cells</i> , 2020, 9, 623.	4.1	76
26	Epithelial-mesenchymal transition and cancer stemness: the Twist1-Bmi1 connection. <i>Bioscience Reports</i> , 2011, 31, 449-455.	2.4	74
27	Increased NBS1 Expression Is a Marker of Aggressive Head and Neck Cancer and Overexpression of NBS1 Contributes to Transformation. <i>Clinical Cancer Research</i> , 2006, 12, 507-515.	7.0	73
28	Chromosome Instability Modulated by BMI1-AURKA Signaling Drives Progression in Head and Neck Cancer. <i>Cancer Research</i> , 2013, 73, 953-966.	0.9	72
29	Yin Yang 1 is a target of microRNA-34 family and contributes to gastric carcinogenesis. <i>Oncotarget</i> , 2014, 5, 5002-5016.	1.8	69
30	Histone modification patterns correlate with patient outcome in oral squamous cell carcinoma. <i>Cancer</i> , 2013, 119, 4259-4267.	4.1	66
31	Oestrogen-induced angiogenesis promotes adenomyosis by activating the S-lug-VEGF axis in endometrial epithelial cells. <i>Journal of Cellular and Molecular Medicine</i> , 2014, 18, 1358-1371.	3.6	64
32	DDX3 Activates CBC-eIF3-Mediated Translation of uORF-Containing Oncogenic mRNAs to Promote Metastasis in HNSCC. <i>Cancer Research</i> , 2018, 78, 4512-4523.	0.9	63
33	Regorafenib enhances antitumor immunity via inhibition of p38 kinase/Creb1/Klf4 axis in tumor-associated macrophages. , 2021, 9, e001657.		63
34	Glucose Reduction Prevents Replicative Senescence and Increases Mitochondrial Respiration in Human Mesenchymal Stem Cells. <i>Cell Transplantation</i> , 2011, 20, 813-826.	2.5	61
35	Downregulation of miR-137 and miR-6500-3p promotes cell proliferation in pediatric high-grade gliomas. <i>Oncotarget</i> , 2016, 7, 19723-19737.	1.8	60
36	Clinicopathological differences in signet ring cell adenocarcinoma between early and advanced gastric cancer. <i>Gastric Cancer</i> , 2019, 22, 255-263.	5.3	56

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37	Predisposing factors, management, and prognostic evaluation of acute carotid blowout syndrome. <i>Journal of Vascular Surgery</i> , 2013, 58, 1226-1235.	1.1	49
38	Small GTPase Rab37 targets tissue inhibitor of metalloproteinase 1 for exocytosis and thus suppresses tumour metastasis. <i>Nature Communications</i> , 2014, 5, 4804.	12.8	48
39	ABCG2 Localizes to the Nucleus and Modulates CDH1 Expression in Lung Cancer Cells. <i>Neoplasia</i> , 2015, 17, 265-278.	5.3	45
40	Caspase-3, a key apoptotic protein, as a prognostic marker in gastric cancer after curative surgery. <i>International Journal of Surgery</i> , 2018, 52, 258-263.	2.7	44
41	STAT3-coordinated migration facilitates the dissemination of diffuse large B-cell lymphomas. <i>Nature Communications</i> , 2018, 9, 3696.	12.8	43
42	Epithelial-mesenchymal transition-related factors in solid tumor and hematological malignancy. <i>Journal of the Chinese Medical Association</i> , 2015, 78, 438-445.	1.4	41
43	Emerging roles of epithelial-mesenchymal transition in hematological malignancies. <i>Journal of Biomedical Science</i> , 2018, 25, 37.	7.0	40
44	MicroRNA-29b regulates migration in oral squamous cell carcinoma and its clinical significance. <i>Oral Oncology</i> , 2015, 51, 170-177.	1.5	39
45	Suspension survival mediated by PP2A-STAT3-Col XVII determines tumour initiation and metastasis in cancer stem cells. <i>Nature Communications</i> , 2016, 7, 11798.	12.8	39
46	Brain-derived neurotrophic factor (BDNF) -TrkB signaling modulates cancer-endothelial cells interaction and affects the outcomes of triple negative breast cancer. <i>PLoS ONE</i> , 2017, 12, e0178173.	2.5	39
47	let-7 Modulates Chromatin Configuration and Target Gene Repression through Regulation of the ARID3B Complex. <i>Cell Reports</i> , 2016, 14, 520-533.	6.4	38
48	Over-expression of cofilin-1 suppressed growth and invasion of cancer cells is associated with up-regulation of let-7 microRNA. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2015, 1852, 851-861.	3.8	36
49	REST is a crucial regulator for acquiring EMT-like and stemness phenotypes in hormone-refractory prostate cancer. <i>Scientific Reports</i> , 2017, 7, 42795.	3.3	36
50	Interplay between desmoglein2 and hypoxia controls metastasis in breast cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	35
51	Four-and-a-Half LIM Domains Protein 2 Is a Coactivator of Wnt Signaling in Diabetic Kidney Disease. <i>Journal of the American Society of Nephrology: JASN</i> , 2015, 26, 3072-3084.	6.1	34
52	SIRT3 Expression as a Biomarker for Better Prognosis in Gastric Cancer. <i>World Journal of Surgery</i> , 2014, 38, 910-917.	1.6	33
53	Early stage mechanical remodeling of collagen surrounding head and neck squamous cell carcinoma spheroids correlates strongly with their invasion capability. <i>Acta Biomaterialia</i> , 2019, 84, 280-292.	8.3	32
54	PEG-coated nanoparticles detachable in acidic microenvironments for the tumor-directed delivery of chemo- and gene therapies for head and neck cancer. <i>Theranostics</i> , 2020, 10, 6695-6714.	10.0	32

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55	Endothelial angiogenesis is directed by RUNX1T1-regulated VEGFA, BMP4 and TGF- β 2 expression. PLoS ONE, 2017, 12, e0179758.	2.5	28
56	A regulatory BMI-1/let-7i/ERK3 pathway controls the motility of head and neck cancer cells. Molecular Oncology, 2017, 11, 194-207.	4.6	27
57	Identification of a noncanonical function for ribose-5-phosphate isomerase A promotes colorectal cancer formation by stabilizing and activating β -catenin via a novel C-terminal domain. PLoS Biology, 2018, 16, e2003714.	5.6	27
58	Numb is involved in the non-random segregation of subcellular vesicles in colorectal cancer stem cells. Cell Cycle, 2016, 15, 2697-2703.	2.6	25
59	Lymphotoxin- β Interacts with Methylated EGFR to Mediate Acquired Resistance to Cetuximab in Head and Neck Cancer. Clinical Cancer Research, 2017, 23, 4388-4401.	7.0	24
60	Metabolic Reprogramming and Epithelial-Mesenchymal Plasticity: Opportunities and Challenges for Cancer Therapy. Frontiers in Oncology, 2020, 10, 792.	2.8	24
61	Epithelial-mesenchymal transition softens head and neck cancer cells to facilitate migration in 3D environments. Journal of Cellular and Molecular Medicine, 2018, 22, 3837-3846.	3.6	21
62	Correlation between HGF/c-Met and Notch1 signaling pathways in human gastric cancer cells. Oncology Reports, 2018, 40, 294-302.	2.6	18
63	A two-dimensional immunomagnetic nano-net for the efficient isolation of circulating tumor cells in whole blood. Nanoscale, 2019, 11, 21119-21127.	5.6	18
64	Harnessing stemness and PD-L1 expression by AT-rich interaction domain-containing protein 3B in colorectal cancer. Theranostics, 2020, 10, 6095-6112.	10.0	18
65	Aminopeptidase A initiates tumorigenesis and enhances tumor cell stemness via TWIST1 upregulation in colorectal cancer. Oncotarget, 2017, 8, 21266-21280.	1.8	18
66	Oestrogen-induced angiogenesis and implantation contribute to the development of parasitic myomas after laparoscopic morcellation. Reproductive Biology and Endocrinology, 2016, 14, 64.	3.3	17
67	Advances in Laparoscopic and Robotic Gastrectomy for Gastric Cancer. Pathology and Oncology Research, 2017, 23, 13-17.	1.9	17
68	Mitochondrial genome and its regulator TFAM modulates head and neck tumourigenesis through intracellular metabolic reprogramming and activation of oncogenic effectors. Cell Death and Disease, 2021, 12, 961.	6.3	16
69	Immune Adaptation of Colorectal Cancer Stem Cells and Their Interaction With the Tumor Microenvironment. Frontiers in Oncology, 2020, 10, 588542.	2.8	15
70	Analysis of p16 ^{INK4A} expression of oral squamous cell carcinomas in Taiwan: Prognostic correlation without relevance to betel quid consumption. Journal of Surgical Oncology, 2012, 106, 149-154.	1.7	14
71	HER2 immunohistochemical scores provide prognostic information for patients with HER2-type invasive breast cancer. Histopathology, 2019, 74, 578-586.	2.9	12
72	MT4-MMP promotes invadopodia formation and cell motility in FaDu head and neck cancer cells. Biochemical and Biophysical Research Communications, 2020, 522, 1009-1014.	2.1	12

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73	Interplay of Immunometabolism and Epithelialâ€Mesenchymal Transition in the Tumor Microenvironment. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9878.	4.1	12
74	Significance of cyclin D1 overexpression in progression and radio-resistance of pediatric ependymomas. <i>Oncotarget</i> , 2018, 9, 2527-2542.	1.8	12
75	OncomiR miR-182-5p Enhances Radiosensitivity by Inhibiting the Radiation-Induced Antioxidant Effect through SESN2 in Head and Neck Cancer. <i>Antioxidants</i> , 2021, 10, 1808.	5.1	12
76	Modified Weekly Cisplatin-Based Chemotherapy Is Acceptable in Postoperative Concurrent Chemoradiotherapy for Locally Advanced Head and Neck Cancer. <i>BioMed Research International</i> , 2015, 2015, 1-7.	1.9	11
77	PDâ€L1 expression is associated with p16INK4A expression in nonâ€oropharyngeal head and neck squamous cell carcinoma. <i>Oncology Letters</i> , 2017, 15, 2259-2265.	1.8	11
78	Nerveâ€tumor interaction enhances the aggressiveness of oral squamous cell carcinoma. <i>Clinical Otolaryngology</i> , 2019, 44, 1087-1095.	1.2	11
79	Fibroblast Promotes Head and Neck Squamous Cell Carcinoma Cell Invasion through Mechanical Barriers in 3D Collagen Microenvironments. <i>ACS Applied Bio Materials</i> , 2020, 3, 6419-6429.	4.6	11
80	DDX3 modulates the tumor microenvironment via its role in endoplasmic reticulum-associated translation. <i>IScience</i> , 2021, 24, 103086.	4.1	10
81	Predictors and impact of microsurgical complications in patients with locally advanced oral squamous cell carcinoma. <i>Cancer Science</i> , 2012, 103, 1672-1678.	3.9	8
82	Serum Albumin is an Important Prognostic Factor for Carotid Blowout Syndrome. <i>Japanese Journal of Clinical Oncology</i> , 2013, 43, 532-539.	1.3	8
83	Clinical, pathophysiologic, and genomic analysis of the outcomes of primary head and neck malignancy after pulmonary metastasectomy. <i>Scientific Reports</i> , 2019, 9, 12913.	3.3	7
84	Targeting non-muscle myosin II promotes corneal endothelial migration through regulating lamellipodial dynamics. <i>Journal of Molecular Medicine</i> , 2019, 97, 1345-1357.	3.9	6
85	Promising overall survival of patients with recurrent/metastatic squamous cell carcinoma of head and neck receiving gemcitabine plus cisplatin treatment: report of a multi-center phase II study. <i>Cancer Chemotherapy and Pharmacology</i> , 2010, 65, 259-265.	2.3	4
86	<scp>ECE</scp>â€1 overexpression in head and neck cancer is associated with poor tumor differentiation and patient outcome. <i>Oral Diseases</i> , 2019, 25, 44-53.	3.0	4
87	The landscape of <i>BCRâ€ABL</i> mutations in patients with Philadelphia chromosomeâ€positive leukaemias in the era of secondâ€generation tyrosine kinase inhibitors. <i>Hematological Oncology</i> , 2020, 38, 390-398.	1.7	4
88	Predictors of early progression after curative resection followed by platinum-based adjuvant chemoradiotherapy in oral cavity squamous cell carcinoma. <i>Postgraduate Medicine</i> , 2021, 133, 377-384.	2.0	4
89	RAS Mediates BET Inhibitor-Endued Repression of Lymphoma Migration and Prognosticates a Novel Proteomics-Based Subgroup of DLBCL through Its Negative Regulator IQGAP3. <i>Cancers</i> , 2021, 13, 5024.	3.7	4
90	Using bioinformatics approaches to investigate driver genes and identify BCL7A as a prognostic gene in colorectal cancer. <i>Computational and Structural Biotechnology Journal</i> , 2021, 19, 3922-3929.	4.1	3

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91	Role of PLK1 signaling pathway genes in gastrointestinal stromal tumors. <i>Oncology Letters</i> , 2018, 16, 3070-3082.	1.8	2
92	Snail Augments Nuclear Deformability to Promote Lymph Node Metastasis of Head and Neck Squamous Cell Carcinoma. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 809738.	3.7	2
93	Cisplatin/UFUR/irinotecan triple combination therapy for recurrent/metastatic head and neck squamous cell carcinoma: A phase I/II clinical study.. <i>Journal of Clinical Oncology</i> , 2016, 34, e17508-e17508.	1.6	1
94	Development of Stereo NIR-II Fluorescence Imaging System for 3D Tumor Vasculature in Small Animals. <i>Biosensors</i> , 2022, 12, 85.	4.7	1
95	Response to comment on "Oestrogen-induced angiogenesis and implantation contribute to the development of parasitic myomas after laparoscopic morcellation". <i>Reproductive Biology and Endocrinology</i> , 2017, 15, 55.	3.3	0