

Muzafar A Macha

List of Publications by Year in descending order

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Version: 2024-02-01

59
papers

2,299
citations

185998

28
h-index

223531

46
g-index

61
all docs

61
docs citations

61
times ranked

3257
citing authors

#	ARTICLE	IF	CITATIONS
1	Liquid biopsy: a step closer to transform diagnosis, prognosis and future of cancer treatments. <i>Molecular Cancer</i> , 2022, 21, 79.	7.9	219
2	Mucins in Lung Cancer: Diagnostic, Prognostic, and Therapeutic Implications. <i>Journal of Thoracic Oncology</i> , 2015, 10, 19-27.	0.5	110
3	Targeting cancer signaling pathways by natural products: Exploring promising anti-cancer agents. <i>Biomedicine and Pharmacotherapy</i> , 2022, 150, 113054.	2.5	91
4	Clinical implications of miRNAs in the pathogenesis, diagnosis and therapy of pancreatic cancer. <i>Advanced Drug Delivery Reviews</i> , 2015, 81, 16-33.	6.6	89
5	Afatinib and Temozolomide combination inhibits tumorigenesis by targeting EGFRvIII-cMet signaling in glioblastoma cells. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019, 38, 266.	3.5	81
6	Prognostic significance of nuclear pSTAT3 in oral cancer. <i>Head and Neck</i> , 2011, 33, 482-489.	0.9	79
7	Guggulsterone decreases proliferation and metastatic behavior of pancreatic cancer cells by modulating JAK/STAT and Src/FAK signaling. <i>Cancer Letters</i> , 2013, 341, 166-177.	3.2	77
8	Natural products: a hope for glioblastoma patients. <i>Oncotarget</i> , 2018, 9, 22194-22219.	0.8	77
9	MUC4 potentiates invasion and metastasis of pancreatic cancer cells through stabilization of fibroblast growth factor receptor 1. <i>Carcinogenesis</i> , 2012, 33, 1953-1964.	1.3	76
10	Claudin-1, A Double-Edged Sword in Cancer. <i>International Journal of Molecular Sciences</i> , 2020, 21, 569.	1.8	76
11	Cytokine-chemokine network driven metastasis in esophageal cancer; promising avenue for targeted therapy. <i>Molecular Cancer</i> , 2021, 20, 2.	7.9	76
12	MicroRNAs (miRNAs) as Biomarker(s) for Prognosis and Diagnosis of Gastrointestinal (GI) Cancers. <i>Current Pharmaceutical Design</i> , 2014, 20, 5287-5297.	0.9	71
13	The tumor microenvironment as driver of stemness and therapeutic resistance in breast cancer: New challenges and therapeutic opportunities. <i>Cellular Oncology (Dordrecht)</i> , 2021, 44, 1209-1229.	2.1	71
14	Guggulsterone (GS) inhibits smokeless tobacco and nicotine-induced NF- κ B and STAT3 pathways in head and neck cancer cells. <i>Carcinogenesis</i> , 2011, 32, 368-380.	1.3	69
15	Tumor microenvironment: an evil nexus promoting aggressive head and neck squamous cell carcinoma and avenue for targeted therapy. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 12.	7.1	68
16	Mucin (Muc) expression during pancreatic cancer progression in spontaneous mouse model: potential implications for diagnosis and therapy. <i>Journal of Hematology and Oncology</i> , 2012, 5, 68.	6.9	65
17	Promoter hypermethylation in Indian primary oral squamous cell carcinoma. <i>International Journal of Cancer</i> , 2010, 127, 2367-2373.	2.3	56
18	Identification of proteins secreted by head and neck cancer cell lines using LC- μ MS/MS: Strategy for discovery of candidate serological biomarkers. <i>Proteomics</i> , 2011, 11, 2363-2376.	1.3	56

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19	Insights Into the Role of CircRNAs: Biogenesis, Characterization, Functional, and Clinical Impact in Human Malignancies. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 617281.	1.8	53
20	Changes in microRNA (miRNA) expression during pancreatic cancer development and progression in a genetically engineered KrasG12D;Pdx1-Cre mouse (KC) model. <i>Oncotarget</i> , 2015, 6, 40295-40309.	0.8	46
21	Significance of promoter hypermethylation of <i>p16</i> gene for margin assessment in carcinoma tongue. <i>Head and Neck</i> , 2009, 31, 1423-1430.	0.9	44
22	Afatinib radiosensitizes head and neck squamous cell carcinoma cells by targeting cancer stem cells. <i>Oncotarget</i> , 2017, 8, 20961-20973.	0.8	41
23	Cytoplasmic accumulation of activated leukocyte cell adhesion molecule is a predictor of disease progression and reduced survival in oral cancer patients. <i>International Journal of Cancer</i> , 2009, 124, 2098-2105.	2.3	40
24	14-3-3 zeta is a molecular target in guggulsterone induced apoptosis in Head and Neck cancer cells. <i>BMC Cancer</i> , 2010, 10, 655.	1.1	39
25	Therapeutic Effects of Curcumol in Several Diseases; An Overview. <i>Nutrition and Cancer</i> , 2021, 73, 181-195.	0.9	39
26	Holy Basil leaf extract decreases tumorigenicity and metastasis of aggressive human pancreatic cancer cells in vitro and in vivo: Potential role in therapy. <i>Cancer Letters</i> , 2013, 336, 270-280.	3.2	37
27	Emerging therapeutic potential of graviola and its constituents in cancers. <i>Carcinogenesis</i> , 2018, 39, 522-533.	1.3	33
28	Chemokine-Cytokine Networks in the Head and Neck Tumor Microenvironment. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4584.	1.8	29
29	MUC4 regulates cellular senescence in head and neck squamous cell carcinoma through p16/Rb pathway. <i>Oncogene</i> , 2015, 34, 1698-1708.	2.6	28
30	The canonical Wnt pathway regulates the metastasis-promoting mucin MUC4 in pancreatic ductal adenocarcinoma. <i>Molecular Oncology</i> , 2016, 10, 224-239.	2.1	28
31	Axed MUC4 (MUC4/X) aggravates pancreatic malignant phenotype by activating integrin- β 1/FAK/ERK pathway. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018, 1864, 2538-2549.	1.8	28
32	Guggulsterone Targets Smokeless Tobacco Induced PI3K/Akt Pathway in Head and Neck Cancer Cells. <i>PLoS ONE</i> , 2011, 6, e14728.	1.1	26
33	Emerging potential of natural products for targeting mucins for therapy against inflammation and cancer. <i>Cancer Treatment Reviews</i> , 2015, 41, 277-288.	3.4	24
34	Trefoil factor(s) and CA19.9: A promising panel for early detection of pancreatic cancer. <i>EBioMedicine</i> , 2019, 42, 375-385.	2.7	24
35	Clinical significance of TC21 overexpression in oral cancer. <i>Journal of Oral Pathology and Medicine</i> , 2010, 39, 477-485.	1.4	23
36	Profile of vismodegib and its potential in the treatment of advanced basal cell carcinoma. <i>Cancer Management and Research</i> , 2013, 5, 197.	0.9	22

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37	Immunometabolic Alterations by HPV Infection: New Dimensions to Head and Neck Cancer Disparity. <i>Journal of the National Cancer Institute</i> , 2019, 111, 233-244.	3.0	21
38	MUC4 is negatively regulated through the Wnt/ β 2-catenin pathway via the Notch effector Hath1 in colorectal cancer. <i>Genes and Cancer</i> , 2016, 7, 154-168.	0.6	18
39	Exploring Dysregulated Signaling Pathways in Cancer. <i>Current Pharmaceutical Design</i> , 2020, 26, 429-445.	0.9	18
40	Dual blockade of EGFR and CDK4/6 delays head and neck squamous cell carcinoma progression by inducing metabolic rewiring. <i>Cancer Letters</i> , 2021, 510, 79-92.	3.2	16
41	Combination of MUC1 and MUC4 expression predicts clinical outcome in patients with oral squamous cell carcinoma. <i>International Journal of Clinical Oncology</i> , 2015, 20, 298-307.	1.0	15
42	Non-invasive biomarkers for monitoring the immunotherapeutic response to cancer. <i>Journal of Translational Medicine</i> , 2020, 18, 471.	1.8	15
43	Odyssey of trefoil factors in cancer: Diagnostic and therapeutic implications. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2020, 1873, 188362.	3.3	13
44	Novel therapies hijack the blood-brain barrier to eradicate glioblastoma cancer stem cells. <i>Carcinogenesis</i> , 2019, 40, 2-14.	1.3	12
45	miRNAs as novel immunoregulators in cancer. <i>Seminars in Cell and Developmental Biology</i> , 2022, 124, 3-14.	2.3	11
46	Differential mutation spectrum and immune landscape in African Americans versus Whites: A possible determinant to health disparity in head and neck cancer. <i>Cancer Letters</i> , 2020, 492, 44-53.	3.2	10
47	Silicon: A Multitalented Micronutrient in OMICS Perspective - An Update. <i>Current Proteomics</i> , 2012, 9, 245-254.	0.1	9
48	Differential gene expression-based connectivity mapping identified novel drug candidate and improved Temozolomide efficacy for Glioblastoma. <i>Journal of Experimental and Clinical Cancer Research</i> , 2021, 40, 335.	3.5	8
49	Ubiquitin-specific peptidase 37: an important cog in the oncogenic machinery of cancerous cells. <i>Journal of Experimental and Clinical Cancer Research</i> , 2021, 40, 356.	3.5	8
50	Recent Advances in Head and Neck Tumor Microenvironment-Based Therapy. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1296, 11-31.	0.8	3
51	Receptor Tyrosine Kinase Signaling Pathways as a Goldmine for Targeted Therapy in Head and Neck Cancers. , 2021, , 163-184.		1
52	Abstract 4044: MUC4 knockdown induces cellular senescence in head and neck cancer cells.. , 2013, , .		0
53	Abstract 1726: Targeting pancreatic cancer stem cells by afatinib in organoid culture. , 2016, , .		0
54	Abstract 719: Pathobiological implications of Trefoil Factors in the progression and metastasis of pancreatic cancer. , 2017, , .		0

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55	Abstract 1909: NR4A2 role in head and neck cancer: Mechanistic and functional analysis. , 2018, , .		0
56	Abstract 4684: Afatinib targets glioblastoma stem cells by inhibiting EGFRVIII-cMet co-activation. , 2019, , .		0
57	Abstract A31: Deregulation of NOTCH 1/NR4A2 signaling axis in head and neck cancer pathogenesis. , 2020, , .		0
58	Recent Advances in Oral Cancer Research. , 2021, , 27-39.		0
59	Reply. Cancer Letters, 2022, 527, 193-194.	3.2	0