

Demeng Chen

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

2,484
citations

279487

23
h-index

288905

40
g-index

48
all docs

48
docs citations

48
times ranked

3378
citing authors

#	ARTICLE	IF	CITATIONS
1	METTL3 facilitates tumor progression via an m6A-IGF2BP2-dependent mechanism in colorectal carcinoma. <i>Molecular Cancer</i> , 2019, 18, 112.	7.9	515
2	Dermal β -catenin activity in response to epidermal Wnt ligands is required for fibroblast proliferation and hair follicle initiation. <i>Development (Cambridge)</i> , 2012, 139, 1522-1533.	1.2	221
3	Targeting BMI1 + Cancer Stem Cells Overcomes Chemoresistance and Inhibits Metastases in Squamous Cell Carcinoma. <i>Cell Stem Cell</i> , 2017, 20, 621-634.e6.	5.2	201
4	Dynamic m6A mRNA methylation reveals the role of METTL3-m6A-CDCP1 signaling axis in chemical carcinogenesis. <i>Oncogene</i> , 2019, 38, 4755-4772.	2.6	142
5	Dermal fibroblast in cutaneous development and healing. <i>Wiley Interdisciplinary Reviews: Developmental Biology</i> , 2018, 7, e307.	5.9	128
6	Super enhancer inhibitors suppress MYC driven transcriptional amplification and tumor progression in osteosarcoma. <i>Bone Research</i> , 2018, 6, 11.	5.4	99
7	METTL3 Promotes Tumorigenesis and Metastasis through BMI1 m6A Methylation in Oral Squamous Cell Carcinoma. <i>Molecular Therapy</i> , 2020, 28, 2177-2190.	3.7	96
8	Single-Cell Analysis Reveals a Hair Follicle Dermal Niche Molecular Differentiation Trajectory that Begins Prior to Morphogenesis. <i>Developmental Cell</i> , 2019, 48, 17-31.e6.	3.1	90
9	Long non-coding RNA HoxA-AS3 interacts with EZH2 to regulate lineage commitment of mesenchymal stem cells. <i>Oncotarget</i> , 2016, 7, 63561-63570.	0.8	80
10	Aberrant translation regulated by METTL1/WDR4-mediated tRNA N7-methylguanosine modification drives head and neck squamous cell carcinoma progression. <i>Cancer Communications</i> , 2022, 42, 223-244.	3.7	75
11	Targeting cancer stem cells in squamous cell carcinoma. <i>Precision Clinical Medicine</i> , 2019, 2, 152-165.	1.3	67
12	Histone deacetylase 4 promotes TGF- β 1-induced synovium-derived stem cell chondrogenesis but inhibits chondrogenically differentiated stem cell hypertrophy. <i>Differentiation</i> , 2009, 78, 260-268.	1.0	63
13	Multifunctional Branched Nanostraw-Electroporation Platform for Intracellular Regulation and Monitoring of Circulating Tumor Cells. <i>Nano Letters</i> , 2019, 19, 7201-7209.	4.5	61
14	Heterogeneous microenvironmental stiffness regulates pro-metastatic functions of breast cancer cells. <i>Acta Biomaterialia</i> , 2021, 131, 326-340.	4.1	56
15	Tumor microenvironment in head and neck squamous cell carcinoma: Functions and regulatory mechanisms. <i>Cancer Letters</i> , 2021, 507, 55-69.	3.2	53
16	Conditional ablation of TGF- β signaling inhibits tumor progression and invasion in an induced mouse bladder cancer model. <i>Scientific Reports</i> , 2016, 6, 29479.	1.6	40
17	FOSL1 promotes metastasis of head and neck squamous cell carcinoma through super-enhancer-driven transcription program. <i>Molecular Therapy</i> , 2021, 29, 2583-2600.	3.7	39
18	Ubiquitin specific peptidase 21 regulates interleukin-8 expression, stem-cell like property of human renal cell carcinoma. <i>Oncotarget</i> , 0, 7, 42007-42016.	0.8	37

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19	METTL3-mediated m6A mRNA modification promotes esophageal cancer initiation and progression via Notch signaling pathway. <i>Molecular Therapy - Nucleic Acids</i> , 2021, 26, 333-346.	2.3	37
20	GIN52 regulates matrix metalloproteinase 9 expression and cancer stem cell property in human triple negative Breast cancer. <i>Biomedicine and Pharmacotherapy</i> , 2016, 84, 1568-1574.	2.5	34
21	Amelioration of Ductular Reaction by Stem Cell Derived Extracellular Vesicles in MDR2 Knockout Mice via Lethal microRNA. <i>Hepatology</i> , 2019, 69, 2562-2578.	3.6	32
22	Effect of gelatin sponge with colloid silver on bone healing in infected cranial defects. <i>Materials Science and Engineering C</i> , 2017, 70, 371-377.	3.8	30
23	Targeting KDM4A epigenetically activates tumor-cell-intrinsic immunity by inducing DNA replication stress. <i>Molecular Cell</i> , 2021, 81, 2148-2165.e9.	4.5	30
24	Deficiency of Mettl3 in Bladder Cancer Stem Cells Inhibits Bladder Cancer Progression and Angiogenesis. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 627706.	1.8	26
25	Smoking May Lead to Marginal Bone Loss Around Non-Submerged Implants During Bone Healing by Altering Salivary Microbiome: A Prospective Study. <i>Journal of Periodontology</i> , 2017, 88, 1297-1308.	1.7	25
26	Knockout of microRNA-21 attenuates alcoholic hepatitis through the VHL/NF- κ B signaling pathway in hepatic stellate cells. <i>American Journal of Physiology - Renal Physiology</i> , 2018, 315, G385-G398.	1.6	24
27	Defining the identity of mouse embryonic dermal fibroblasts. <i>Genesis</i> , 2016, 54, 415-430.	0.8	23
28	Long Noncoding RNA HOXA-AS3 Integrates NF- κ B Signaling To Regulate Endothelium Inflammation. <i>Molecular and Cellular Biology</i> , 2019, 39, .	1.1	23
29	Mettl5 mediated 18S rRNA N6-methyladenosine (m6A) modification controls stem cell fate determination and neural function. <i>Genes and Diseases</i> , 2022, 9, 268-274.	1.5	21
30	Low doses of decitabine improve the chemotherapy efficacy against basal-like bladder cancer by targeting cancer stem cells. <i>Oncogene</i> , 2019, 38, 5425-5439.	2.6	19
31	Ubiquitin specific protease 21 upregulation in breast cancer promotes cell tumorigenic capability and is associated with the NOD-like receptor signaling pathway. <i>Oncology Letters</i> , 2016, 12, 4531-4537.	0.8	17
32	Inhibition of glutathione metabolism attenuates esophageal cancer progression. <i>Experimental and Molecular Medicine</i> , 2017, 49, e318-e318.	3.2	14
33	Chromatin remodeling enzyme CHD7 is necessary for osteogenesis of human mesenchymal stem cells. <i>Biochemical and Biophysical Research Communications</i> , 2016, 478, 1588-1593.	1.0	12
34	Methyltransferase like 13 mediates the translation of Snail in head and neck squamous cell carcinoma. <i>International Journal of Oral Science</i> , 2021, 13, 26.	3.6	11
35	Sox9-expressing cells promote regeneration after radiation-induced lung injury via the PI3K/AKT pathway. <i>Stem Cell Research and Therapy</i> , 2021, 12, 381.	2.4	9
36	Histone H2A and H2B Deubiquitinase in Developmental Disease and Cancer. <i>Cancer Translational Medicine</i> , 2015, 1, 170.	0.2	8

#	ARTICLE	IF	CITATIONS
37	Bmi1 Severs as a Potential Tumor-Initiating Cell Marker and Therapeutic Target in Esophageal Squamous Cell Carcinoma. <i>Stem Cells International</i> , 2020, 2020, 1-9.	1.2	7
38	Sox9+ cells are required for salivary gland regeneration after radiation damage via the Wnt/ β -catenin pathway. <i>Journal of Genetics and Genomics</i> , 2022, 49, 230-239.	1.7	6
39	CBFA2T2 is associated with a cancer stem cell state in renal cell carcinoma. <i>Cancer Cell International</i> , 2017, 17, 103.	1.8	5
40	Generation of a squamous cell carcinoma mouse model for lineage tracing of BMI1+ cancer stem cells. <i>STAR Protocols</i> , 2021, 2, 100484.	0.5	4