

Amato J Giaccia

List of Publications by Year in descending order

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178
papers

24,002
citations

9786

73
h-index

7518

151
g-index

186
all docs

186
docs citations

186
times ranked

30206
citing authors

#	ARTICLE	IF	CITATIONS
1	Hypoxia-mediated selection of cells with diminished apoptotic potential in solid tumours. <i>Nature</i> , 1996, 379, 88-91.	27.8	2,223
2	Pre-metastatic niches: organ-specific homes for metastases. <i>Nature Reviews Cancer</i> , 2017, 17, 302-317.	28.4	1,272
3	Lysyl oxidase is essential for hypoxia-induced metastasis. <i>Nature</i> , 2006, 440, 1222-1226.	27.8	1,231
4	Regulation of Hypoxia-Inducible Factor 1 α Expression and Function by the Mammalian Target of Rapamycin. <i>Molecular and Cellular Biology</i> , 2002, 22, 7004-7014.	2.3	1,106
5	Hypoxia-Induced Lysyl Oxidase Is a Critical Mediator of Bone Marrow Cell Recruitment to Form the Premetastatic Niche. <i>Cancer Cell</i> , 2009, 15, 35-44.	16.8	1,056
6	Hypoxic control of metastasis. <i>Science</i> , 2016, 352, 175-180.	12.6	953
7	HIF-1 as a target for drug development. <i>Nature Reviews Drug Discovery</i> , 2003, 2, 803-811.	46.4	561
8	Hypoxia-Inducible mir-210 Regulates Normoxic Gene Expression Involved in Tumor Initiation. <i>Molecular Cell</i> , 2009, 35, 856-867.	9.7	549
9	Gene Expression Programs in Response to Hypoxia: Cell Type Specificity and Prognostic Significance in Human Cancers. <i>PLoS Medicine</i> , 2006, 3, e47.	8.4	536
10	Radiation oncology: a century of achievements. <i>Nature Reviews Cancer</i> , 2004, 4, 737-747.	28.4	498
11	Targeting GLUT1 and the Warburg Effect in Renal Cell Carcinoma by Chemical Synthetic Lethality. <i>Science Translational Medicine</i> , 2011, 3, 94ra70.	12.4	431
12	Inhibition of PPAR γ 2 Gene Expression by the HIF-1-Regulated Gene DEC1/Stra13. <i>Developmental Cell</i> , 2002, 2, 331-341.	7.0	419
13	MiR-210 "micromanager of the hypoxia pathway". <i>Trends in Molecular Medicine</i> , 2010, 16, 230-237.	6.7	343
14	The ever-expanding role of HIF in tumour and stromal biology. <i>Nature Cell Biology</i> , 2016, 18, 356-365.	10.3	337
15	Regulation of p53 by Hypoxia: Dissociation of Transcriptional Repression and Apoptosis from p53-Dependent Transactivation. <i>Molecular and Cellular Biology</i> , 2001, 21, 1297-1310.	2.3	326
16	Hypoxia, inflammation, and the tumor microenvironment in metastatic disease. <i>Cancer and Metastasis Reviews</i> , 2010, 29, 285-293.	5.9	321
17	Regulation of the Histone Demethylase JMJD1A by Hypoxia-Inducible Factor 1 α Enhances Hypoxic Gene Expression and Tumor Growth. <i>Molecular and Cellular Biology</i> , 2010, 30, 344-353.	2.3	312
18	Multiple Factors Affecting Cellular Redox Status and Energy Metabolism Modulate Hypoxia-Inducible Factor Prolyl Hydroxylase Activity In Vivo and In Vitro. <i>Molecular and Cellular Biology</i> , 2007, 27, 912-925.	2.3	295

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19	Hypoxic gene expression and metastasis. <i>Cancer and Metastasis Reviews</i> , 2004, 23, 293-310.	5.9	287
20	Hypoxia Links ATR and p53 through Replication Arrest. <i>Molecular and Cellular Biology</i> , 2002, 22, 1834-1843.	2.3	283
21	Investigating hypoxic tumor physiology through gene expression patterns. <i>Oncogene</i> , 2003, 22, 5907-5914.	5.9	283
22	Hypoxia, gene expression, and metastasis. <i>Cancer and Metastasis Reviews</i> , 2007, 26, 333-339.	5.9	274
23	ATR/ATM Targets Are Phosphorylated by ATR in Response to Hypoxia and ATM in Response to Reoxygenation. <i>Journal of Biological Chemistry</i> , 2003, 278, 12207-12213.	3.4	250
24	The HIF Signaling Pathway in Osteoblasts Directly Modulates Erythropoiesis through the Production of EPO. <i>Cell</i> , 2012, 149, 63-74.	28.9	244
25	Harnessing synthetic lethal interactions in anticancer drug discovery. <i>Nature Reviews Drug Discovery</i> , 2011, 10, 351-364.	46.4	236
26	A Molecule Targeting VHL-Deficient Renal Cell Carcinoma that Induces Autophagy. <i>Cancer Cell</i> , 2008, 14, 90-102.	16.8	233
27	Direct regulation of GAS6/AXL signaling by HIF promotes renal metastasis through SRC and MET. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 13373-13378.	7.1	232
28	Role of Prolyl Hydroxylation in Oncogenically Stabilized Hypoxia-inducible Factor-1 α . <i>Journal of Biological Chemistry</i> , 2002, 277, 40112-40117.	3.4	222
29	Coordinate Regulation of the Oxygen-Dependent Degradation Domains of Hypoxia-Inducible Factor 1 α . <i>Molecular and Cellular Biology</i> , 2005, 25, 6415-6426.	2.3	220
30	ATM Activation and Signaling under Hypoxic Conditions. <i>Molecular and Cellular Biology</i> , 2009, 29, 526-537.	2.3	210
31	Transient Changes in Oxygen Tension Inhibit Osteogenic Differentiation and Runx2 Expression in Osteoblasts. <i>Journal of Biological Chemistry</i> , 2004, 279, 40007-40016.	3.4	209
32	Induction of LIFR confers a dormancy phenotype in breast cancer cells disseminated to the bone marrow. <i>Nature Cell Biology</i> , 2016, 18, 1078-1089.	10.3	203
33	AXL Is an Essential Factor and Therapeutic Target for Metastatic Ovarian Cancer. <i>Cancer Research</i> , 2010, 70, 7570-7579.	0.9	194
34	Lysyl Oxidase Mediates Hypoxic Control of Metastasis: Figure 1.. <i>Cancer Research</i> , 2006, 66, 10238-10241.	0.9	188
35	Hif-1 α regulates differentiation of limb bud mesenchyme and joint development. <i>Journal of Cell Biology</i> , 2007, 177, 451-464.	5.2	181
36	The role of p53 in hypoxia-induced apoptosis. <i>Biochemical and Biophysical Research Communications</i> , 2005, 331, 718-725.	2.1	177

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37	Hypoxia-Induced Gene Expression Occurs Solely through the Action of Hypoxia-Inducible Factor 1 α (HIF-1 α): Role of Cytoplasmic Trapping of HIF-2 α . <i>Molecular and Cellular Biology</i> , 2003, 23, 4959-4971.	2.3	164
38	Mitochondrial copper depletion suppresses triple-negative breast cancer in mice. <i>Nature Biotechnology</i> , 2021, 39, 357-367.	17.5	163
39	Identification of osteopontin as a prognostic plasma marker for head and neck squamous cell carcinomas. <i>Clinical Cancer Research</i> , 2003, 9, 59-67.	7.0	162
40	Hypoxia: Signaling the Metastatic Cascade. <i>Trends in Cancer</i> , 2016, 2, 295-304.	7.4	155
41	Reprogramming the immunological microenvironment through radiation and targeting Axl. <i>Nature Communications</i> , 2016, 7, 13898.	12.8	150
42	HIF1 α delays premature senescence through the activation of MIF. <i>Genes and Development</i> , 2006, 20, 3366-3371.	5.9	145
43	State of the Science: An Update on Renal Cell Carcinoma. <i>Molecular Cancer Research</i> , 2012, 10, 859-880.	3.4	142
44	Suppression of PGC-1 α Is Critical for Reprogramming Oxidative Metabolism in Renal Cell Carcinoma. <i>Cell Reports</i> , 2015, 12, 116-127.	6.4	140
45	Dual roles of NRF2 in tumor prevention and progression: Possible implications in cancer treatment. <i>Free Radical Biology and Medicine</i> , 2015, 79, 292-299.	2.9	138
46	Connective Tissue Growth Factor-Specific Monoclonal Antibody Therapy Inhibits Pancreatic Tumor Growth and Metastasis. <i>Cancer Research</i> , 2006, 66, 5816-5827.	0.9	134
47	The Role of Tumor Cell-Derived Connective Tissue Growth Factor (CTGF/CCN2) in Pancreatic Tumor Growth. <i>Cancer Research</i> , 2009, 69, 775-784.	0.9	129
48	Adaptive Myogenesis under Hypoxia. <i>Molecular and Cellular Biology</i> , 2005, 25, 3040-3055.	2.3	128
49	Papaverine and its derivatives radiosensitize solid tumors by inhibiting mitochondrial metabolism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 10756-10761.	7.1	121
50	PHD Inhibition Mitigates and Protects Against Radiation-Induced Gastrointestinal Toxicity via HIF2. <i>Science Translational Medicine</i> , 2014, 6, 236ra64.	12.4	120
51	The Receptor Tyrosine Kinase AXL in Cancer Progression. <i>Cancers</i> , 2016, 8, 103.	3.7	120
52	Deletion of Vhlh in chondrocytes reduces cell proliferation and increases matrix deposition during growth plate development. <i>Development (Cambridge)</i> , 2004, 131, 2497-2508.	2.5	119
53	An engineered Axl 'decoy receptor' effectively silences the Gas6-Axl signaling axis. <i>Nature Chemical Biology</i> , 2014, 10, 977-983.	8.0	117
54	Hypoxic microenvironment within an embryo induces apoptosis and is essential for proper morphological development. <i>Teratology</i> , 1999, 60, 215-225.	1.6	107

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55	p21 Cip1 and p27 Kip1 Regulate Cell Cycle Reentry after Hypoxic Stress but Are Not Necessary for Hypoxia-Induced Arrest. <i>Molecular and Cellular Biology</i> , 2001, 21, 1196-1206.	2.3	102
56	The hypoxic tumor microenvironment and gene expression. <i>Seminars in Radiation Oncology</i> , 2004, 14, 207-214.	2.2	100
57	Inhibition of ATR Leads to Increased Sensitivity to Hypoxia/Reoxygenation. <i>Cancer Research</i> , 2004, 64, 6556-6562.	0.9	98
58	Epigenetic changes in tumor Fas levels determine immune escape and response to therapy. <i>Cancer Cell</i> , 2002, 2, 139-148.	16.8	96
59	VEGF-independent cell-autonomous functions of HIF-1 β regulating oxygen consumption in fetal cartilage are critical for chondrocyte survival. <i>Journal of Bone and Mineral Research</i> , 2012, 27, 596-609.	2.8	94
60	Galectin-1 α -driven T cell exclusion in the tumor endothelium promotes immunotherapy resistance. <i>Journal of Clinical Investigation</i> , 2019, 129, 5553-5567.	8.2	94
61	Targeting integrins with RGD-conjugated gold nanoparticles in radiotherapy decreases the invasive activity of breast cancer cells. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 5069-5085.	6.7	91
62	A liver Hif-2 β -Irs2 pathway sensitizes hepatic insulin signaling and is modulated by Vegf inhibition. <i>Nature Medicine</i> , 2013, 19, 1331-1337.	30.7	90
63	Short Hairpin RNA Interference Therapy for Ischemic Heart Disease. <i>Circulation</i> , 2008, 118, S226-33.	1.6	89
64	Hypoxia and Senescence: The Impact of Oxygenation on Tumor Suppression. <i>Molecular Cancer Research</i> , 2011, 9, 538-544.	3.4	89
65	Inhibition of the GAS6/AXL pathway augments the efficacy of chemotherapies. <i>Journal of Clinical Investigation</i> , 2016, 127, 183-198.	8.2	86
66	Loss of HIF-1 β in the Notochord Results in Cell Death and Complete Disappearance of the Nucleus Pulposus. <i>PLoS ONE</i> , 2014, 9, e110768.	2.5	83
67	VHL loss in renal cell carcinoma leads to up-regulation of CUB domain-containing protein 1 to stimulate PKC β -driven migration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 1931-1936.	7.1	80
68	The role of ATM and ATR in the cellular response to hypoxia and re-oxygenation. <i>DNA Repair</i> , 2004, 3, 1117-1122.	2.8	78
69	Oxygen-sensing PHDs regulate bone homeostasis through the modulation of osteoprotegerin. <i>Genes and Development</i> , 2015, 29, 817-831.	5.9	78
70	Comparison of hypoxia-induced replication arrest with hydroxyurea and aphidicolin-induced arrest. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2003, 532, 205-213.	1.0	76
71	A Central Role for Hypoxic Signaling in Cartilage, Bone, and Hematopoiesis. <i>Current Osteoporosis Reports</i> , 2011, 9, 46-52.	3.6	76
72	Joint single-cell DNA accessibility and protein epitope profiling reveals environmental regulation of epigenomic heterogeneity. <i>Nature Communications</i> , 2018, 9, 4590.	12.8	76

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73	Chromosomal radiosensitivity at intrachromosomal telomeric sites. <i>Genes Chromosomes and Cancer</i> , 1993, 8, 8-14.	2.8	75
74	Gastrointestinal Toxicities With Combined Antiangiogenic and Stereotactic Body Radiation Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015, 92, 568-576.	0.8	75
75	Hypoxia upregulates osteopontin expression in NIH-3T3 cells via a Ras-activated enhancer. <i>Oncogene</i> , 2005, 24, 6555-6563.	5.9	73
76	Validation of Lysyl Oxidase As a Prognostic Marker for Metastasis and Survival in Head and Neck Squamous Cell Carcinoma: Radiation Therapy Oncology Group Trial 90-03. <i>Journal of Clinical Oncology</i> , 2009, 27, 4281-4286.	1.6	72
77	Recruitment of Circulating Breast Cancer Cells Is Stimulated by Radiotherapy. <i>Cell Reports</i> , 2014, 8, 402-409.	6.4	65
78	Galectin-1 Mediates Radiation-Related Lymphopenia and Attenuates NSCLC Radiation Response. <i>Clinical Cancer Research</i> , 2014, 20, 5558-5569.	7.0	64
79	Distinct aerobic and hypoxic mechanisms of HIF-1 α regulation by CSN5. <i>Genes and Development</i> , 2004, 18, 739-744.	5.9	62
80	DNA Damage during Reoxygenation Elicits a Chk2-Dependent Checkpoint Response. <i>Molecular and Cellular Biology</i> , 2006, 26, 1598-1609.	2.3	61
81	Telomere shortening and metabolic compromise underlie dystrophic cardiomyopathy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 13120-13125.	7.1	60
82	Functional Analysis of p53 Binding under Differential Stresses. <i>Molecular and Cellular Biology</i> , 2006, 26, 7030-7045.	2.3	59
83	Molecular Pathways: Oncologic Pathways and Their Role in T-cell Exclusion and Immune Evasion—A New Role for the AXL Receptor Tyrosine Kinase. <i>Clinical Cancer Research</i> , 2017, 23, 2928-2933.	7.0	59
84	Prognostic and Predictive Significance of Plasma HGF and IL-8 in a Phase III Trial of Chemoradiation with or without Tirapazamine in Locoregionally Advanced Head and Neck Cancer. <i>Clinical Cancer Research</i> , 2012, 18, 1798-1807.	7.0	56
85	Hypoxia and Bone Metastatic Disease. <i>Current Osteoporosis Reports</i> , 2017, 15, 231-238.	3.6	56
86	The m ⁶ A RNA demethylase FTO is a HIF-independent synthetic lethal partner with the VHL tumor suppressor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 21441-21449.	7.1	56
87	4-Pyridylanilinothiazoles That Selectively Target von Hippel-Lindau Deficient Renal Cell Carcinoma Cells by Inducing Autophagic Cell Death. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 787-797.	6.4	55
88	Lack of HIF-2 α in limb bud mesenchyme causes a modest and transient delay of endochondral bone development. <i>Nature Medicine</i> , 2011, 17, 25-26.	30.7	53
89	Analysis of p53 Transactivation Domain Mutants Reveals Acad11 as a Metabolic Target Important for p53 Pro-Survival Function. <i>Cell Reports</i> , 2015, 10, 1096-1109.	6.4	53
90	BLIMP1 Induces Transient Metastatic Heterogeneity in Pancreatic Cancer. <i>Cancer Discovery</i> , 2017, 7, 1184-1199.	9.4	53

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91	Irradiation at Ultra-High (FLASH) Dose Rates Reduces Acute Normal Tissue Toxicity in the Mouse Gastrointestinal System. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 111, 1250-1261.	0.8	53
92	HIF targets in bone remodeling and metastatic disease. , 2015, 150, 169-177.		52
93	HILPDA Regulates Lipid Metabolism, Lipid Droplet Abundance, and Response to Microenvironmental Stress in Solid Tumors. <i>Molecular Cancer Research</i> , 2019, 17, 2089-2101.	3.4	51
94	Oxygen sensing and the DNA-damage response. <i>Current Opinion in Cell Biology</i> , 2007, 19, 680-684.	5.4	46
95	The HIF target MAFF promotes tumor invasion and metastasis through IL11 and STAT3 signaling. <i>Nature Communications</i> , 2021, 12, 4308.	12.8	45
96	Reducing radiation-induced gastrointestinal toxicity – the role of the PHD/HIF axis. <i>Journal of Clinical Investigation</i> , 2016, 126, 3708-3715.	8.2	44
97	Hypoxic induction of AKAP12 variant 2 shifts PKA-mediated protein phosphorylation to enhance migration and metastasis of melanoma cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 4441-4446.	7.1	43
98	Suppressing Mitochondrial Respiration Is Critical for Hypoxia Tolerance in the Fetal Growth Plate. <i>Developmental Cell</i> , 2019, 49, 748-763.e7.	7.0	41
99	S100A10 Is a Critical Mediator of GAS6/AXL-Induced Angiogenesis in Renal Cell Carcinoma. <i>Cancer Research</i> , 2019, 79, 5758-5768.	0.9	39
100	Hypoxia-inducible factor 2 β is a negative regulator of osteoblastogenesis and bone mass accrual. <i>Bone Research</i> , 2019, 7, 7.	11.4	39
101	Acetate supplementation restores chromatin accessibility and promotes tumor cell differentiation under hypoxia. <i>Cell Death and Disease</i> , 2020, 11, 102.	6.3	39
102	Targeting the Loss of the von Hippel-Lindau Tumor Suppressor Gene in Renal Cell Carcinoma Cells. <i>Cancer Research</i> , 2007, 67, 5896-5905.	0.9	36
103	Macrophages Promote Circulating Tumor Cell-Mediated Local Recurrence following Radiotherapy in Immunosuppressed Patients. <i>Cancer Research</i> , 2018, 78, 4241-4252.	0.9	36
104	Endothelial Hypoxia-Inducible Factor-2 β Is Required for the Maintenance of Airway Microvasculature. <i>Circulation</i> , 2019, 139, 502-517.	1.6	35
105	Neutralization of PD-L2 is Essential for Overcoming Immune Checkpoint Blockade Resistance in Ovarian Cancer. <i>Clinical Cancer Research</i> , 2021, 27, 4435-4448.	7.0	35
106	p53 mediates apoptosis induced by c-Myc activation in hypoxic or gamma irradiated fibroblasts. <i>Cell Death and Differentiation</i> , 1998, 5, 141-147.	11.2	33
107	Molecular Radiobiology: The State of the Art. <i>Journal of Clinical Oncology</i> , 2014, 32, 2871-2878.	1.6	33
108	Emerging Treatment Paradigms in Radiation Oncology. <i>Clinical Cancer Research</i> , 2015, 21, 3393-3401.	7.0	33

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109	The Apoptosis Repressor with a CARD Domain (ARC) Gene Is a Direct Hypoxia-Inducible Factor 1 Target Gene and Promotes Survival and Proliferation of VHL-Deficient Renal Cancer Cells. <i>Molecular and Cellular Biology</i> , 2014, 34, 739-751.	2.3	32
110	Generation of Stable Expression Mammalian Cell Lines Using Lentivirus. <i>Bio-protocol</i> , 2018, 8, .	0.4	32
111	Tumor Microenvironment and Cellular Stress. <i>Advances in Experimental Medicine and Biology</i> , 2014, 772, v-viii.	1.6	29
112	Loss of VHL in mesenchymal progenitors of the limb bud alters multiple steps of endochondral bone development. <i>Developmental Biology</i> , 2014, 393, 124-136.	2.0	29
113	Irradiation or temozolomide chemotherapy enhances anti-CD47 treatment of glioblastoma. <i>Innate Immunity</i> , 2020, 26, 130-137.	2.4	29
114	An activatable NIR fluorescent rosol for selectively imaging nitroreductase activity. <i>Sensors and Actuators B: Chemical</i> , 2020, 306, 127446.	7.8	28
115	Metabolic Alterations in Cancer and Their Potential as Therapeutic Targets. <i>American Society of Clinical Oncology Educational Book / ASCO American Society of Clinical Oncology Meeting</i> , 2017, 37, 825-832.	3.8	28
116	Role of Carcinoma-Associated Fibroblasts and Hypoxia in Tumor Progression. <i>Current Topics in Microbiology and Immunology</i> , 2010, 345, 31-45.	1.1	27
117	Identification of Doxorubicin as an Inhibitor of the IRE1 \pm -XBP1 Axis of the Unfolded Protein Response. <i>Scientific Reports</i> , 2016, 6, 33353.	3.3	27
118	KDM4B/JMJD2B is a p53 target gene that modulates the amplitude of p53 response after DNA damage. <i>Nucleic Acids Research</i> , 2017, 45, gkw1281.	14.5	27
119	Checking in on Hypoxia/Reoxygenation. <i>Cell Cycle</i> , 2006, 5, 1304-1307.	2.6	26
120	Metabolic Alterations in Cancer and Their Potential as Therapeutic Targets. <i>American Society of Clinical Oncology Educational Book / ASCO American Society of Clinical Oncology Meeting</i> , 2017, 37, 825-832.	3.8	25
121	HIF Gene Expression in Cancer Therapy. <i>Methods in Enzymology</i> , 2007, 435, 323-345.	1.0	24
122	Osteoblasts: a Novel Source of Erythropoietin. <i>Current Osteoporosis Reports</i> , 2014, 12, 428-432.	3.6	24
123	Acridine Derivatives as Inhibitors of the IRE1 \pm -XBP1 Pathway Are Cytotoxic to Human Multiple Myeloma. <i>Molecular Cancer Therapeutics</i> , 2016, 15, 2055-2065.	4.1	24
124	Epidermal or Dermal Specific Knockout of PHD-2 Enhances Wound Healing and Minimizes Ischemic Injury. <i>PLoS ONE</i> , 2014, 9, e93373.	2.5	24
125	Mechanism of heat shock Protein 72 induction in primary cultured astrocytes after oxygen-glucose deprivation. <i>Neurological Research</i> , 1996, 18, 64-72.	1.3	23
126	The roles of Chk 1 and Chk 2 in hypoxia and reoxygenation. <i>Cancer Letters</i> , 2006, 238, 161-167.	7.2	23

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127	Increased tissue stiffness triggers contractile dysfunction and telomere shortening in dystrophic cardiomyocytes. <i>Stem Cell Reports</i> , 2021, 16, 2169-2181.	4.8	23
128	Mutations in an Innate Immunity Pathway Are Associated with Poor Overall Survival Outcomes and Hypoxic Signaling in Cancer. <i>Cell Reports</i> , 2018, 25, 3721-3732.e6.	6.4	22
129	Evaluation of Salmon, Tuna, and Beef Freshness Using a Portable Spectrometer. <i>Sensors</i> , 2020, 20, 4299.	3.8	22
130	Lysosomal trafficking mediated by Arl8b and BORG promotes invasion of cancer cells that survive radiation. <i>Communications Biology</i> , 2020, 3, 620.	4.4	21
131	Eliminating hypoxic tumor cells improves response to PARP inhibitors in homologous recombination-deficient cancer models. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	20
132	Genetic Determinants That Influence Hypoxia-Induced Apoptosis. <i>Novartis Foundation Symposium</i> , 2008, 240, 115-132.	1.1	19
133	Analysis of restriction enzyme-induced chromosomal aberrations by fluorescence in situ hybridization. <i>Environmental and Molecular Mutagenesis</i> , 1993, 22, 26-33.	2.2	18
134	Mechanisms and consequences of ATMIN repression in hypoxic conditions: roles for p53 and HIF-1. <i>Scientific Reports</i> , 2016, 6, 21698.	3.3	18
135	Target-Mediated Drug Disposition Pharmacokinetic/Pharmacodynamic Model-Informed Dose Selection for the First-in-Human Study of AVB-500. <i>Clinical and Translational Science</i> , 2020, 13, 204-211.	3.1	17
136	Novel Aza-podophyllotoxin derivative induces oxidative phosphorylation and cell death via AMPK activation in triple-negative breast cancer. <i>British Journal of Cancer</i> , 2021, 124, 604-615.	6.4	16
137	Patterns of Vasculature in Mouse Models of Lung Cancer Are Dependent on Location. <i>Molecular Imaging and Biology</i> , 2017, 19, 215-224.	2.6	15
138	The tumour microenvironment links complement system dysregulation and hypoxic signalling. <i>British Journal of Radiology</i> , 2019, 92, 20180069.	2.2	10
139	Intracellular C4BPA Levels Regulate NF- κ B-Dependent Apoptosis. <i>IScience</i> , 2020, 23, 101594.	4.1	10
140	Dead cells don't form tumors: HIF-dependent cytotoxins. <i>Cell Cycle</i> , 2004, 3, 160-3.	2.6	10
141	Use of fluorescent in situ hybridization to detect chromosomal rearrangements in somatic cell hybrids. <i>Genes Chromosomes and Cancer</i> , 1990, 2, 248-251.	2.8	9
142	Fibrosis and Hypoxia-Inducible Factor-1-Dependent Tumors of the Soft Tissue on Loss of Von Hippel-Lindau in Mesenchymal Progenitors. <i>American Journal of Pathology</i> , 2015, 185, 3090-3101.	3.8	9
143	Lambda-Carrageenan Enhances the Effects of Radiation Therapy in Cancer Treatment by Suppressing Cancer Cell Invasion and Metastasis through Racgap1 Inhibition. <i>Cancers</i> , 2019, 11, 1192.	3.7	9
144	Induced Tumor Heterogeneity Reveals Factors Informing Radiation and Immunotherapy Combinations. <i>Clinical Cancer Research</i> , 2020, 26, 2972-2985.	7.0	9

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145	A <sc>NIR</sc> fluorescent smart probe for imaging tumor hypoxia. Cancer Reports, 2021, 4, e1384.	1.4	9
146	Multimomics Analysis of Spatially Distinct Stromal Cells Reveals Tumor-Induced O-Glycosylation of the CDK4/pRB Axis in Fibroblasts at the Invasive Tumor Edge. Cancer Research, 2022, 82, 648-664.	0.9	9
147	A Human Genome-Wide RNAi Screen Reveals Diverse Modulators that Mediate IRE1/XPB1 Activation. Molecular Cancer Research, 2018, 16, 745-753.	3.4	8
148	Rab27b contributes to radioresistance and exerts a paracrine effect via epiregulin in glioblastoma. Neuro-Oncology Advances, 2020, 2, vdaa091.	0.7	8
149	Hypoxia, Gene Expression, and Metastasis. , 2010, , 43-58.		8
150	Long-term expression changes of immune-related genes in prostate cancer after radiotherapy. Cancer Immunology, Immunotherapy, 2022, 71, 839-850.	4.2	7
151	Cancer Therapy and Tumor Physiology. Science, 1998, 279, 10e-15.	12.6	7
152	C3aR Signaling Inhibits NK-cell Infiltration into the Tumor Microenvironment in Mouse Models. Cancer Immunology Research, 2022, 10, 245-258.	3.4	7
153	Identifying novel targets in renal cell carcinoma: Design and synthesis of affinity chromatography reagents. Bioorganic and Medicinal Chemistry, 2014, 22, 711-720.	3.0	6
154	Wounds Inhibit Tumor Growth In Vivo. Annals of Surgery, 2021, 273, 173-180.	4.2	6
155	The Combination of Radiotherapy and Complement C3a Inhibition Potentiates Natural Killer cell Functions Against Pancreatic Cancer. Cancer Research Communications, 2022, 2, 725-738.	1.7	5
156	Blood and bones: Osteoblastic HIF signaling regulates erythropoiesis. Cell Cycle, 2012, 11, 2221-2222.	2.6	4
157	HIF-2: The Missing Link Between Obesity and Cardiomyopathy. Journal of the American Heart Association, 2013, 2, e000710.	3.7	4
158	Fiber finding algorithm using stepwise tracing to identify biopolymer fibers in noisy 3D images. Biophysical Journal, 2021, 120, 3860-3868.	0.5	4
159	The End of the Hypoxic EPOch. International Journal of Radiation Oncology Biology Physics, 2015, 91, 895-897.	0.8	3
160	A New Chromatin-Cytoskeleton Link in Cancer. Molecular Cancer Research, 2016, 14, 1173-1175.	3.4	3
161	Lipid droplet storage promotes murine pancreatic tumor growth. Oncology Reports, 2021, 45, .	2.6	3
162	Flow radiocytometry using droplet optofluidics. Biosensors and Bioelectronics, 2021, 194, 113565.	10.1	3

#	ARTICLE	IF	CITATIONS
163	A low-carb diet kills tumor cells with a mutant p53 tumor suppressor gene. <i>Cell Cycle</i> , 2013, 12, 718-719.	2.6	2
164	Isolation of Proteins on Nascent DNA in Hypoxia and Reoxygenation Conditions. <i>Advances in Experimental Medicine and Biology</i> , 2016, 899, 27-40.	1.6	2
165	Measuring the Impact of Microenvironmental Conditions on Mitochondrial Dehydrogenase Activity in Cultured Cells. <i>Advances in Experimental Medicine and Biology</i> , 2016, 899, 113-120.	1.6	2
166	Long-range hypoxia signaling in NAFLD. <i>Nature Medicine</i> , 2017, 23, 1251-1252.	30.7	2
167	Cellular Microenvironment and Metastases. , 2020, , 47-55.e3.		2
168	Hypoxia and Modulation of Cellular Radiation Response. , 2011, , 127-141.		2
169	Chemotherapeutic tumour targeting using clostridial spores. <i>FEMS Microbiology Reviews</i> , 1995, 17, 357-364.	8.6	2
170	Validated limited gene predictor for cervical cancer lymph node metastases. <i>Oncotarget</i> , 2020, 11, 2302-2309.	1.8	2
171	X-change symposium: status and future of modern radiation oncologyâ€”from technology to biology. <i>Radiation Oncology</i> , 2021, 16, 27.	2.7	1
172	Hypoxia, Angiogenesis, and Oral Cancer Metastasis. , 2009, , 299-321.		1
173	Small Molecules Targeting the VHL/Hypoxic Phenotype. <i>Cancer Drug Discovery and Development</i> , 2014, , 253-264.	0.4	1
174	The Role of Hypoxia in Radiation Response. , 2016, , 29-42.		1
175	Modulating the tumor microenvironment to enhance efficacy of PARP inhibitors.. <i>Journal of Clinical Oncology</i> , 2019, 37, e14715-e14715.	1.6	1
176	Hypoxia and Metastasis. , 2017, , 69-100.		0
177	Hypoxia Mediated Signaling Pathways. , 2010, , 2241-2245.		0
178	Dna Damage and Repair. , 2010, , 31-39.		0