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 g-index
99 all docs	99 docs citations	99 times ranked	14739 citing authors

#	Article	IF	Citations
1	Development of Stereo NIR-II Fluorescence Imaging System for 3D Tumor Vasculature in Small Animals. Biosensors, 2022, 12, 85.	4.7	1
2	Snail Augments Nuclear Deformability to Promote Lymph Node Metastasis of Head and Neck Squamous Cell Carcinoma. Frontiers in Cell and Developmental Biology, 2022, 10, 809738.	3.7	2
3	Predictors of early progression after curative resection followed by platinum-based adjuvant chemoradiotherapy in oral cavity squamous cell carcinoma. Postgraduate Medicine, 2021, 133, 377-384.	2.0	4
4	Using bioinformatics approaches to investigate driver genes and identify BCL7A as a prognostic gene in colorectal cancer. Computational and Structural Biotechnology Journal, 2021, 19, 3922-3929.	4.1	3
5	Interplay between desmoglein2 and hypoxia controls metastasis in breast cancer. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	35
6	Regorafenib enhances antitumor immunity via inhibition of p38 kinase/Creb1/Klf4 axis in tumor-associated macrophages. , 2021, 9, e001657.		63
7	DDX3 modulates the tumor microenvironment via its role in endoplasmic reticulum-associated translation. IScience, 2021, 24, 103086.	4.1	10
8	Interplay of Immunometabolism and Epithelialâ€“Mesenchymal Transition in the Tumor Microenvironment. International Journal of Molecular Sciences, 2021, 22, 9878.	4.1	12
9	RAS Mediates BET Inhibitor-Endued Repression of Lymphoma Migration and Prognosticates a Novel Proteomics-Based Subgroup of DLBCL through Its Negative Regulator IQGAP3. Cancers, 2021, 13, 5024.	3.7	4
10	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
11	OncomiR miR-182-5p Enhances Radiosensitivity by Inhibiting the Radiation-Induced Antioxidant Effect through SESN2 in Head and Neck Cancer. Antioxidants, 2021, 10, 1808.	5.1	12
12	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
13	Fibroblast Promotes Head and Neck Squamous Cell Carcinoma Cell Invasion through Mechanical Barriers in 3D Collagen Microenvironments. ACS Applied Bio Materials, 2020, 3, 6419-6429.	4.6	11
14	Immune Adaptation of Colorectal Cancer Stem Cells and Their Interaction With the Tumor Microenvironment. Frontiers in Oncology, 2020, 10, 588542.	2.8	15
15	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
16	PEG-coated nanoparticles detachable in acidic microenvironments for the tumor-directed delivery of chemo- and gene therapies for head and neck cancer. Theranostics, 2020, 10, 6695-6714.	10.0	32
17	Metabolic Reprogramming and Epithelial-Mesenchymal Plasticity: Opportunities and Challenges for Cancer Therapy. Frontiers in Oncology, 2020, 10, 792.	2.8	24
18	Hybrid Epithelial/Mesenchymal State in Cancer Metastasis: Clinical Significance and Regulatory Mechanisms. Cells, 2020, 9, 623.	4.1	76

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19	The landscape of BCRâ€ABL mutations in patients with Philadelphia chromosomeâ€positive leukaemias in the era of secondâ€generation tyrosine kinase inhibitors. Hematological Oncology, 2020, 38, 390-398.	1.7	4
20	Clinicopathological differences in signet ring cell adenocarcinoma between early and advanced gastric cancer. Gastric Cancer, 2019, 22, 255-263.	5.3	56
21	<scp>ECE</scp>â€1 overexpression in head and neck cancer is associated with poor tumor differentiation and patient outcome. Oral Diseases, 2019, 25, 44-53.	3.0	4
22	Targeting non-muscle myosin II promotes corneal endothelial migration through regulating lamellipodial dynamics. Journal of Molecular Medicine, 2019, 97, 1345-1357.	3.9	6
23	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. Lancet, The, 2019, 394, 1915-1928.	13.7	1,804
24	Nerveâ€tumour interaction enhances the aggressiveness of oral squamous cell carcinoma. Clinical Otolaryngology, 2019, 44, 1087-1095.	1.2	11
25	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
26	Clinical, pathophysiologic, and genomic analysis of the outcomes of primary head and neck malignancy after pulmonary metastasectomy. Scientific Reports, 2019, 9, 12913.	3.3	7
27	Snail-induced claudin-11 prompts collective migration for tumour progression. Nature Cell Biology, 2019, 21, 251-262.	10.3	117
28	Tumor stem-like cell-derived exosomal RNAs prime neutrophils for facilitating tumorigenesis of colon cancer. Journal of Hematology and Oncology, 2019, 12, 10.	17.0	115
29	RAB27Bâ€activated secretion of stemâ€like tumor exosomes delivers the biomarker microRNAâ€146aâ€5p, which promotes tumorigenesis and associates with an immunosuppressive tumor microenvironment in colorectal cancer. International Journal of Cancer, 2019, 145, 2209-2224.	5.1	92
30	DNMT3b/OCT4 expression confers sorafenib resistance and poor prognosis of hepatocellular carcinoma through IL-6/STAT3 regulation. Journal of Experimental and Clinical Cancer Research, 2019, 38, 474.	8.6	82
31	HER2 immunohistochemical scores provide prognostic information for patients with HER2â€type invasive breast cancer. Histopathology, 2019, 74, 578-586.	2.9	12
32	Early stage mechanical remodeling of collagen surrounding head and neck squamous cell carcinoma spheroids correlates strongly with their invasion capability. Acta Biomaterialia, 2019, 84, 280-292.	8.3	32
33	Caspase-3, a key apoptotic protein, as a prognostic marker in gastric cancer after curative surgery. International Journal of Surgery, 2018, 52, 258-263.	2.7	44
34	Emerging roles of epithelial-mesenchymal transition in hematological malignancies. Journal of Biomedical Science, 2018, 25, 37.	7.0	40
35	Role of PLK1 signaling pathway genes in gastrointestinal stromal tumors. Oncology Letters, 2018, 16, 3070-3082.	1.8	2
36	STAT3-coordinated migration facilitates the dissemination of diffuse large B-cell lymphomas. Nature Communications, 2018, 9, 3696.	12.8	43

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37	Macrophage-secreted interleukin-35 regulates cancer cell plasticity to facilitate metastatic colonization. Nature Communications, 2018, 9, 3763.	12.8	101
38	Correlation between HGF/c-Met and Notch1 signaling pathways in human gastric cancer cells. Oncology Reports, 2018, 40, 294-302.	2.6	18
39	Snail-overexpressing Cancer Cells Promote M2-Like Polarization of Tumor-Associated Macrophages by Delivering MiR-21-Abundant Exosomes. Neoplasia, 2018, 20, 775-788.	5.3	139
40	Epithelialâ€•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
41	DDX3 Activates CBC-eIF3â€“Mediated Translation of uORF-Containing Oncogenic mRNAs to Promote Metastasis in HNSCC. Cancer Research, 2018, 78, 4512-4523.	0.9	63
42	Identification of a noncanonical function for ribose-5-phosphate isomerase A promotes colorectal cancer formation by stabilizing and activating Î²-catenin via a novel C-terminal domain. PLoS Biology, 2018, 16, e2003714.	5.6	27
43	Significance of cyclin D1 overexpression in progression and radio-resistance of pediatric ependymomas. Oncotarget, 2018, 9, 2527-2542.	1.8	12
44	Lymphotoxin-Î² 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
45	REST is a crucial regulator for acquiring EMT-like and stemness phenotypes in hormone-refractory prostate cancer. Scientific Reports, 2017, 7, 42795.	3.3	36
46	A regulatory <scp>BMI</scp>1/letâ€•7i/<scp>ERK</scp>3 pathway controls the motility of head and neck cancer cells. Molecular Oncology, 2017, 11, 194-207.	4.6	27
47	Revisiting epithelialâ€•mesenchymal transition in cancer metastasis: the connection between epithelial plasticity and stemness. Molecular Oncology, 2017, 11, 792-804.	4.6	172
48	Advances in Laparoscopic and Robotic Gastrectomy for Gastric Cancer. Pathology and Oncology Research, 2017, 23, 13-17.	1.9	17
49	PDâ€‘L1 expression is associated with p16INK4A expression in nonâ€‘oropharyngeal head and neck squamous cell carcinoma. Oncology Letters, 2017, 15, 2259-2265.	1.8	11
50	Response to comment on â€œOestrogen-induced angiogenesis and implantation contribute to the development of parasitic myomas after laparoscopic morcellationâ€• Reproductive Biology and Endocrinology, 2017, 15, 55.	3.3	0
51	Brain-derived neurotrophic factor (BDNF) -TrKB signaling modulates cancer-endothelial cells interaction and affects the outcomes of triple negative breast cancer. PLoS ONE, 2017, 12, e0178173.	2.5	39
52	Endothelial angiogenesis is directed by RUNX1T1-regulated VEGFA, BMP4 and TGF-Î²2 expression. PLoS ONE, 2017, 12, e0179758.	2.5	28
53	Aminopeptidase A initiates tumorigenesis and enhances tumor cell stemness via TWIST1 upregulation in colorectal cancer. Oncotarget, 2017, 8, 21266-21280.	1.8	18
54	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

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55	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
56	Suspension survival mediated by PP2A-STAT3-Col XVII determines tumour initiation and metastasis in cancer stem cells. Nature Communications, 2016, 7, 11798.	12.8	39
57	let-7 Modulates Chromatin Configuration and Target Gene Repression through Regulation of the ARID3B Complex. Cell Reports, 2016, 14, 520-533.	6.4	38
58	Clinicopathological Variation of Lauren Classification in Gastric Cancer. Pathology and Oncology Research, 2016, 22, 197-202.	1.9	173
59	Downregulation of miR-137 and miR-6500-3p promotes cell proliferation in pediatric high-grade gliomas. Oncotarget, 2016, 7, 19723-19737.	1.8	60
60	Cisplatin/UFUR/irinotecan triple combination therapy for recurrent/metastatic head and neck squamous cell carcinoma: A phase I/II clinical study.. Journal of Clinical Oncology, 2016, 34, e17508-e17508.	1.6	1
61	Modified Weekly Cisplatin-Based Chemotherapy Is Acceptable in Postoperative Concurrent Chemoradiotherapy for Locally Advanced Head and Neck Cancer. BioMed Research International, 2015, 2015, 1-7.	1.9	11
62	Over-expression of cofilin-1 suppressed growth and invasion of cancer cells is associated with up-regulation of let-7 microRNA. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2015, 1852, 851-861.	3.8	36
63	MicroRNA-29b regulates migration in oral squamous cell carcinoma and its clinical significance. Oral Oncology, 2015, 51, 170-177.	1.5	39
64	ABCG2 Localizes to the Nucleus and Modulates CDH1 Expression in Lung Cancer Cells. Neoplasia, 2015, 17, 265-278.	5.3	45
65	Epithelialâ€“mesenchymal transition-related factors in solid tumor and hematological malignancy. Journal of the Chinese Medical Association, 2015, 78, 438-445.	1.4	41
66	Four-and-a-Half LIM Domains Protein 2 Is a Coactivator of Wnt Signaling in Diabetic Kidney Disease. Journal of the American Society of Nephrology: JASN, 2015, 26, 3072-3084.	6.1	34
67	Small GTPase Rab37 targets tissue inhibitor of metalloproteinase 1 for exocytosis and thus suppresses tumour metastasis. Nature Communications, 2014, 5, 4804.	12.8	48
68	Oestrogenâ€induced angiogenesis promotes adenomyosis by activating the <scp>S</scp>lugâ€<scp>VEGF</scp> axis in endometrial epithelial cells. Journal of Cellular and Molecular Medicine, 2014, 18, 1358-1371.	3.6	64
69	MicroRNA-146a directs the symmetric division of Snail-dominant colorectal cancer stem cells. Nature Cell Biology, 2014, 16, 268-280.	10.3	241
70	SIRT3 Expression as a Biomarker for Better Prognosis in Gastric Cancer. World Journal of Surgery, 2014, 38, 910-917.	1.6	33
71	Acetylation of Snail Modulates the Cytokinome of Cancer Cells to Enhance the Recruitment of Macrophages. Cancer Cell, 2014, 26, 534-548.	16.8	158
72	Yin Yang 1 is a target of microRNA-34 family and contributes to gastric carcinogenesis. Oncotarget, 2014, 5, 5002-5016.	1.8	69

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73	Histone modification patterns correlate with patient outcome in oral squamous cell carcinoma. Cancer, 2013, 119, 4259-4267.	4.1	66
74	Predisposing factors, management, and prognostic evaluation of acute carotid blowout syndrome. Journal of Vascular Surgery, 2013, 58, 1226-1235.	1.1	49
75	Connective Tissue Growth Factor Activates Pluripotency Genes and Mesenchymalâ€“Epithelial Transition in Head and Neck Cancer Cells. Cancer Research, 2013, 73, 4147-4157.	0.9	82
76	Chromosome Instability Modulated by BMI1â€“AURKA Signaling Drives Progression in Head and Neck Cancer. Cancer Research, 2013, 73, 953-966.	0.9	72
77	Serum Albumin is an Important Prognostic Factor for Carotid Blowout Syndrome. Japanese Journal of Clinical Oncology, 2013, 43, 532-539.	1.3	8
78	Hypoxia-Induced Secretion of TGF-Î²1 in Mesenchymal Stem Cell Promotes Breast Cancer Cell Progression. Cell Transplantation, 2013, 22, 1869-1882.	2.5	115
79	Epithelialâ€“Mesenchymal Transition Induced by TNF-Î± Requires NF-ÎºBâ€“Mediated Transcriptional Upregulation of Twist1. Cancer Research, 2012, 72, 1290-1300.	0.9	406
80	RAC1 activation mediates Twist1-induced cancer cell migration. Nature Cell Biology, 2012, 14, 366-374.	10.3	217
81	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
82	Predictors and impact of microsurgical complications in patients with locally advanced oral squamous cell carcinoma. Cancer Science, 2012, 103, 1672-1678.	3.9	8
83	SNAIL Regulates Interleukin-8 Expression, Stem Cellâ€“Like Activity, and Tumorigenicity of Human Colorectal Carcinoma Cells. Gastroenterology, 2011, 141, 279-291.e5.	1.3	266
84	Interplay between HDAC3 and WDR5 Is Essential for Hypoxia-Induced Epithelial-Mesenchymal Transition. Molecular Cell, 2011, 43, 811-822.	9.7	233
85	Glucose Reduction Prevents Replicative Senescence and Increases Mitochondrial Respiration in Human Mesenchymal Stem Cells. Cell Transplantation, 2011, 20, 813-826.	2.5	61
86	Epithelialâ€“mesenchymal transition and cancer stemness: the Twist1â€“Bmi1 connection. Bioscience Reports, 2011, 31, 449-455.	2.4	74
87	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. Cancer Chemotherapy and Pharmacology, 2010, 65, 259-265.	2.3	4
88	Oestrogenâ€induced epithelialâ€“mesenchymal transition of endometrial epithelial cells contributes to the development of adenomyosis. Journal of Pathology, 2010, 222, 261-270.	4.5	201
89	Bmi1 is essential in Twist1-induced epithelialâ€“mesenchymal transition. Nature Cell Biology, 2010, 12, 982-992.	10.3	583
90	Regulation of Excision Repair Cross-Complementation Group 1 by Snail Contributes to Cisplatin Resistance in Head and Neck Cancer. Clinical Cancer Research, 2010, 16, 4561-4571.	7.0	145

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91	Comprehensive analysis of the independent effect of twist and snail in promoting metastasis of hepatocellular carcinoma. Hepatology, 2009, 50, 1464-1474.	7.3	321
92	Regulation of Membrane-Type 4 Matrix Metalloproteinase by SLUG Contributes to Hypoxia-Mediated Metastasis. Neoplasia, 2009, 11, 1371-IN14.	5.3	95
93	Direct regulation of TWIST by HIF-1Î± promotes metastasis. Nature Cell Biology, 2008, 10, 295-305.	10.3	1,187
94	TWIST activation by hypoxia inducible factor-1 (HIF-1): Implications in metastasis and development. Cell Cycle, 2008, 7, 2090-2096.	2.6	266
95	Increased NBS1 Expression Is a Marker of Aggressive Head and Neck Cancer and Overexpression of NBS1 Contributes to Transformation. Clinical Cancer Research, 2006, 12, 507-515.	7.0	73