Carine Michiels

List of Publications by Year
in descending order

144 papers	21,240 citations	30047 54 h-index	9579 142 g-index
146 all docs	146 docs citations	146 times ranked	38263 citing authors

#	Article	IF	Citations
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	4.3	4,701
2	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	4.3	3,122
3	Importance of SE-glutathione peroxidase, catalase, and CU/ZN-SOD for cell survival against oxidative stress. Free Radical Biology and Medicine, 1994, 17, 235-248.	1.3	996
4	M1 and M2 macrophages derived from THP-1 cells differentially modulate the response of cancer cells to etoposide. BMC Cancer, 2015, 15, 577.	1.1	641
5	Lactate Influx through the Endothelial Cell Monocarboxylate Transporter MCT1 Supports an NF-Î°B/IL-8 Pathway that Drives Tumor Angiogenesis. Cancer Research, 2011, 71, 2550-2560.	0.4	637
6	Glutathione peroxidase, superoxide dismutase, and catalase inactivation by peroxides and oxygen derived free radicals. Mechanisms of Ageing and Development, 1990, 51, 283-297.	2.2	635
7	Endothelial cell functions. Journal of Cellular Physiology, 2003, 196, 430-443.	2.0	585
8	Reactive Oxygen Species Activate the HIF-1Î± Promoter Via a Functional NFÎ°B Site. Arteriosclerosis, Thrombosis, and Vascular Biology, 2007, 27, 755-761.	1.1	565
9	A Mitochondrial Switch Promotes Tumor Metastasis. Cell Reports, 2014, 8, 754-766.	2.9	478
10	Physiological and Pathological Responses to Hypoxia. American Journal of Pathology, 2004, 164, 1875-1882.	1.9	435
11	Targeting the Lactate Transporter MCT1 in Endothelial Cells Inhibits Lactate-Induced HIF-1 Activation and Tumor Angiogenesis. PLoS ONE, 2012, 7, e33418.	1.1	412
12	Molecular aspects of cancer cell resistance to chemotherapy. Biochemical Pharmacology, 2013, 85, 1219-1226.	2.0	333
13	Tumour Hypoxia Affects the Responsiveness of Cancer Cells to Chemotherapy and Promotes Cancer Progression. Anti-Cancer Agents in Medicinal Chemistry, 2008, 8, 790-797.	0.9	297
14	Reprogramming of Tumor-Associated Macrophages with Anticancer Therapies: Radiotherapy versus Chemo- and Immunotherapies. Frontiers in Immunology, 2017, 8, 828.	2.2	295
15	Regulation of Hypoxia-inducible Factor-1Î± Protein Level during Hypoxic Conditions by the Phosphatidylinositol 3-Kinase/Akt/Glycogen Synthase Kinase 3Î² Pathway in HepG2 Cells. Journal of Biological Chemistry, 2003, 278, 31277-31285.	1.6	281
16	Is HIF-1Î± a pro- or an anti-apoptotic protein?. Biochemical Pharmacology, 2002, 64, 889-892.	2.0	236
17	CoCl₂, a Chemical Inducer of Hypoxiaâ€Inducible Factorâ€1, and Hypoxia Reduce Apoptotic Cell Death in Hepatoma Cell Line HepG2. Annals of the New York Academy of Sciences, 2002, 973, 443-447.	1.8	233
18	Glycogen Synthase Kinase 3 Phosphorylates Hypoxia-Inducible Factor 1Î± and Mediates Its Destabilization in a VHL-Independent Manner. Molecular and Cellular Biology, 2007, 27, 3253-3265.	1.1	221

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19	Adenovirus-Mediated Gene Transfer of Human Platelet-Activating Factorâ€"Acetylhydrolase Prevents Injury-Induced Neointima Formation and Reduces Spontaneous Atherosclerosis in Apolipoprotein Eâ€"Deficient Mice. Circulation, 2001, 103, 2495-2500.	1.6	197
20	TGFÎ²2-induced formation of lipid droplets supports acidosis-driven EMT and the metastatic spreading of cancer cells. Nature Communications, 2020, 11, 454.	5.8	184
21	Regulation of gene expression by oxygen: NF-ÎºB and HIF-1, two extremes. Free Radical Biology and Medicine, 2002, 33, 1231-1242.	1.3	175
22	Preconditioning of the Tumor Vasculature and Tumor Cells by Intermittent Hypoxia: Implications for Anticancer Therapies. Cancer Research, 2006, 66, 11736-11744.	0.4	175
23	Endothelial von Willebrand factor recruits platelets to atherosclerosis-prone sites in response to hypercholesterolemia. Blood, 2002, 99, 4486-4493.	0.6	162
24	Lactate Dehydrogenase B Controls Lysosome Activity and Autophagy in Cancer. Cancer Cell, 2016, 30, 418-431.	7.7	160
25	Autophagy as a mediator of chemotherapy-induced cell death in cancer. Biochemical Pharmacology, 2011, 82, 427-434.	2.0	154
26	Cycling hypoxia: A key feature of the tumor microenvironment. Biochimica Et Biophysica Acta: Reviews on Cancer, 2016, 1866, 76-86.	3.3	150
27	Comparative study of the enzymatic defense systems against oxygen-derived free radicals: The key role of glutathione peroxidase. Free Radical Biology and Medicine, 1987, 3, 3-7.	1.3	144
28	TMEM Proteins in Cancer: A Review. Frontiers in Pharmacology, 2018, 9, 1345.	1.6	135
29	Effect of hypoxia upon intracellular calcium concentration of human endothelial cells. Journal of Cellular Physiology, 1992, 152, 215-221.	2.0	133
30	Anti-cancer activities of pH- or heat-modified pectin. Frontiers in Pharmacology, 2013, 4, 128.	1.6	133
31	HDLassociated PAFâ€AH reduces endothelial adhesiveness in apoE â^'/â^' mice. FASEB Journal, 2000, 14, 2032-2039.	0.2	131
32	Role of ERK and calcium in the hypoxia-induced activation of HIF-1. Journal of Cellular Physiology, 2003, 194, 30-44.	2.0	122
33	Protection of hypoxia-induced ATP decrease in endothelial cells by ginkgo beloba extract and bilobalide. Biochemical Pharmacology, 1995, 50, 991-999.	2.0	118
34	Hypoxia-inducible Factor-1-dependent Overexpression of Myeloid Cell Factor-1 Protects Hypoxic Cells against tert-Butyl Hydroperoxide-induced Apoptosis. Journal of Biological Chemistry, 2005, 280, 9336-9344.	1.6	114
35	Gold Nanoparticles as a Potent Radiosensitizer: A Transdisciplinary Approach from Physics to Patient. Cancers, 2020, 12, 2021.	1.7	103
36	Activation of the Oxidative Stress Pathway by HIV-1 Vpr Leads to Induction of Hypoxia-inducible Factor 1Î± Expression. Journal of Biological Chemistry, 2009, 284, 11364-11373.	1.6	100

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37	Use of the inhibition of enzymatic antioxidant systems in order to evaluate their physiological importance. FEBS Journal, 1988, 177, 435-441.	0.2	95
38	Role for casein kinase 2 in the regulation of HIF-1 activity. International Journal of Cancer, 2005, 117, 764-774.	2.3	91
39	Anti-apoptotic role of HIF-1 and AP-1 in paclitaxel exposed breast cancer cells under hypoxia. Molecular Cancer, 2010, 9, 191.	7.9	90
40	Intermittent hypoxia is an angiogenic inducer for endothelial cells: role of HIF-1. Angiogenesis, 2009, 12, 47-67.	3.7	86
41	Hypoxia and CoCl2 protect HepG2 cells against serum deprivation- and t-BHP-induced apoptosis: a possible anti-apoptotic role for HIF-1. Experimental Cell Research, 2004, 295, 340-349.	1.2	85
42	Antibodyâ€functionalized nanoparticles for imaging cancer: influence of conjugation to gold nanoparticles on the biodistribution of ⁸⁹Zrâ€labeled cetuximab in mice. Contrast Media and Molecular Imaging, 2013, 8, 402-408.	0.4	84
43	TMEM45A is essential for hypoxia-induced chemoresistance in breast and liver cancer cells. BMC Cancer, 2012, 12, 391.	1.1	80
44	Hypoxia Stimulates Human Endothelial Cells to Release Smooth Muscle Cell Mitogens: Role of Prostaglandins and bFGF. Experimental Cell Research, 1994, 213, 43-54.	1.2	76
45	Protection of mitochondrial respiration activity by bilobalide. Biochemical Pharmacology, 1999, 58, 109-119.	2.0	72
46	The Role of Hypoxia-Inducible Factor 1Î± in Determining the Properties of Castrate-Resistant Prostate Cancers. PLoS ONE, 2013, 8, e54251.	1.1	70
47	Hypoxia induces protection against etoposide-induced apoptosis: molecular profiling of changes in gene expression and transcription factor activity. Molecular Cancer, 2008, 7, 27.	7.9	69
48	Human umbilical vein endothelial cells submitted to hypoxia-reoxygenation in vitro: Implication of free radicals, xanthine oxidase, and energy deficiency. Journal of Cellular Physiology, 1992, 153, 53-61.	2.0	67
49	Transmembrane (TMEM) protein family members: Poorly characterized even if essential for the metastatic process. Seminars in Cancer Biology, 2020, 60, 96-106.	4.3	67
50	Mitochondria permeability transition-dependent tert-butyl hydroperoxide-induced apoptosis in hepatoma HepG2 cells. Biochemical Pharmacology, 2004, 67, 611-620.	2.0	63
51	Intermittent hypoxia changes HIF-1Î± phosphorylation pattern in endothelial cells: Unravelling of a new PKA-dependent regulation of HIF-1Î±. Biochimica Et Biophysica Acta - Molecular Cell Research, 2007, 1773, 1558-1571.	1.9	61
52	Increase in Circulating Endothelial Cells in Patients with Primary Chronic Venous Insufficiency: Protective Effect of Ginkor Fort in a Randomized Double-Blind, Placebo-Controlled Clinical Trial. Journal of Cardiovascular Pharmacology, 1999, 33, 7-11.	0.8	60
53	Functionalized Feâ€Filled Multiwalled Carbon Nanotubes as Multifunctional Scaffolds for Magnetization of Cancer Cells. Advanced Functional Materials, 2013, 23, 3173-3184.	7.8	58
54	Proton irradiation orchestrates macrophage reprogramming through NFÎºB signaling. Cell Death and Disease, 2018, 9, 728.	2.7	58

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55	Hypoxia-Induced Modulation of Apoptosis and BCL-2 Family Proteins in Different Cancer Cell Types. PLoS ONE, 2012, 7, e47519.	1.1	57
56	Casein kinase 2 inhibition decreases hypoxia-inducible factor-1 activity under hypoxia through elevated p53 protein level. Journal of Cell Science, 2006, 119, 3351-3362.	1.2	56
57	Taxol-induced unfolded protein response activation in breast cancer cells exposed to hypoxia: ATF4 activation regulates autophagy and inhibits apoptosis. International Journal of Biochemistry and Cell Biology, 2015, 62, 1-14.	1.2	56
58	Hypoxia-Induced Activation of Endothelial Cells as a Possible Cause of Venous Diseases: Hypothesis. Angiology, 1993, 44, 639-646.	0.8	55
59	Hypoxia protects HepG2 cells against etoposide-induced apoptosis VIA a HIF-1-independent pathway. Experimental Cell Research, 2006, 312, 2908-2920.	1.2	54
60	Comparative study of oxygen toxicity in human fibroblasts and endothelial cells. Journal of Cellular Physiology, 1990, 144, 295-302.	2.0	52
61	Dual effect of echinomycin on hypoxiaâ€inducible factorâ€1 activity under normoxic and hypoxic conditions. FEBS Journal, 2007, 274, 5533-5542.	2.2	52
62	miRNA-196b inhibits cell proliferation and induces apoptosis in HepG2 cells by targeting IGF2BP1. Molecular Cancer, 2015, 14, 79.	7.9	52
63	ERK and Calcium in Activation of HIFâ€1. Annals of the New York Academy of Sciences, 2002, 973, 448-453.	1.8	51
64	Antibody-functionalized polymer-coated gold nanoparticles targeting cancer cells: an in vitro and in vivo study. Journal of Materials Chemistry, 2012, 22, 21305.	6.7	51
65	LET-dependent radiosensitization effects of gold nanoparticles for proton irradiation. Nanotechnology, 2016, 27, 455101.	1.3	50
66	Protection by bilobalide of the ischaemiaâ€induced alterations of the mitochondrial respiratory activity. Fundamental and Clinical Pharmacology, 2000, 14, 193-201.	1.0	49
67	Cytotoxicity of linoleic acid peroxide, malondialdehyde and 4-hydroxynonenal towards human fibroblasts. Toxicology, 1991, 66, 225-234.	2.0	48
68	Up-regulation of 94-kDa glucose-regulated protein by hypoxia-inducible factor-1 in human endothelial cells in response to hypoxia. FEBS Letters, 2005, 579, 105-114.	1.3	46
69	Heat-Modified Citrus Pectin Induces Apoptosis-Like Cell Death and Autophagy in HepG2 and A549 Cancer Cells. PLoS ONE, 2015, 10, e0115831.	1.1	46
70	Cellular aging and the importance of energetic factors. Experimental Gerontology, 1995, 30, 1-22.	1.2	45
71	PGF2Î±, a Prostanoid Released by Endothelial Cells Activated by Hypoxia, Is a Chemoattractant Candidate for Neutrophil Recruitment. American Journal of Pathology, 2001, 159, 345-357.	1.9	44
72	Antibody immobilization on gold nanoparticles coated layer-by-layer with polyelectrolytes. Journal of Nanoparticle Research, 2011, 13, 1573-1580.	0.8	42

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73	Antibody-functionalized gold nanoparticles as tumor-targeting radiosensitizers for proton therapy. Nanomedicine, 2019, 14, 317-333.	1.7	42
74	Cycling hypoxia promotes a pro-inflammatory phenotype in macrophages via JNK/p65 signaling pathway. Scientific Reports, 2020, 10, 882.	1.6	41
75	Local Mitochondrial-Endolysosomal Microfusion Cleaves Voltage-Dependent Anion Channel 1 To Promote Survival in Hypoxia. Molecular and Cellular Biology, 2015, 35, 1491-1505.	1.1	40
76	The role of thioredoxin reductase in gold nanoparticle radiosensitization effects. Nanomedicine, 2018, 13, 2917-2937.	1.7	40
77	A p38MAPK/HIF-1 Pathway Initiated by UVB Irradiation Is Required to Induce Noxa and Apoptosis of Human Keratinocytes. Journal of Investigative Dermatology, 2010, 130, 2269-2276.	0.3	39
78	Hypoxia-Induced Decrease in p53 Protein Level and Increase in c-jun DNA Binding Activity Results in Cancer Cell Resistance to Etoposide. Neoplasia, 2009, 11, 976-IN3.	2.3	38
79	Kinases as Upstream Regulators of the HIF System: Their Emerging Potential as Anti-Cancer Drug Targets. Current Pharmaceutical Design, 2009, 15, 3867-3877.	0.9	35
80	Gold nanoparticles affect the antioxidant status in selected normal human cells . International Journal of Nanomedicine, 2019, Volume 14, 4991-5015.	3.3	35
81	Identification of the phospholipase A2 isoforms that contribute to arachidonic acid release in hypoxic endothelial cells: limits of phospholipase A2 inhibitors. Biochemical Pharmacology, 2002, 63, 321-332.	2.0	33
82	⁸⁹Zr-labeled anti-endoglin antibody-targeted gold nanoparticles for imaging cancer: implications for future cancer therapy. Nanomedicine, 2014, 9, 1923-1937.	1.7	33
83	Low-LET Proton Irradiation of A549 Non-small Cell Lung Adenocarcinoma Cells: Dose Response and RBE Determination. Radiation Research, 2013, 179, 273-281.	0.7	32
84	Cycling Hypoxia Induces a Specific Amplified Inflammatory Phenotype in Endothelial Cells and Enhances Tumor-Promoting Inflammation In Vivo. Neoplasia, 2015, 17, 66-78.	2.3	32
85	High <scp>TMEM</scp>45A expression is correlated to epidermal keratinization. Experimental Dermatology, 2014, 23, 339-344.	1.4	31
86	Thioredoxin Reductase Activity Predicts Gold Nanoparticle Radiosensitization Effect. Nanomaterials, 2019, 9, 295.	1.9	29
87	Hypoxia regulates inflammatory gene expression in endothelial cells. Experimental Cell Research, 2009, 315, 733-747.	1.2	28
88	Radiation-induced synthetic lethality: combination of poly(ADP-ribose) polymerase and RAD51 inhibitors to sensitize cells to proton irradiation. Cell Cycle, 2019, 18, 1770-1783.	1.3	28
89	Effect of hydroxyethylrutosides on hypoxial-induced neutrophil adherence to umbilical vein endothelium. Cardiovascular Drugs and Therapy, 1998, 12, 375-381.	1.3	26
90	Identification of hypoxia-responsive messengers expressed in human microvascular endothelial cells using differential display RT-PCR. FEBS Journal, 2000, 267, 3567-3574.	0.2	25

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91	NDRG1 and CRK-I/II are regulators of endothelial cell migration under intermittent hypoxia. Angiogenesis, 2009, 12, 339-354.	3.7	25
92	BNIP3 protects HepG2 cells against etoposide-induced cell death under hypoxia by an autophagy-independent pathway. Biochemical Pharmacology, 2010, 80, 1160-1169.	2.0	24
93	Surface properties and cell adhesion onto allylamine-plasma and amine-plasma coated glass coverslips. Journal of Materials Science: Materials in Medicine, 2011, 22, 671-682.	1.7	24
94	Metallic nanoparticles irradiated by lowâ€energy protons for radiation therapy: Are there significant physical effects to enhance the dose delivery?. Medical Physics, 2017, 44, 4299-4312.	1.6	24
95	Hybrid Shell Engineering of Animal Cells for Immune Protections and Regulation of Drug Delivery: Towards the Design of â€œArtificial Organsâ€. PLoS ONE, 2011, 6, e20983.	1.1	23
96	The peroxynitrite donor 3-morpholinosydnonimine activates Nrf2 and the UPR leading to a cytoprotective response in endothelial cells. Cellular Signalling, 2012, 24, 199-213.	1.7	23
97	Effects of the dual TP receptor antagonist and thromboxane synthase inhibitor EV-077 on human endothelial and vascular smooth muscle cells. Biochemical and Biophysical Research Communications, 2013, 441, 393-398.	1.0	23
98	Effect of Ginkor Fort on Hypoxia-Induced Neutrophil Adherence to Human Saphenous Vein Endothelium. Journal of Cardiovascular Pharmacology, 1998, 31, 456-463.	0.8	23
99	Comparison of X-ray and alpha particle effects on a human cancer and endothelial cells: Survival curves and gene expression profiles. Radiotherapy and Oncology, 2013, 106, 397-403.	0.3	22
100	Gold nanoparticles meet medical radionuclides. Nuclear Medicine and Biology, 2021, 100-101, 61-90.	0.3	22
101	PVD Synthesis and Transfer into Waterâ€Based Solutions of Functionalized Gold Nanoparticles. Plasma Processes and Polymers, 2009, 6, S888.	1.6	20
102	Carbon nanoparticles synthesized by sputtering and gas condensation inside a nanocluster source of fixed dimension. Surface and Coatings Technology, 2011, 205, S577-S581.	2.2	20
103	Effect of venotropic drugs on the respiratory activity of isolated mitochondria and in endothelial cells. British Journal of Pharmacology, 2000, 130, 1513-1524.	2.7	19
104	Identification of a cytotoxic molecule in heat-modified citrus pectin. Carbohydrate Polymers, 2016, 137, 39-51.	5.1	19
105	Respiratory activity of isolated rat liver mitochondria following in vitro exposure to oxygen species: A threshold study. Mechanisms of Ageing and Development, 1990, 51, 249-263.	2.2	18
106	Association of Antioxidant Systems in the Protection of Human Fibroblasts Against Oxygen Derived Free Radicals. Free Radical Research Communications, 1991, 14, 323-334.	1.8	18
107	Differential effect of hypoxia on etoposideâ€induced DNA damage response and p53 regulation in different cell types. Journal of Cellular Physiology, 2013, 228, 2365-2376.	2.0	18
108	Biotechnological promises of Fe-filled CNTs for cell shepherding and magnetic fluid hyperthermia applications. Nanoscale, 2015, 7, 20474-20488.	2.8	18

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109	Differential Influence of Anticancer Treatments and Angiogenesis on the Seric Titer of Autoantibody Used as Tumor and Metastasis Biomarker. Neoplasia, 2010, 12, 562-IN15.	2.3	17
110	BM-573 inhibits the development of early atherosclerotic lesions in Apo E deficient mice by blocking TP receptors and thromboxane synthase. Prostaglandins and Other Lipid Mediators, 2011, 94, 124-132.	1.0	17
111	A bi-directional dialog between vascular cells and monocytes/macrophages regulates tumor progression. Cancer and Metastasis Reviews, 2021, 40, 477-500.	2.7	17
112	A Hybrid Assembly by Encapsulation of Human Cells within Mineralised Beads for Cell Therapy. PLoS ONE, 2013, 8, e54683.	1.1	15
113	Fast Targeting and Cancer Cell Uptake of Luminescent Antibodyâ€Nanozeolite Bioconjugates. Small, 2016, 12, 5431-5441.	5.2	15
114	MitoQ Inhibits Human Breast Cancer Cell Migration, Invasion and Clonogenicity. Cancers, 2022, 14, 1516.	1.7	15
115	Meta-analysis of archived DNA microarrays identifies genes regulated by hypoxia and involved in a metastatic phenotype in cancer cells. BMC Cancer, 2010, 10, 176.	1.1	14
116	Chemical reactivity of plasma polymerized allylamine (PPAA) thin films on Au and Si: Study of the thickness influence and aging of the films. Surface and Coatings Technology, 2011, 205, S462-S465.	2.2	14
117	Hybrid Alginate@TiO₂ Porous Microcapsules as a Reservoir of Animal Cells for Cell Therapy. ACS Applied Materials & Interfaces, 2018, 10, 37865-37877.	4.0	14
118	Biodistribution of 125I-labeled anti-endoglin antibody using SPECT/CT imaging: Impact of in vivo deiodination on tumor accumulation in mice. Nuclear Medicine and Biology, 2016, 43, 415-423.	0.3	13
119	Role of PECAM-1 in the Adherence of PMN to Hypoxic Endothelial Cells. Cell Adhesion and Communication, 1998, 5, 367-374.	1.7	12
120	Low-Dose Hypersensitivity and Bystander Effect are Not Mutually Exclusive in A549 Lung Carcinoma Cells after Irradiation with Charged Particles. Radiation Research, 2013, 180, 491-498.	0.7	12
121	Appropriate Sequence for Afatinib and Cisplatin Combination Improves Anticancer Activity in Head and Neck Squamous Cell Carcinoma. Frontiers in Oncology, 2018, 8, 432.	1.3	12
122	Low dose hypersensitivity following in vitro cell irradiation with charged particles: Is the mechanism the same as with X-ray radiation?. International Journal of Radiation Biology, 2014, 90, 81-89.	1.0	11
123	Characterization of the role of TMEM45A in cancer cell sensitivity to cisplatin. Cell Death and Disease, 2019, 10, 919.	2.7	11
124	Pillar[5]arene-Based Polycationic Glyco[2]rotaxanes Designed as <i>Pseudomonas aeruginosa</i> Antibiofilm Agents. Journal of Medicinal Chemistry, 2021, 64, 14728-14744.	2.9	11
125	Effects of hydroxyethylrutosides on hypoxiaâ€induced activation of human endothelial cells <i>in vitro</i>. British Journal of Pharmacology, 1996, 118, 599-604.	2.7	10
126	TMEM45A Is Dispensable for Epidermal Morphogenesis, Keratinization and Barrier Formation. PLoS ONE, 2016, 11, e0147069.	1.1	9

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127	Caspase activation precedes PTP opening in TNF-Î±-induced apoptosis in L929 cells. Mitochondrion, 2004, 3, 261-278.	1.6	8
128	Unleashing Cancer Cells on Surfaces Exposing Motogenic IGDQ Peptides. Small, 2016, 12, 321-329.	5.2	8
129	Comparison of the clonogenic survival of A549 non-small cell lung adenocarcinoma cells after irradiation with low-dose-rate beta particles and high-dose-rate X-rays. International Journal of Radiation Biology, 2012, 88, 253-257.	1.0	7
130	Could Protons and Carbon Ions Be the Silver Bullets Against Pancreatic Cancer?. International Journal of Molecular Sciences, 2020, 21, 4767.	1.8	7
131	<i>In Vivo</i> Pharmacokinetics, Biodistribution and Toxicity of Antibody-Conjugated Gold Nanoparticles in Healthy Mice. Journal of Biomedical Nanotechnology, 2020, 16, 985-996.	0.5	7
132	Effects of Alpha Particle and Proton Beam Irradiation as Putative Cross-Talk between A549 Cancer Cells and the Endothelial Cells in a Co-Culture System. Cancers, 2015, 7, 481-502.	1.7	6
133	Annual Meeting of the International Society of Cancer Metabolism (ISCaM): Metabolic Networks in Cancer. Frontiers in Pharmacology, 2017, 8, 411.	1.6	6
134	Alginate@TiO2 hybrid microcapsules with high in vivo biocompatibility and stability for cell therapy. Colloids and Surfaces B: Biointerfaces, 2021, 203, 111770.	2.5	6
135	Alginate@TiO2 hybrid microcapsules as a reservoir of beta INS-1E cells with controlled insulin delivery. Journal of Materials Science, 2020, 55, 7857-7869.	1.7	5
136	Taking Advantage of the Senescence-Promoting Effect of Olaparib after X-ray and Proton Irradiation Using the Senolytic Drug, ABT-263. Cancers, 2022, 14, 1460.	1.7	5
137	Potentialization of anticancer agents by identification of new chemosensitizers active under hypoxia. Biochemical Pharmacology, 2019, 162, 224-236.	2.0	4
138	Targeting G Proteinâ€Coupled Receptors with Magnetic Carbon Nanotubes: The Case of the A 3 Adenosine Receptor. ChemMedChem, 2020, 15, 1909-1920.	1.6	4
139	Effects of copper sulfate-oxidized or myeloperoxidase- modified LDL on lipid loading and programmed cell death in macrophages under hypoxia. Hypoxia (Auckland, N Z), 2014, 2, 153.	1.9	2
140	Meta-Analysis and Gene Set Analysis of Archived Microarrays Suggest Implication of the Spliceosome in Metastatic and Hypoxic Phenotypes. PLoS ONE, 2014, 9, e86699.	1.1	2
141	Magnetic Carbon Nanotubes: Functionalized Fe-Filled Multiwalled Carbon Nanotubes as Multifunctional Scaffolds for Magnetization of Cancer Cells (Adv. Funct. Mater. 25/2013). Advanced Functional Materials, 2013, 23, 3172-3172.	7.8	1
142	Association of Variants in <i>TMEM45A</i> With Keratoglobus. JAMA Ophthalmology, 2021, 139, 1089.	1.4	1
143	Cancer Cells: Unleashing Cancer Cells on Surfaces Exposing Motogenic IGDQ Peptides (Small 3/2016). Small, 2016, 12, 266-266.	5.2	0
144	Implication of Tissue-Factor Bearing Microparticles In Thrombosis Associated with Breast Cancer. Blood, 2010, 116, 3165-3165.	0.6	0