Amato J Giaccia

List of Publications by Year
in descending order

178 papers	24,002 citations	9756 73 h-index	7496 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. Nature, 1996, 379, 88-91.	13.7	2,223
2	Pre-metastatic niches: organ-specific homes for metastases. Nature Reviews Cancer, 2017, 17, 302-317.	12.8	1,272
3	Lysyl oxidase is essential for hypoxia-induced metastasis. Nature, 2006, 440, 1222-1226.	13.7	1,231
4	Regulation of Hypoxia-Inducible Factor 1Î± Expression and Function by the Mammalian Target of Rapamycin. Molecular and Cellular Biology, 2002, 22, 7004-7014.	1.1	1,106
5	Hypoxia-Induced Lysyl Oxidase Is a Critical Mediator of Bone Marrow Cell Recruitment to Form the Premetastatic Niche. Cancer Cell, 2009, 15, 35-44.	7.7	1,056
6	Hypoxic control of metastasis. Science, 2016, 352, 175-180.	6.0	953
7	HIF-1 as a target for drug development. Nature Reviews Drug Discovery, 2003, 2, 803-811.	21.5	561
8	Hypoxia-Inducible mir-210 Regulates Normoxic Gene Expression Involved in Tumor Initiation. Molecular Cell, 2009, 35, 856-867.	4.5	549
9	Gene Expression Programs in Response to Hypoxia: Cell Type Specificity and Prognostic Significance in Human Cancers. PLoS Medicine, 2006, 3, e47.	3.9	536
10	Radiation oncology: a century of achievements. Nature Reviews Cancer, 2004, 4, 737-747.	12.8	498
11	Targeting GLUT1 and the Warburg Effect in Renal Cell Carcinoma by Chemical Synthetic Lethality. Science Translational Medicine, 2011, 3, 94ra70.	5.8	431
12	Inhibition of PPARÎ³2 Gene Expression by the HIF-1-Regulated Gene DEC1/Stra13. Developmental Cell, 2002, 2, 331-341.	3.1	419
13	MiR-210 â€" micromanager of the hypoxia pathway. Trends in Molecular Medicine, 2010, 16, 230-237.	3.5	343
14	The ever-expanding role of HIF in tumour and stromal biology. Nature Cell Biology, 2016, 18, 356-365.	4.6	337
15	Regulation of p53 by Hypoxia: Dissociation of Transcriptional Repression and Apoptosis from p53-Dependent Transactivation. Molecular and Cellular Biology, 2001, 21, 1297-1310.	1.1	326
16	Hypoxia, inflammation, and the tumor microenvironment in metastatic disease. Cancer and Metastasis Reviews, 2010, 29, 285-293.	2.7	321
17	Regulation of the Histone Demethylase JMJD1A by Hypoxia-Inducible Factor 1Î± Enhances Hypoxic Gene Expression and Tumor Growth. Molecular and Cellular Biology, 2010, 30, 344-353.	1.1	312
18	Multiple Factors Affecting Cellular Redox Status and Energy Metabolism Modulate Hypoxia-Inducible Factor Prolyl Hydroxylase Activity In Vivo and In Vitro. Molecular and Cellular Biology, 2007, 27, 912-925.	1.1	295

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19	Hypoxic gene expression and metastasis. Cancer and Metastasis Reviews, 2004, 23, 293-310.	2.7	287
20	Hypoxia Links ATR and p53 through Replication Arrest. Molecular and Cellular Biology, 2002, 22, 1834-1843.	1.1	283
21	Investigating hypoxic tumor physiology through gene expression patterns. Oncogene, 2003, 22, 5907-5914.	2.6	283
22	Hypoxia, gene expression, and metastasis. Cancer and Metastasis Reviews, 2007, 26, 333-339.	2.7	274
23	ATR/ATM Targets Are Phosphorylated by ATR in Response to Hypoxia and ATM in Response to Reoxygenation. Journal of Biological Chemistry, 2003, 278, 12207-12213.	1.6	250
24	The HIF Signaling Pathway in Osteoblasts Directly Modulates Erythropoiesis through the Production of EPO. Cell, 2012, 149, 63-74.	13.5	244
25	Harnessing synthetic lethal interactions in anticancer drug discovery. Nature Reviews Drug Discovery, 2011, 10, 351-364.	21.5	236
26	A Molecule Targeting VHL-Deficient Renal Cell Carcinoma that Induces Autophagy. Cancer Cell, 2008, 14, 90-102.	7.7	233
27	Direct regulation of GAS6/AXL signaling by HIF promotes renal metastasis through SRC and MET. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 13373-13378.	3.3	232
28	Role of Prolyl Hydroxylation in Oncogenically Stabilized Hypoxia-inducible Factor-1Î±. Journal of Biological Chemistry, 2002, 277, 40112-40117.	1.6	222
29	Coordinate Regulation of the Oxygen-Dependent Degradation Domains of Hypoxia-Inducible Factor 1Î±. Molecular and Cellular Biology, 2005, 25, 6415-6426.	1.1	220
30	ATM Activation and Signaling under Hypoxic Conditions. Molecular and Cellular Biology, 2009, 29, 526-537.	1.1	210
31	Transient Changes in Oxygen Tension Inhibit Osteogenic Differentiation and Runx2 Expression in Osteoblasts. Journal of Biological Chemistry, 2004, 279, 40007-40016.	1.6	209
32	Induction of LIFR confers a dormancy phenotype in breast cancer cells disseminated to the bone marrow. Nature Cell Biology, 2016, 18, 1078-1089.	4.6	203
33	AXL Is an Essential Factor and Therapeutic Target for Metastatic Ovarian Cancer. Cancer Research, 2010, 70, 7570-7579.	0.4	194
34	Lysyl Oxidase Mediates Hypoxic Control of Metastasis: Figure 1.. Cancer Research, 2006, 66, 10238-10241.	0.4	188
35	Hif-1Î± regulates differentiation of limb bud mesenchyme and joint development. Journal of Cell Biology, 2007, 177, 451-464.	2.3	181
36	The role of p53 in hypoxia-induced apoptosis. Biochemical and Biophysical Research Communications, 2005, 331, 718-725.	1.0	177

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37	Hypoxia-Induced Gene Expression Occurs Solely through the Action of Hypoxia-Inducible Factor 1Î± (HIF-1Î±): Role of Cytoplasmic Trapping of HIF-2Î±. Molecular and Cellular Biology, 2003, 23, 4959-4971.	1.1	164
38	Mitochondrial copper depletion suppresses triple-negative breast cancer in mice. Nature Biotechnology, 2021, 39, 357-367.	9.4	163
39	Identification of osteopontin as a prognostic plasma marker for head and neck squamous cell carcinomas. Clinical Cancer Research, 2003, 9, 59-67.	3.2	162
40	Hypoxia: Signaling the Metastatic Cascade. Trends in Cancer, 2016, 2, 295-304.	3.8	155
41	Reprogramming the immunological microenvironment through radiation and targeting Axl. Nature Communications, 2016, 7, 13898.	5.8	150
42	HIF1Â delays premature senescence through the activation of MIF. Genes and Development, 2006, 20, 3366-3371.	2.7	145
43	State of the Science: An Update on Renal Cell Carcinoma. Molecular Cancer Research, 2012, 10, 859-880.	1.5	142
44	Suppression of PGC-1Î± Is Critical for Reprogramming Oxidative Metabolism in Renal Cell Carcinoma. Cell Reports, 2015, 12, 116-127.	2.9	140
45	Dual roles of NRF2 in tumor prevention and progression: Possible implications in cancer treatment. Free Radical Biology and Medicine, 2015, 79, 292-299.	1.3	138
46	Connective Tissue Growth Factorâ€"Specific Monoclonal Antibody Therapy Inhibits Pancreatic Tumor Growth and Metastasis. Cancer Research, 2006, 66, 5816-5827.	0.4	134
47	The Role of Tumor Cellâ€"Derived Connective Tissue Growth Factor (CTGF/CCN2) in Pancreatic Tumor Growth. Cancer Research, 2009, 69, 775-784.	0.4	129
48	Adaptive Myogenesis under Hypoxia. Molecular and Cellular Biology, 2005, 25, 3040-3055.	1.1	128
49	Papaverine and its derivatives radiosensitize solid tumors by inhibiting mitochondrial metabolism. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 10756-10761.	3.3	121
50	PHD Inhibition Mitigates and Protects Against Radiation-Induced Gastrointestinal Toxicity via HIF2. Science Translational Medicine, 2014, 6, 236ra64.	5.8	120
51	The Receptor Tyrosine Kinase AXL in Cancer Progression. Cancers, 2016, 8, 103.	1.7	120
52	Deletion of Vhlh in chondrocytes reduces cell proliferation and increases matrix deposition during growth plate development. Development (Cambridge), 2004, 131, 2497-2508.	1.2	119
53	An engineered Axl 'decoy receptor' effectively silences the Gas6-Axl signaling axis. Nature Chemical Biology, 2014, 10, 977-983.	3.9	117
54	Hypoxic microenvironment within an embryo induces apoptosis and is essential for proper morphological development. Teratology, 1999, 60, 215-225.	1.8	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. Molecular and Cellular Biology, 2001, 21, 1196-1206.	1.1	102
56	The hypoxic tumor microenvironment and gene expression. Seminars in Radiation Oncology, 2004, 14, 207-214.	1.0	100
57	Inhibition of ATR Leads to Increased Sensitivity to Hypoxia/Reoxygenation. Cancer Research, 2004, 64, 6556-6562.	0.4	98
58	Epigenetic changes in tumor Fas levels determine immune escape and response to therapy. Cancer Cell, 2002, 2, 139-148.	7.7	96
59	VEGF-independent cell-autonomous functions of HIF-1Î± regulating oxygen consumption in fetal cartilage are critical for chondrocyte survival. Journal of Bone and Mineral Research, 2012, 27, 596-609.	3.1	94
60	Galectin-1â€"driven T cell exclusion in the tumor endothelium promotes immunotherapy resistance. Journal of Clinical Investigation, 2019, 129, 5553-5567.	3.9	94
61	Targeting integrins with RGD-conjugated gold nanoparticles in radiotherapy decreases the invasive activity of breast cancer cells. International Journal of Nanomedicine, 2017, Volume 12, 5069-5085.	3.3	91
62	A liver Hif-2Î±â€"Irs2 pathway sensitizes hepatic insulin signaling and is modulated by Vegf inhibition. Nature Medicine, 2013, 19, 1331-1337.	15.2	90
63	Short Hairpin RNA Interference Therapy for Ischemic Heart Disease. Circulation, 2008, 118, S226-33.	1.6	89
64	Hypoxia and Senescence: The Impact of Oxygenation on Tumor Suppression. Molecular Cancer Research, 2011, 9, 538-544.	1.5	89
65	Inhibition of the GAS6/AXL pathway augments the efficacy of chemotherapies. Journal of Clinical Investigation, 2016, 127, 183-198.	3.9	86
66	Loss of HIF-1Î± in the Notochord Results in Cell Death and Complete Disappearance of the Nucleus Pulposus. PLoS ONE, 2014, 9, e110768.	1.1	83
67	<i>VHL</i> loss in renal cell carcinoma leads to up-regulation of CUB domain-containing protein 1 to stimulate PKCÎ´-driven migration. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 1931-1936.	3.3	80
68	The role of ATM and ATR in the cellular response to hypoxia and re-oxygenation. DNA Repair, 2004, 3, 1117-1122.	1.3	78
69	Oxygen-sensing PHDs regulate bone homeostasis through the modulation of osteoprotegerin. Genes and Development, 2015, 29, 817-831.	2.7	78
70	Comparison of hypoxia-induced replication arrest with hydroxyurea and aphidicolin-induced arrest. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2003, 532, 205-213.	0.4	76
71	A Central Role for Hypoxic Signaling in Cartilage, Bone, and Hematopoiesis. Current Osteoporosis Reports, 2011, 9, 46-52.	1.5	76
72	Joint single-cell DNA accessibility and protein epitope profiling reveals environmental regulation of epigenomic heterogeneity. Nature Communications, 2018, 9, 4590.	5.8	76

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73	Chromosomal radiosensitivity at intrachromosomal telomeric sites. Genes Chromosomes and Cancer, 1993, 8, 8-14.	1.5	75
74	Gastrointestinal Toxicities With Combined Antiangiogenic and Stereotactic Body Radiation Therapy. International Journal of Radiation Oncology Biology Physics, 2015, 92, 568-576.	0.4	75
75	Hypoxia upregulates osteopontin expression in NIH-3T3 cells via a Ras-activated enhancer. Oncogene, 2005, 24, 6555-6563.	2.6	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. Journal of Clinical Oncology, 2009, 27, 4281-4286.	0.8	72
77	Recruitment of Circulating Breast Cancer Cells Is Stimulated by Radiotherapy. Cell Reports, 2014, 8, 402-409.	2.9	65
78	Galectin-1 Mediates Radiation-Related Lymphopenia and Attenuates NSCLC Radiation Response. Clinical Cancer Research, 2014, 20, 5558-5569.	3.2	64
79	Distinct aerobic and hypoxic mechanisms of HIF-Â regulation by CSN5. Genes and Development, 2004, 18, 739-744.	2.7	62
80	DNA Damage during Reoxygenation Elicits a Chk2-Dependent Checkpoint Response. Molecular and Cellular Biology, 2006, 26, 1598-1609.	1.1	61
81	Telomere shortening and metabolic compromise underlie dystrophic cardiomyopathy. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 13120-13125.	3.3	60
82	Functional Analysis of p53 Binding under Differential Stresses. Molecular and Cellular Biology, 2006, 26, 7030-7045.	1.1	59
83	Molecular Pathways: Oncologic Pathways and Their Role in T-cell Exclusion and Immune Evasionâ€"A New Role for the AXL Receptor Tyrosine Kinase. Clinical Cancer Research, 2017, 23, 2928-2933.	3.2	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. Clinical Cancer Research, 2012, 18, 1798-1807.	3.2	56
85	Hypoxia and Bone Metastatic Disease. Current Osteoporosis Reports, 2017, 15, 231-238.	1.5	56
86	The m ⁶ A RNA demethylase FTO is a HIF-independent synthetic lethal partner with the VHL tumor suppressor. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 21441-21449.	3.3	56
87	4-Pyridylanilinothiazoles That Selectively Target von Hippelâ€"Lindau Deficient Renal Cell Carcinoma Cells by Inducing Autophagic Cell Death. Journal of Medicinal Chemistry, 2010, 53, 787-797.	2.9	55
88	Lack of HIF-2Î± in limb bud mesenchyme causes a modest and transient delay of endochondral bone development. Nature Medicine, 2011, 17, 25-26.	15.2	53
89	Analysis of p53 Transactivation Domain Mutants Reveals Acad11 as a Metabolic Target Important for p53 Pro-Survival Function. Cell Reports, 2015, 10, 1096-1109.	2.9	53
90	BLIMP1 Induces Transient Metastatic Heterogeneity in Pancreatic Cancer. Cancer Discovery, 2017, 7, 1184-1199.	7.7	53

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91	Irradiation at Ultra-High (FLASH) Dose Rates Reduces Acute Normal Tissue Toxicity in the Mouse Gastrointestinal System. International Journal of Radiation Oncology Biology Physics, 2021, 111, 1250-1261.	0.4	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. Molecular Cancer Research, 2019, 17, 2089-2101.	1.5	51
94	Oxygen sensing and the DNA-damage response. Current Opinion in Cell Biology, 2007, 19, 680-684.	2.6	46
95	The HIF target MAFF promotes tumor invasion and metastasis through IL11 and STAT3 signaling. Nature Communications, 2021, 12, 4308.	5.8	45
96	Reducing radiation-induced gastrointestinal toxicity â€" the role of the PHD/HIF axis. Journal of Clinical Investigation, 2016, 126, 3708-3715.	3.9	44
97	Hypoxic induction of AKAP12 variant 2 shifts PKA-mediated protein phosphorylation to enhance migration and metastasis of melanoma cells. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 4441-4446.	3.3	43
98	Suppressing Mitochondrial Respiration Is Critical for Hypoxia Tolerance in the Fetal Growth Plate. Developmental Cell, 2019, 49, 748-763.e7.	3.1	41
99	S100A10 Is a Critical Mediator of GAS6/AXLâ€"Induced Angiogenesis in Renal Cell Carcinoma. Cancer Research, 2019, 79, 5758-5768.	0.4	39
100	Hypoxia-inducible factor 2Î± is a negative regulator of osteoblastogenesis and bone mass accrual. Bone Research, 2019, 7, 7.	5.4	39
101	Acetate supplementation restores chromatin accessibility and promotes tumor cell differentiation under hypoxia. Cell Death and Disease, 2020, 11, 102.	2.7	39
102	Targeting the Loss of the von Hippel-Lindau Tumor Suppressor Gene in Renal Cell Carcinoma Cells. Cancer Research, 2007, 67, 5896-5905.	0.4	36
103	Macrophages Promote Circulating Tumor Cellâ€"Mediated Local Recurrence following Radiotherapy in Immunosuppressed Patients. Cancer Research, 2018, 78, 4241-4252.	0.4	36
104	Endothelial Hypoxia-Inducible Factor-2Î± Is Required for the Maintenance of Airway Microvasculature. Circulation, 2019, 139, 502-517.	1.6	35
105	Neutralization of PD-L2 is Essential for Overcoming Immune Checkpoint Blockade Resistance in Ovarian Cancer. Clinical Cancer Research, 2021, 27, 4435-4448.	3.2	35
106	p53 mediates apoptosis induced by c-Myc activation in hypoxic or gamma irradiated fibroblasts. Cell Death and Differentiation, 1998, 5, 141-147.	5.0	33
107	Molecular Radiobiology: The State of the Art. Journal of Clinical Oncology, 2014, 32, 2871-2878.	0.8	33
108	Emerging Treatment Paradigms in Radiation Oncology. Clinical Cancer Research, 2015, 21, 3393-3401.	3.2	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. Molecular and Cellular Biology, 2014, 34, 739-751.	1.1	32
110	Generation of Stable Expression Mammalian Cell Lines Using Lentivirus. Bio-protocol, 2018, 8, .	0.2	32
111	Tumor Microenvironment and Cellular Stress. Advances in Experimental Medicine and Biology, 2014, 772, v-viii.	0.8	29
112	Loss of VHL in mesenchymal progenitors of the limb bud alters multiple steps of endochondral bone development. Developmental Biology, 2014, 393, 124-136.	0.9	29
113	Irradiation or temozolomide chemotherapy enhances anti-CD47 treatment of glioblastoma. Innate Immunity, 2020, 26, 130-137.	1.1	29
114	An activatable NIR fluorescent rosol for selectively imaging nitroreductase activity. Sensors and Actuators B: Chemical, 2020, 306, 127446.	4.0	28
115	Metabolic Alterations in Cancer and Their Potential as Therapeutic Targets. American Society of Clinical Oncology Educational Book / ASCO American Society of Clinical Oncology Meeting, 2017, 37, 825-832.	1.8	28
116	Role of Carcinoma-Associated Fibroblasts and Hypoxia in Tumor Progression. Current Topics in Microbiology and Immunology, 2010, 345, 31-45.	0.7	27
117	Identification of Doxorubicin as an Inhibitor of the IRE1Î±-XBP1 Axis of the Unfolded Protein Response. Scientific Reports, 2016, 6, 33353.	1.6	27
118	KDM4B/JMJD2B is a p53 target gene that modulates the amplitude of p53 response after DNA damage. Nucleic Acids Research, 2017, 45, gkw1281.	6.5	27
119	Checking in on Hypoxia/Reoxygenation. Cell Cycle, 2006, 5, 1304-1307.	1.3	26
120	Metabolic Alterations in Cancer and Their Potential as Therapeutic Targets. American Society of Clinical Oncology Educational Book / ASCO American Society of Clinical Oncology Meeting, 2017, 37, 825-832.	1.8	25
121	HIF Gene Expression in Cancer Therapy. Methods in Enzymology, 2007, 435, 323-345.	0.4	24
122	Osteoblasts: a Novel Source of Erythropoietin. Current Osteoporosis Reports, 2014, 12, 428-432.	1.5	24
123	Acridine Derivatives as Inhibitors of the IRE1Î±â€"XBP1 Pathway Are Cytotoxic to Human Multiple Myeloma. Molecular Cancer Therapeutics, 2016, 15, 2055-2065.	1.9	24
124	Epidermal or Dermal Specific Knockout of PHD-2 Enhances Wound Healing and Minimizes Ischemic Injury. PLoS ONE, 2014, 9, e93373.	1.1	24
125	Mechanism of heat shock Protein 72 induction in primary cultured astrocytes after oxygen-glucose deprivation. Neurological Research, 1996, 18, 64-72.	0.6	23
126	The roles of Chk 1 and Chk 2 in hypoxia and reoxygenation. Cancer Letters, 2006, 238, 161-167.	3.2	23

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127	Increased tissue stiffness triggers contractile dysfunction and telomere shortening in dystrophic cardiomyocytes. Stem Cell Reports, 2021, 16, 2169-2181.	2.3	23
128	Mutations in an Innate Immunity Pathway Are Associated with Poor Overall Survival Outcomes and Hypoxic Signaling in Cancer. Cell Reports, 2018, 25, 3721-3732.e6.	2.9	22
129	Evaluation of Salmon, Tuna, and Beef Freshness Using a Portable Spectrometer. Sensors, 2020, 20, 4299.	2.1	22
130	Lysosomal trafficking mediated by Arl8b and BORC promotes invasion of cancer cells that survive radiation. Communications Biology, 2020, 3, 620.	2.0	21
131	Eliminating hypoxic tumor cells improves response to PARP inhibitors in homologous recombinationâ€“deficient cancer models. Journal of Clinical Investigation, 2021, 131, .	3.9	20
132	Genetic Determinants That Influence Hypoxia-Induced Apoptosis. Novartis Foundation Symposium, 2008, 240, 115-132.	1.2	19
133	Analysis of restriction enzyme-induced chromosomal aberrations by fluorescence in situ hybridization. Environmental and Molecular Mutagenesis, 1993, 22, 26-33.	0.9	18
134	Mechanisms and consequences of ATMIN repression in hypoxic conditions: roles for p53 and HIF-1. Scientific Reports, 2016, 6, 21698.	1.6	18
135	Targetâ€Mediated Drug Disposition Pharmacokinetic/Pharmacodynamic Modelâ€Informed Dose Selection for the Firstâ€inâ€Human Study of AVBâ€S6â€500. Clinical and Translational Science, 2020, 13, 204-211.	1.5	17
136	Novel Aza-podophyllotoxin derivative induces oxidative phosphorylation and cell death via AMPK activation in triple-negative breast cancer. British Journal of Cancer, 2021, 124, 604-615.	2.9	16
137	Patterns of Vasculature in Mouse Models of Lung Cancer Are Dependent on Location. Molecular Imaging and Biology, 2017, 19, 215-224.	1.3	15
138	The tumour microenvironment links complement system dysregulation and hypoxic signallingï»¿. British Journal of Radiology, 2019, 92, 20180069.	1.0	10
139	Intracellular C4BPA Levels Regulate NF-ÎºB-Dependent Apoptosis. IScience, 2020, 23, 101594.	1.9	10
140	Dead cells don't form tumors: HIF-dependent cytotoxins. Cell Cycle, 2004, 3, 160-3.	1.3	10
141	Use of fluorescent in situ hybridization to detect chromosomal rearrangements in somatic cell hybrids. Genes Chromosomes and Cancer, 1990, 2, 248-251.	1.5	9
142	Fibrosis and Hypoxia-Inducible Factor-1Î±â€“Dependent Tumors of the Soft Tissue on Loss of Von Hippel-Lindau in Mesenchymal Progenitors. American Journal of Pathology, 2015, 185, 3090-3101.	1.9	9
143	Lambda-Carrageenan Enhances the Effects of Radiation Therapy in Cancer Treatment by Suppressing Cancer Cell Invasion and Metastasis through Racgap1 Inhibition. Cancers, 2019, 11, 1192.	1.7	9
144	Induced Tumor Heterogeneity Reveals Factors Informing Radiation and Immunotherapy Combinations. Clinical Cancer Research, 2020, 26, 2972-2985.	3.2	9

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145	A <scp>NIR</scp> fluorescent smart probe for imaging tumor hypoxia. Cancer Reports, 2021, 4, e1384.	0.6	9
146	Multiomics Analysis of Spatially Distinct Stromal Cells Reveals Tumor-Induced O-Glycosylation of the CDK4â€“pRB Axis in Fibroblasts at the Invasive Tumor Edge. Cancer Research, 2022, 82, 648-664.	0.4	9
147	A Human Genome-Wide RNAi Screen Reveals Diverse Modulators that Mediate IRE1Î±â€“XBP1 Activation. Molecular Cancer Research, 2018, 16, 745-753.	1.5	8
148	Rab27b contributes to radioresistance and exerts a paracrine effect via epiregulin in glioblastoma. Neuro-Oncology Advances, 2020, 2, vdaa091.	0.4	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.	2.0	7
151	Cancer Therapy and Tumor Physiology. Science, 1998, 279, 10e-15.	6.0	7
152	C3aR Signaling Inhibits NK-cell Infiltration into the Tumor Microenvironment in Mouse Models. Cancer Immunology Research, 2022, 10, 245-258.	1.6	7
153	Identifying novel targets in renal cell carcinoma: Design and synthesis of affinity chromatography reagents. Bioorganic and Medicinal Chemistry, 2014, 22, 711-720.	1.4	6
154	Wounds Inhibit Tumor Growth In Vivo. Annals of Surgery, 2021, 273, 173-180.	2.1	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.	0.7	5
156	Blood and bones: Osteoblastic HIF signaling regulates erythropoiesis. Cell Cycle, 2012, 11, 2221-2222.	1.3	4
157	HIFâ€2: The Missing Link Between Obesity and Cardiomyopathy. Journal of the American Heart Association, 2013, 2, e000710.	1.6	4
158	Fiber finding algorithm using stepwise tracing to identify biopolymer fibers in noisy 3D images. Biophysical Journal, 2021, 120, 3860-3868.	0.2	4
159	The End of the Hypoxic EPOch. International Journal of Radiation Oncology Biology Physics, 2015, 91, 895-897.	0.4	3
160	A New Chromatinâ€“Cytoskeleton Link in Cancer. Molecular Cancer Research, 2016, 14, 1173-1175.	1.5	3
161	Lipid droplet storage promotes murine pancreatic tumor growth. Oncology Reports, 2021, 45, .	1.2	3
162	Flow radiocytometry using droplet optofluidics. Biosensors and Bioelectronics, 2021, 194, 113565.	5.3	3

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163	A low-carb diet kills tumor cells with a mutant p53 tumor suppressor gene. Cell Cycle, 2013, 12, 718-719.	1.3	2
164	Isolation of Proteins on Nascent DNA in Hypoxia and Reoxygenation Conditions. Advances in Experimental Medicine and Biology, 2016, 899, 27-40.	0.8	2
165	Measuring the Impact of Microenvironmental Conditions on Mitochondrial Dehydrogenase Activity in Cultured Cells. Advances in Experimental Medicine and Biology, 2016, 899, 113-120.	0.8	2
166	Long-range hypoxia signaling in NAFLD. Nature Medicine, 2017, 23, 1251-1252.	15.2	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. FEMS Microbiology Reviews, 1995, 17, 357-364.	3.9	2
170	Validated limited gene predictor for cervical cancer lymph node metastases. Oncotarget, 2020, 11, 2302-2309.	0.8	2
171	X-change symposium: status and future of modern radiation oncologyâ€"from technology to biology. Radiation Oncology, 2021, 16, 27.	1.2	1
172	Hypoxia, Angiogenesis, and Oral Cancer Metastasis. , 2009, , 299-321.		1
173	Small Molecules Targeting the VHL/Hypoxic Phenotype. Cancer Drug Discovery and Development, 2014, , 253-264.	0.2	1
174	The Role of Hypoxia in Radiation Response. , 2016, , 29-42.		1
175	Modulating the tumor microenvironment to enhance efficacy of PARP inhibitors.. Journal of Clinical Oncology, 2019, 37, e14715-e14715.	0.8	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