

F Mechta-Grigoriou

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

6,459
citations

159585

30
h-index

233421

45
g-index

48
all docs

48
docs citations

48
times ranked

10863
citing authors

#	ARTICLE	IF	CITATIONS
1	Fibroblast Heterogeneity and Immunosuppressive Environment in Human Breast Cancer. <i>Cancer Cell</i> , 2018, 33, 463-479.e10.	16.8	1,074
2	JunD Reduces Tumor Angiogenesis by Protecting Cells from Oxidative Stress. <i>Cell</i> , 2004, 118, 781-794.	28.9	530
3	miR-141 and miR-200a act on ovarian tumorigenesis by controlling oxidative stress response. <i>Nature Medicine</i> , 2011, 17, 1627-1635.	30.7	446
4	Single-Cell Analysis Reveals Fibroblast Clusters Linked to Immunotherapy Resistance in Cancer. <i>Cancer Discovery</i> , 2020, 10, 1330-1351.	9.4	424
5	Aberrantly expressed c-Jun and JunB are a hallmark of Hodgkin lymphoma cells, stimulate proliferation and synergize with NF-kappaB. <i>EMBO Journal</i> , 2002, 21, 4104-4113.	7.8	323
6	The mammalian Jun proteins: redundancy and specificity. <i>Oncogene</i> , 2001, 20, 2378-2389.	5.9	310
7	Oxidative stress promotes myofibroblast differentiation and tumour spreading. <i>EMBO Molecular Medicine</i> , 2010, 2, 211-230.	6.9	261
8	The role of reactive oxygen species and metabolism on cancer cells and their microenvironment. <i>Seminars in Cancer Biology</i> , 2014, 25, 23-32.	9.6	243
9	Conditional Mineralocorticoid Receptor Expression in the Heart Leads to Life-Threatening Arrhythmias. <i>Circulation</i> , 2005, 111, 3025-3033.	1.6	240
10	Cancer-associated fibroblast heterogeneity in axillary lymph nodes drives metastases in breast cancer through complementary mechanisms. <i>Nature Communications</i> , 2020, 11, 404.	12.8	230
11	miR200-regulated CXCL12 ^{hi} promotes fibroblast heterogeneity and immunosuppression in ovarian cancers. <i>Nature Communications</i> , 2018, 9, 1056.	12.8	188
12	PML-Regulated Mitochondrial Metabolism Enhances Chemosensitivity in Human Ovarian Cancers. <i>Cell Metabolism</i> , 2019, 29, 156-173.e10.	16.2	174
13	Redox regulation of the hypoxia-inducible factor. <i>Biological Chemistry</i> , 2006, 387, 1337-46.	2.5	162
14	Heterogeneity in Cancer Metabolism: New Concepts in an Old Field. <i>Antioxidants and Redox Signaling</i> , 2017, 26, 462-485.	5.4	162
15	MSC-Regulated MicroRNAs Converge on the Transcription Factor FOXP2 and Promote Breast Cancer Metastasis. <i>Cell Stem Cell</i> , 2014, 15, 762-774.	11.1	155
16	Fibroblast heterogeneity in tumor micro-environment: Role in immunosuppression and new therapies. <i>Seminars in Immunology</i> , 2020, 48, 101417.	5.6	132
17	Inhibition of autophagy as a new means of improving chemotherapy efficiency in high-LC3B triple-negative breast cancers. <i>Autophagy</i> , 2014, 10, 2122-2142.	9.1	130
18	Chronic oxidative stress promotes H2O2 protein degradation and enhances chemosensitivity in breast cancer patients. <i>EMBO Molecular Medicine</i> , 2016, 8, 527-549.	6.9	126

#	ARTICLE	IF	CITATIONS
19	Role of cancer-associated fibroblast subpopulations in immune infiltration, as a new means of treatment in cancer. <i>Immunological Reviews</i> , 2021, 302, 259-272.	6.0	113
20	Dissection of intercellular communication using the transcriptome-based framework ICELLNET. <i>Nature Communications</i> , 2021, 12, 1089.	12.8	105
21	Deletion of the Activated Protein-1 Transcription Factor JunD Induces Oxidative Stress and Accelerates Age-Related Endothelial Dysfunction. <i>Circulation</i> , 2013, 127, 1229-1240.	1.6	90
22	Impaired intervertebral disc formation in the absence of Jun. <i>Development (Cambridge)</i> , 2003, 130, 103-109.	2.5	75
23	JunD is involved in the antiproliferative effect of δ^9 -tetrahydrocannabinol on human breast cancer cells. <i>Oncogene</i> , 2008, 27, 5033-5044.	5.9	66
24	Oxidative Stress Contributes to Aging by Enhancing Pancreatic Angiogenesis and Insulin Signaling. <i>Cell Metabolism</i> , 2008, 7, 113-124.	16.2	64
25	CXCR4 inhibitors could benefit to HER2 but not to triple-negative breast cancer patients. <i>Oncogene</i> , 2017, 36, 1211-1222.	5.9	61
26	The antidepressant sertraline downregulates Akt and has activity against melanoma cells. <i>Pigment Cell and Melanoma Research</i> , 2008, 21, 451-456.	3.3	54
27	Nab proteins mediate a negative feedback loop controlling Krox-20 activity in the developing hindbrain. <i>Development (Cambridge)</i> , 2000, 127, 119-128.	2.5	53
28	MAP3K8/TPL-2/COT is a potential predictive marker for MEK inhibitor treatment in high-grade serous ovarian carcinomas. <i>Nature Communications</i> , 2015, 6, 8583.	12.8	42
29	A subset of activated fibroblasts is associated with distant relapse in early luminal breast cancer. <i>Breast Cancer Research</i> , 2020, 22, 76.	5.0	41
30	The antioxidant N-acetylcysteine protects from lung emphysema but induces lung adenocarcinoma in mice. <i>JCI Insight</i> , 2019, 4, .	5.0	38
31	Regulation of miR-200c/141 expression by intergenic DNA-looping and transcriptional read-through. <i>Nature Communications</i> , 2016, 7, 8959.	12.8	37
32	Stiffness increases with myofibroblast content and collagen density in mesenchymal high grade serous ovarian cancer. <i>Scientific Reports</i> , 2021, 11, 4219.	3.3	37
33	Fibroblast heterogeneity in solid tumors: From single cell analysis to whole-body imaging. <i>Seminars in Cancer Biology</i> , 2022, 86, 262-272.	9.6	34
34	AMOTL1 Promotes Breast Cancer Progression and Is Antagonized by Merlin. <i>Neoplasia</i> , 2016, 18, 10-24.	5.3	31
35	Tumor Cells and Cancer-Associated Fibroblasts: An Updated Metabolic Perspective. <i>Cancers</i> , 2021, 13, 399.	3.7	27
36	Ovarian cancer emerging subtypes: Role of oxidative stress and fibrosis in tumour development and response to treatment. <i>International Journal of Biochemistry and Cell Biology</i> , 2013, 45, 1092-1098.	2.8	26

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37	Loss of SDHB Promotes Dysregulated Iron Homeostasis, Oxidative Stress, and Sensitivity to Ascorbate. <i>Cancer Research</i> , 2021, 81, 3480-3494.	0.9	26
38	Combined ChIP-Seq and transcriptome analysis identifies AP-1/JunD as a primary regulator of oxidative stress and IL-1 β synthesis in macrophages. <i>BMC Genomics</i> , 2013, 14, 92.	2.8	24
39	A multivariate Th17 metagene for prognostic stratification in T cell non-inflamed triple negative breast cancer. <i>OncoImmunology</i> , 2019, 8, e1624130.	4.6	23
40	Clinical Interest of Combining Transcriptomic and Genomic Signatures in High-Grade Serous Ovarian Cancer. <i>Frontiers in Genetics</i> , 2020, 11, 219.	2.3	21
41	c-jun regulation and function in the developing hindbrain. <i>Developmental Biology</i> , 2003, 258, 419-431.	2.0	19
42	AP-1 Transcription Factor JunD Confers Protection from Accelerated Nephrotoxic Nephritis and Control Podocyte-Specific Vegfa Expression. <i>American Journal of Pathology</i> , 2011, 179, 134-140.	3.8	17
43	CD73-Mediated Immunosuppression Is Linked to a Specific Fibroblast Population That Paves the Way for New Therapy in Breast Cancer. <i>Cancers</i> , 2021, 13, 5878.	3.7	17
44	Control of cancer-associated fibroblast function by oxidative stress: A new piece in the puzzle. <i>Cell Cycle</i> , 2013, 12, 2169-2169.	2.6	7
45	225 Oxidative stress promotes myofibroblast differentiation and tumour spreading. <i>European Journal of Cancer, Supplement</i> , 2010, 8, 124.	2.2	1
46	MIR141 (microRNA 141). <i>Atlas of Genetics and Cytogenetics in Oncology and Haematology</i> , 2013, , .	0.1	0