

Massimiliano Mazzone

List of Publications by Citations

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143
papers

12,944
citations

52
h-index

113
g-index

156
ext. papers

15,448
ext. citations

15.4
avg, IF

6.19
L-index

#	Paper	IF	Citations
143	Hypoxia promotes invasive growth by transcriptional activation of the met protooncogene. <i>Cancer Cell</i> , 2003 , 3, 347-61	24.3	1111
142	Anti-PLGF inhibits growth of VEGF(R)-inhibitor-resistant tumors without affecting healthy vessels. <i>Cell</i> , 2007 , 131, 463-75	56.2	666
141	Heterozygous deficiency of PHD2 restores tumor oxygenation and inhibits metastasis via endothelial normalization. <i>Cell</i> , 2009 , 136, 839-851	56.2	642
140	HRG inhibits tumor growth and metastasis by inducing macrophage polarization and vessel normalization through downregulation of PLGF. <i>Cancer Cell</i> , 2011 , 19, 31-44	24.3	528
139	FLT1 and its ligands VEGFB and PLGF: drug targets for anti-angiogenic therapy?. <i>Nature Reviews Cancer</i> , 2008 , 8, 942-56	31.3	445
138	Eketoglutarate orchestrates macrophage activation through metabolic and epigenetic reprogramming. <i>Nature Immunology</i> , 2017 , 18, 985-994	19.1	394
137	Deficiency or inhibition of oxygen sensor Phd1 induces hypoxia tolerance by reprogramming basal metabolism. <i>Nature Genetics</i> , 2008 , 40, 170-80	36.3	383
136	Impeding macrophage entry into hypoxic tumor areas by Sema3A/Nrp1 signaling blockade inhibits angiogenesis and restores antitumor immunity. <i>Cancer Cell</i> , 2013 , 24, 695-709	24.3	373
135	Tumour hypoxia causes DNA hypermethylation by reducing TET activity. <i>Nature</i> , 2016 , 537, 63-68	50.4	354
134	Silencing or fueling metastasis with VEGF inhibitors: antiangiogenesis revisited. <i>Cancer Cell</i> , 2009 , 15, 167-70	24.3	329
133	Role and therapeutic potential of VEGF in the nervous system. <i>Physiological Reviews</i> , 2009 , 89, 607-48	47.9	319
132	Regulation of angiogenesis by oxygen and metabolism. <i>Developmental Cell</i> , 2009 , 16, 167-79	10.2	293
131	Tumor hypoxia does not drive differentiation of tumor-associated macrophages but rather fine-tunes the M2-like macrophage population. <i>Cancer Research</i> , 2014 , 74, 24-30	10.1	290
130	Targeting the tumor and its microenvironment by a dual-function decoy Met receptor. <i>Cancer Cell</i> , 2004 , 6, 61-73	24.3	261
129	The impact of hypoxia on tumor-associated macrophages. <i>Journal of Clinical Investigation</i> , 2016 , 126, 3672-3679	15.9	250
128	MET is required for the recruitment of anti-tumoural neutrophils. <i>Nature</i> , 2015 , 522, 349-53	50.4	245
127	Macrophage skewing by Phd2 haplodeficiency prevents ischaemia by inducing arteriogenesis. <i>Nature</i> , 2011 , 479, 122-6	50.4	237

126	Macrophage Metabolism Controls Tumor Blood Vessel Morphogenesis and Metastasis. <i>Cell Metabolism</i> , 2016 , 24, 701-715	24.6	234
125	Tanycytic VEGF-A boosts blood-hypothalamus barrier plasticity and access of metabolic signals to the arcuate nucleus in response to fasting. <i>Cell Metabolism</i> , 2013 , 17, 607-17	24.6	224
124	Further pharmacological and genetic evidence for the efficacy of PlGF inhibition in cancer and eye disease. <i>Cell</i> , 2010 , 141, 178-90	56.2	218
123	Antiangiogenic therapy, hypoxia, and metastasis: risky liaisons, or not?. <i>Nature Reviews Clinical Oncology</i> , 2011 , 8, 393-404	19.4	215
122	miR-511-3p modulates genetic programs of tumor-associated macrophages. <i>Cell Reports</i> , 2012 , 1, 141-54	10.6	162
121	Branching morphogenesis and antiangiogenesis candidates: tip cells lead the way. <i>Nature Reviews Clinical Oncology</i> , 2009 , 6, 315-26	19.4	159
120	VEGF pathway genetic variants as biomarkers of treatment outcome with bevacizumab: an analysis of data from the AVITA and AVOREN randomised trials. <i>Lancet Oncology</i> , 2012 , 13, 724-33	21.7	154
119	Pharmacologic or Genetic Targeting of Glutamine Synthetase Skews Macrophages toward an M1-like Phenotype and Inhibits Tumor Metastasis. <i>Cell Reports</i> , 2017 , 20, 1654-1666	10.6	153
118	The tumour microenvironment harbours ontogenically distinct dendritic cell populations with opposing effects on tumour immunity. <i>Nature Communications</i> , 2016 , 7, 13720	17.4	145
117	Reactive Neutrophil Responses Dependent on the Receptor Tyrosine Kinase c-MET Limit Cancer Immunotherapy. <i>Immunity</i> , 2017 , 47, 789-802.e9	32.3	142
116	Ab-induced ectodomain shedding mediates hepatocyte growth factor receptor down-regulation and hampers biological activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 5090-5	11.5	137
115	FXR agonist obeticholic acid reduces hepatic inflammation and fibrosis in a rat model of toxic cirrhosis. <i>Scientific Reports</i> , 2016 , 6, 33453	4.9	131
114	Sema3E-Plexin D1 signaling drives human cancer cell invasiveness and metastatic spreading in mice. <i>Journal of Clinical Investigation</i> , 2010 , 120, 2684-98	15.9	123
113	Inhibition of tumor angiogenesis and growth by a small-molecule multi-FGF receptor blocker with allosteric properties. <i>Cancer Cell</i> , 2013 , 23, 477-88	24.3	110
112	The Met pathway: master switch and drug target in cancer progression. <i>FASEB Journal</i> , 2006 , 20, 1611-21	10.9	110
111	Tumor matrix stiffness promotes metastatic cancer cell interaction with the endothelium. <i>EMBO Journal</i> , 2017 , 36, 2373-2389	13	103
110	Gene-targeting of Phd2 improves tumor response to chemotherapy and prevents side-toxicity. <i>Cancer Cell</i> , 2012 , 22, 263-77	24.3	101
109	Quiescent Endothelial Cells Upregulate Fatty Acid Oxidation for Vasculoprotection via Redox Homeostasis. <i>Cell Metabolism</i> , 2018 , 28, 881-894.e13	24.6	99

108	Role of delta-like-4/Notch in the formation and wiring of the lymphatic network in zebrafish. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010 , 30, 1695-702	9.4	98
107	Loss or silencing of the PHD1 prolyl hydroxylase protects livers of mice against ischemia/reperfusion injury. <i>Gastroenterology</i> , 2010 , 138, 1143-54.e1-2	13.3	98
106	An Integrated Gene Expression Landscape Profiling Approach to Identify Lung Tumor Endothelial Cell Heterogeneity and Angiogenic Candidates. <i>Cancer Cell</i> , 2020 , 37, 21-36.e13	24.3	93
105	Systemic and targeted delivery of semaphorin 3A inhibits tumor angiogenesis and progression in mouse tumor models. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011 , 31, 741-9	9.4	93
104	Immunity, Hypoxia, and Metabolism—the M ³ Age Trios of Cancer: Implications for Immunotherapy. <i>Physiological Reviews</i> , 2020 , 100, 1-102	47.9	84
103	Impairment of Angiogenesis by Fatty Acid Synthase Inhibition Involves mTOR Malonylation. <i>Cell Metabolism</i> , 2018 , 28, 866-880.e15	24.6	83
102	Semaphorin7A regulates neuroglial plasticity in the adult hypothalamic median eminence. <i>Nature Communications</i> , 2015 , 6, 6385	17.4	83
101	Growing tumor vessels: more than one way to skin a cat - implications for angiogenesis targeted cancer therapies. <i>Molecular Aspects of Medicine</i> , 2011 , 32, 71-87	16.7	79
100	The tumor suppressor semaphorin 3B triggers a prometastatic program mediated by interleukin 8 and the tumor microenvironment. <i>Journal of Experimental Medicine</i> , 2008 , 205, 1155-71	16.6	79
99	An uncleavable form of pro-scatter factor suppresses tumor growth and dissemination in mice. <i>Journal of Clinical Investigation</i> , 2004 , 114, 1418-32	15.9	79
98	The Fragile X Protein binds mRNAs involved in cancer progression and modulates metastasis formation. <i>EMBO Molecular Medicine</i> , 2014 , 6, 567-568	12	78
97	The fragile X protein binds mRNAs involved in cancer progression and modulates metastasis formation. <i>EMBO Molecular Medicine</i> , 2013 , 5, 1523-36	12	78
96	Tumour growth inhibition and anti-metastatic activity of a mutated furin-resistant Semaphorin 3E isoform. <i>EMBO Molecular Medicine</i> , 2012 , 4, 234-50	12	70
95	Podoplanin-Expressing Macrophages Promote Lymphangiogenesis and Lymphoinvasion in Breast Cancer. <i>Cell Metabolism</i> , 2019 , 30, 917-936.e10	24.6	67
94	Loss of the oxygen sensor PHD3 enhances the innate immune response to abdominal sepsis. <i>Journal of Immunology</i> , 2012 , 189, 1955-65	5.3	61
93	The mTOR and PP2A Pathways Regulate PHD2 Phosphorylation to Fine-Tune HIF1 α Levels and Colorectal Cancer Cell Survival under Hypoxia. <i>Cell Reports</i> , 2017 , 18, 1699-1712	10.6	60
92	The Cancer Cell Oxygen Sensor PHD2 Promotes Metastasis via Activation of Cancer-Associated Fibroblasts. <i>Cell Reports</i> , 2015 , 12, 992-1005	10.6	54
91	Secreted CLIC3 drives cancer progression through its glutathione-dependent oxidoreductase activity. <i>Nature Communications</i> , 2017 , 8, 14206	17.4	50

90	Tumour-educated circulating monocytes are powerful candidate biomarkers for diagnosis and disease follow-up of colorectal cancer. <i>Gut</i> , 2016 , 65, 990-1000	19.2	49
89	Prolyl hydroxylase 2 inactivation enhances glycogen storage and promotes excessive neutrophilic responses. <i>Journal of Clinical Investigation</i> , 2017 , 127, 3407-3420	15.9	48
88	Tumor-associated macrophages: a short compendium. <i>Cellular and Molecular Life Sciences</i> , 2019 , 76, 1447-1458	14.7	47
87	Overcoming resistance to antiangiogenic therapies. <i>Oncologist</i> , 2012 , 17, 1039-50	5.7	47
86	The reciprocal function and regulation of tumor vessels and immune cells offers new therapeutic opportunities in cancer. <i>Seminars in Cancer Biology</i> , 2018 , 52, 107-116	12.7	46
85	Hypoxia determines survival outcomes of bacterial infection through HIF-1alpha dependent re-programming of leukocyte metabolism. <i>Science Immunology</i> , 2017 , 2,	28	45
84	Hypoxic cancer-associated fibroblasts increase NCBP2-AS2/HIAR to promote endothelial sprouting through enhanced VEGF signaling. <i>Science Signaling</i> , 2019 , 12,	8.8	45
83	Metabolism and TAM functions-it takes two to tango. <i>FEBS Journal</i> , 2018 , 285, 700-716	5.7	43
82	The anti-proliferative effect of L-carnosine correlates with a decreased expression of hypoxia inducible factor 1 alpha in human colon cancer cells. <i>PLoS ONE</i> , 2014 , 9, e96755	3.7	43
81	Anti-placental growth factor reduces bone metastasis by blocking tumor cell engraftment and osteoclast differentiation. <i>Cancer Research</i> , 2010 , 70, 6537-47	10.1	43
80	Blockade of Glutamine Synthetase Enhances Inflammatory Response in Microglial Cells. <i>Antioxidants and Redox Signaling</i> , 2017 , 26, 351-363	8.4	42
79	Brain endothelial cells control fertility through ovarian-steroid-dependent release of semaphorin 3A. <i>PLoS Biology</i> , 2014 , 12, e1001808	9.7	42
78	Dynamic stroma reorganization drives blood vessel dysmorphia during glioma growth. <i>EMBO Molecular Medicine</i> , 2017 , 9, 1629-1645	12	40
77	Reprogramming of Amino Acid Transporters to Support Aspartate and Glutamate Dependency Sustains Endocrine Resistance in Breast Cancer. <i>Cell Reports</i> , 2019 , 28, 104-118.e8	10.6	40
76	Endothelial deficiency of L1 reduces tumor angiogenesis and promotes vessel normalization. <i>Journal of Clinical Investigation</i> , 2014 , 124, 4335-50	15.9	39
75	Macrophage-derived glutamine boosts satellite cells and muscle regeneration. <i>Nature</i> , 2020 , 587, 626-631	16.4	39
74	Loss of Caveolin-1 in Metastasis-Associated Macrophages Drives Lung Metastatic Growth through Increased Angiogenesis. <i>Cell Reports</i> , 2017 , 21, 2842-2854	10.6	36
73	Copy number load predicts outcome of metastatic colorectal cancer patients receiving bevacizumab combination therapy. <i>Nature Communications</i> , 2018 , 9, 4112	17.4	36

72	PHD1 regulates p53-mediated colorectal cancer chemoresistance. <i>EMBO Molecular Medicine</i> , 2015 , 7, 1350-65	12	35
71	PHD2 regulates arteriogenic macrophages through TIE2 signalling. <i>EMBO Molecular Medicine</i> , 2013 , 5, 843-57	12	35
70	Genetic targeting of the kinase activity of the Met receptor in cancer cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 11412-7	11.5	35
69	Activation of the VEGFC/VEGFR3 Pathway Induces Tumor Immune Escape in Colorectal Cancer. <i>Cancer Research</i> , 2019 , 79, 4196-4210	10.1	34
68	Identification of a chronic non-neurodegenerative microglia activation state in a mouse model of peroxisomal oxidation deficiency. <i>Glia</i> , 2015 , 63, 1606-20	9	34
67	Deficiency of the oxygen sensor prolyl hydroxylase 1 attenuates hypercholesterolaemia, atherosclerosis, and hyperglycaemia. <i>European Heart Journal</i> , 2016 , 37, 2993-2997	9.5	33
66	Nicotinamide Phosphoribosyltransferase Acts as a Metabolic Gate for Mobilization of Myeloid-Derived Suppressor Cells. <i>Cancer Research</i> , 2019 , 79, 1938-1951	10.1	33
65	"Active" cancer immunotherapy by anti-Met antibody gene transfer. <i>Cancer Research</i> , 2008 , 68, 9176-83	10.1	32
64	Impaired autonomic regulation of resistance arteries in mice with low vascular endothelial growth factor or upon vascular endothelial growth factor trap delivery. <i>Circulation</i> , 2010 , 122, 273-81	16.7	30
63	SLC25A26 overexpression impairs cell function via mtDNA hypermethylation and rewiring of methyl metabolism. <i>FEBS Journal</i> , 2017 , 284, 967-984	5.7	27
62	Genetic deficiency in plasma protein HRG enhances tumor growth and metastasis by exacerbating immune escape and vessel abnormalization. <i>Cancer Research</i> , 2012 , 72, 1953-63	10.1	27
61	Prognostic impact of a compartment-specific angiogenic marker profile in patients with pancreatic cancer. <i>Oncotarget</i> , 2014 , 5, 12978-89	3.3	27
60	Sunitinib but not VEGF blockade inhibits cancer stem cell endothelial differentiation. <i>Oncotarget</i> , 2015 , 6, 11295-309	3.3	27
59	The therapeutic potential of hepatocyte growth factor to sensitize ovarian cancer cells to cisplatin and paclitaxel in vivo. <i>Clinical Cancer Research</i> , 2007 , 13, 2191-8	12.9	25
58	Neutrophils Fuel Effective Immune Responses through Gluconeogenesis and Glycogenesis. <i>Cell Metabolism</i> , 2021 , 33, 411-423.e4	24.6	25
57	Role and therapeutic potential of dietary ketone bodies in lymph vessel growth. <i>Nature Metabolism</i> , 2019 , 1, 666-675	14.6	24
56	Regulation of Blood and Lymphatic Vessels by Immune Cells in Tumors and Metastasis. <i>Annual Review of Physiology</i> , 2019 , 81, 535-560	23.1	24
55	An HGF-MSP chimera disassociates the trophic properties of scatter factors from their pro-invasive activity. <i>Nature Biotechnology</i> , 2002 , 20, 488-95	44.5	22

54	Factor-inhibiting HIF-1 (FIH-1) is required for human vascular endothelial cell survival. <i>FASEB Journal</i> , 2015 , 29, 2814-27	0.9	21
53	Semaphorin signals on the road of endothelial tip cells. <i>Developmental Cell</i> , 2011 , 21, 189-90	10.2	20
52	Pro-tumorigenic functions of macrophages at the primary, invasive and metastatic tumor site. <i>Cancer Immunology, Immunotherapy</i> , 2020 , 69, 1673-1697	7.4	19
51	Phospholipase C gamma 1 (PLCG1) R707Q mutation is counterselected under targeted therapy in a patient with hepatic angiosarcoma. <i>Oncotarget</i> , 2015 , 6, 36418-25	3.3	19
50	PHD2 Targeting Overcomes Breast Cancer Cell Death upon Glucose Starvation in a PP2A/B55E Mediated Manner. <i>Cell Reports</i> , 2017 , 18, 2836-2844	10.6	18
49	Retinoid X receptor suppresses a metastasis-promoting transcriptional program in myeloid cells via a ligand-insensitive mechanism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 10725-10730	11.5	17
48	Renal CD133(+)/CD73(+) progenitors produce erythropoietin under hypoxia and prolyl hydroxylase inhibition. <i>Journal of the American Society of Nephrology: JASN</i> , 2013 , 24, 1234-41	12.7	17
47	MIF-Mediated Hemodilution Promotes Pathogenic Anemia in Experimental African Trypanosomiasis. <i>PLoS Pathogens</i> , 2016 , 12, e1005862	7.6	16
46	Leptin brain entry via a tanycytic LepR-EGFR shuttle controls lipid metabolism and pancreas function. <i>Nature Metabolism</i> , 2021 , 3, 1071-1090	14.6	16
45	Neutrophils enhance early <i>Trypanosoma brucei</i> infection onset. <i>Scientific Reports</i> , 2018 , 8, 11203	4.9	15
44	Functional MMP-10 is required for efficient tissue repair after experimental hind limb ischemia. <i>FASEB Journal</i> , 2015 , 29, 960-72	0.9	14
43	Metron factor-1 prevents liver injury without promoting tumor growth and metastasis. <i>Hepatology</i> , 2008 , 47, 2010-25	11.2	14
42	Histidine-rich glycoprotein uptake and turnover is mediated by mononuclear phagocytes. <i>PLoS ONE</i> , 2014 , 9, e107483	3.7	14
41	DNA methylation repels binding of hypoxia-inducible transcription factors to maintain tumor immunotolerance. <i>Genome Biology</i> , 2020 , 21, 182	18.3	13
40	Targeting Neuropilin-1 with Nanobodies Reduces Colorectal Carcinoma Development. <i>Cancers</i> , 2020 , 12,	6.6	11
39	MDM4 actively restrains cytoplasmic mTORC1 by sensing nutrient availability. <i>Molecular Cancer</i> , 2017 , 16, 55	42.1	10
38	B55E/PP2A Limits Endothelial Cell Apoptosis During Vascular Remodeling: A Complementary Approach To Disrupt Pathological Vessels?. <i>Circulation Research</i> , 2020 , 127, 707-723	15.7	10
37	IL1E Promotes Immune Suppression in the Tumor Microenvironment Independent of the Inflammasome and Gasdermin D. <i>Cancer Immunology Research</i> , 2021 , 9, 309-323	12.5	10

36	Caspase-8 modulates physiological and pathological angiogenesis during retina development. <i>Journal of Clinical Investigation</i> , 2019 , 129, 5092-5107	15.9	9
35	Altering the intratumoral localization of macrophages to inhibit cancer progression. <i>Oncot Immunology</i> , 2014 , 3, e27872	7.2	8
34	Glufosinate constrains synchronous and metachronous metastasis by promoting anti-tumor macrophages. <i>EMBO Molecular Medicine</i> , 2020 , 12, e11210	12	8
33	BNIP3 promotes HIF-1 β -driven melanoma growth by curbing intracellular iron homeostasis. <i>EMBO Journal</i> , 2021 , 40, e106214	13	8
32	Tumor vessel co-option probed by single-cell analysis. <i>Cell Reports</i> , 2021 , 35, 109253	10.6	8
31	Understanding Metal Dynamics Between Cancer Cells and Macrophages: Competition or Synergism?. <i>Frontiers in Oncology</i> , 2020 , 10, 646	5.3	7
30	Macrophage miR-210 induction and metabolic reprogramming in response to pathogen interaction boost life-threatening inflammation. <i>Science Advances</i> , 2021 , 7,	14.3	7
29	MicroRNA-Mediated Metabolic Shaping of the Tumor Microenvironment. <i>Cancers</i> , 2021 , 13,	6.6	7
28	How metabolism bridles cytotoxic CD8 T cells through epigenetic modifications. <i>Trends in Immunology</i> , 2021 , 42, 401-417	14.4	6
27	Neutrophilic HGF-MET signaling exacerbates intestinal inflammation. <i>Journal of Crohn's and Colitis</i> , 2020 ,	1.5	5
26	Blood Vessel Proximity Shapes Cancer Cell Metabolism. <i>Cell Metabolism</i> , 2019 , 30, 16-18	24.6	5
25	Repression of hypoxia-inducible factor-1 contributes to increased mitochondrial reactive oxygen species production in diabetes.. <i>ELife</i> , 2022 , 11,	8.9	5
24	Protein Phosphatase 2A Mediates YAP Activation in Endothelial Cells Upon VEGF Stimulation and Matrix Stiffness. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 675562	5.7	4
23	Impact of Immunometabolism on Cancer Metastasis: A Focus on T Cells and Macrophages. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2020 , 10,	5.4	3
22	Vessel Normalization in the Spot-LIGHT of Cancer Treatment. <i>Trends in Molecular Medicine</i> , 2016 , 22, 85-87	11.5	3
21	PYCR1-dependent proline synthesis in cancer-associated fibroblasts is required for the deposition of pro-tumorigenic extracellular matrix		3
20	Sixty shades of oxygen-an attractive opportunity for cancer immunotherapy. <i>Annals of Translational Medicine</i> , 2015 , 3, 187	3.2	2
19	DNA Methylation Repels Binding of HIF Transcription Factors to Maintain Tumour Immunotolerance		2

18	N-acetylaspartate release by glutaminolytic ovarian cancer cells sustains protumoral macrophages. <i>EMBO Reports</i> , 2021 , 22, e51981	6.5	2
17	Betulinic Acid Hydroxamate is Neuroprotective and Induces Protein Phosphatase 2A-Dependent HIF-1 β Stabilization and Post-transcriptional Dephosphorylation of Prolyl Hydrolase 2. <i>Neurotherapeutics</i> , 2021 , 18, 1849-1861	6.4	2
16	Iron supplementation is sufficient to rescue skeletal muscle mass and function in cancer cachexia.. <i>EMBO Reports</i> , 2022 , e53746	6.5	2
15	Is There Merit for MET-Targeted Therapies in Gastroesophageal Cancer?. <i>JAMA Oncology</i> , 2018 , 4, 131-132	3.4	1
14	Oncogenic p95HER2/611CTF primes human breast epithelial cells for metabolic stress-induced down-regulation of FLIP and activation of TRAIL-R/Caspase-8-dependent apoptosis. <i>Oncotarget</i> , 2017 , 8, 93688-93703	3.3	1
13	PlexinA4 mediates cytotoxic T cell trafficking and exclusion in cancer. <i>Cancer Immunology Research</i> , 2021 ,	12.5	1
12	Immune response triggered by a novel molecular crosstalk of major hallmarks of cancer: Angiogenesis, mismatch repair, and immune pathways.. <i>Journal of Clinical Oncology</i> , 2015 , 33, 11054-11054	2.2	1
11	Hypoxia-induced miR-210 modulates the inflammatory response and fibrosis upon acute ischemia. <i>Cell Death and Disease</i> , 2021 , 12, 435	9.8	1
10	ESDN inhibits melanoma progression by blocking E-selectin expression in endothelial cells via STAT3. <i>Cancer Letters</i> , 2021 , 510, 13-23	9.9	1
9	Metabolic traits ruling the specificity of the immune response in different cancer types. <i>Current Opinion in Biotechnology</i> , 2021 , 68, 124-143	11.4	1
8	Differential Effects of Trp53 Alterations in Murine Colorectal Cancer. <i>Cancers</i> , 2021 , 13,	6.6	1
7	The "cord of life" serving antiangiogenic therapy. <i>Blood</i> , 2013 , 121, 4254-5	2.2	
6	The c-MET receptor tyrosine kinase contributes to neutrophil-driven pathology in cutaneous leishmaniasis.. <i>PLoS Pathogens</i> , 2022 , 18, e1010247	7.6	
5	Hypoxia Inducible Factor Activation Prevents Renal Mitochondria Dysfunction and Improves Cortical Oxygenation in Type 1 Diabetic Mice. <i>FASEB Journal</i> , 2019 , 33, lb591	0.9	
4	Oxygen Signaling in Physiological and Pathological Angiogenesis 2015 , 329-349		
3	Prolyl hydroxylase domain 1 (PHD1) to mediate chemoresistance in colorectal cancer.. <i>Journal of Clinical Oncology</i> , 2015 , 33, e14534-e14534	2.2	
2	Endothelial Cell Reactions to Oxygen: Implications for Cancer 2014 , 267-282		
1	Isolation and separation of murine tumor-associated macrophages (TAMs) subpopulations from orthotopic 4T1 breast tumors. <i>STAR Protocols</i> , 2021 , 2, 100481	1.4	

