

Carine Michiels

List of Publications by Year in descending order

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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	MitoQ Inhibits Human Breast Cancer Cell Migration, Invasion and Clonogenicity. <i>Cancers</i> , 2022, 14, 1516.	1.7	15
2	Taking Advantage of the Senescence-Promoting Effect of Olaparib after X-ray and Proton Irradiation Using the Senolytic Drug, ABT-263. <i>Cancers</i> , 2022, 14, 1460.	1.7	5
3	A bi-directional dialog between vascular cells and monocytes/macrophages regulates tumor progression. <i>Cancer and Metastasis Reviews</i> , 2021, 40, 477-500.	2.7	17
4	Alginate@TiO ₂ hybrid microcapsules with high in vivo biocompatibility and stability for cell therapy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 203, 111770.	2.5	6
5	Association of Variants in <i>TMEM45A</i> With Keratoglobus. <i>JAMA Ophthalmology</i> , 2021, 139, 1089.	1.4	1
6	Pillar[5]arene-Based Polycationic Glyco[2]rotaxanes Designed as <i>Pseudomonas aeruginosa</i> Antibiofilm Agents. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 14728-14744.	2.9	11
7	Gold nanoparticles meet medical radionuclides. <i>Nuclear Medicine and Biology</i> , 2021, 100-101, 61-90.	0.3	22
8	Transmembrane (TMEM) protein family members: Poorly characterized even if essential for the metastatic process. <i>Seminars in Cancer Biology</i> , 2020, 60, 96-106.	4.3	67
9	Gold Nanoparticles as a Potent Radiosensitizer: A Transdisciplinary Approach from Physics to Patient. <i>Cancers</i> , 2020, 12, 2021.	1.7	103
10	Targeting G Protein-Coupled Receptors with Magnetic Carbon Nanotubes: The Case of the A ₃ Adenosine Receptor. <i>ChemMedChem</i> , 2020, 15, 1909-1920.	1.6	4
11	Alginate@TiO ₂ hybrid microcapsules as a reservoir of beta INS-1E cells with controlled insulin delivery. <i>Journal of Materials Science</i> , 2020, 55, 7857-7869.	1.7	5
12	Could Protons and Carbon Ions Be the Silver Bullets Against Pancreatic Cancer?. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4767.	1.8	7
13	TGF β ₂ -induced formation of lipid droplets supports acidosis-driven EMT and the metastatic spreading of cancer cells. <i>Nature Communications</i> , 2020, 11, 454.	5.8	184
14	Cycling hypoxia promotes a pro-inflammatory phenotype in macrophages via JNK/p65 signaling pathway. <i>Scientific Reports</i> , 2020, 10, 882.	1.6	41
15	<i>In Vivo</i> Pharmacokinetics, Biodistribution and Toxicity of Antibody-Conjugated Gold Nanoparticles in Healthy Mice. <i>Journal of Biomedical Nanotechnology</i> , 2020, 16, 985-996.	0.5	7
16	Gold nanoparticles affect the antioxidant status in selected normal human cells.	3.3	35
17	Potentialization of anticancer agents by identification of new chemosensitizers active under hypoxia. <i>Biochemical Pharmacology</i> , 2019, 162, 224-236.	2.0	4
18	Antibody-functionalized gold nanoparticles as tumor-targeting radiosensitizers for proton therapy. <i>Nanomedicine</i> , 2019, 14, 317-333.	1.7	42

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19	Radiation-induced synthetic lethality: combination of poly(ADP-ribose) polymerase and RAD51 inhibitors to sensitize cells to proton irradiation. <i>Cell Cycle</i> , 2019, 18, 1770-1783.	1.3	28
20	Thioredoxin Reductase Activity Predicts Gold Nanoparticle Radiosensitization Effect. <i>Nanomaterials</i> , 2019, 9, 295.	1.9	29
21	Characterization of the role of TMEM45A in cancer cell sensitivity to cisplatin. <i>Cell Death and Disease</i> , 2019, 10, 919.	2.7	11
22	The role of thioredoxin reductase in gold nanoparticle radiosensitization effects. <i>Nanomedicine</i> , 2018, 13, 2917-2937.	1.7	40
23	TMEM Proteins in Cancer: A Review. <i>Frontiers in Pharmacology</i> , 2018, 9, 1345.	1.6	135
24	Appropriate Sequence for Afatinib and Cisplatin Combination Improves Anticancer Activity in Head and Neck Squamous Cell Carcinoma. <i>Frontiers in Oncology</i> , 2018, 8, 432.	1.3	12
25	Hybrid Alginate@TiO ₂ Porous Microcapsules as a Reservoir of Animal Cells for Cell Therapy. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 37865-37877.	4.0	14
26	Proton irradiation orchestrates macrophage reprogramming through NF κ B signaling. <i>Cell Death and Disease</i> , 2018, 9, 728.	2.7	58
27	Metallic nanoparticles irradiated by low-energy protons for radiation therapy: Are there significant physical effects to enhance the dose delivery?. <i>Medical Physics</i> , 2017, 44, 4299-4312.	1.6	24
28	Annual Meeting of the International Society of Cancer Metabolism (ISCaM): Metabolic Networks in Cancer. <i>Frontiers in Pharmacology</i> , 2017, 8, 411.	1.6	6
29	Reprogramming of Tumor-Associated Macrophages with Anticancer Therapies: Radiotherapy versus Chemo- and Immunotherapies. <i>Frontiers in Immunology</i> , 2017, 8, 828.	2.2	295
30	TMEM45A Is Dispensable for Epidermal Morphogenesis, Keratinization and Barrier Formation. <i>PLoS ONE</i> , 2016, 11, e0147069.	1.1	9
31	Unleashing Cancer Cells on Surfaces Exposing Motogenic IGDQ Peptides. <i>Small</i> , 2016, 12, 321-329.	5.2	8
32	LET-dependent radiosensitization effects of gold nanoparticles for proton irradiation. <i>Nanotechnology</i> , 2016, 27, 455101.	1.3	50
33	Cancer Cells: Unleashing Cancer Cells on Surfaces Exposing Motogenic IGDQ Peptides (<i>Small</i> 3/2016). <i>Small</i> , 2016, 12, 266-266.	5.2	0
34	Biodistribution of ¹²⁵ I-labeled anti-endoglin antibody using SPECT/CT imaging: Impact of in vivo deiodination on tumor accumulation in mice. <i>Nuclear Medicine and Biology</i> , 2016, 43, 415-423.	0.3	13
35	Lactate Dehydrogenase B Controls Lysosome Activity and Autophagy in Cancer. <i>Cancer Cell</i> , 2016, 30, 418-431.	7.7	160
36	Fast Targeting and Cancer Cell Uptake of Luminescent Antibody- α -Nanozeolite Bioconjugates. <i>Small</i> , 2016, 12, 5431-5441.	5.2	15

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37	Cycling hypoxia: A key feature of the tumor microenvironment. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2016, 1866, 76-86.	3.3	150
38	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	4.3	4,701
39	Identification of a cytotoxic molecule in heat-modified citrus pectin. <i>Carbohydrate Polymers</i> , 2016, 137, 39-51.	5.1	19
40	Heat-Modified Citrus Pectin Induces Apoptosis-Like Cell Death and Autophagy in HepG2 and A549 Cancer Cells. <i>PLoS ONE</i> , 2015, 10, e0115831.	1.1	46
41	miRNA-196b inhibits cell proliferation and induces apoptosis in HepG2 cells by targeting IGF2BP1. <i>Molecular Cancer</i> , 2015, 14, 79.	7.9	52
42	Cycling Hypoxia Induces a Specific Amplified Inflammatory Phenotype in Endothelial Cells and Enhances Tumor-Promoting Inflammation In Vivo. <i>Neoplasia</i> , 2015, 17, 66-78.	2.3	32
43	Taxol-induced unfolded protein response activation in breast cancer cells exposed to hypoxia: ATF4 activation regulates autophagy and inhibits apoptosis. <i>International Journal of Biochemistry and Cell Biology</i> , 2015, 62, 1-14.	1.2	56
44	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. <i>Cancers</i> , 2015, 7, 481-502.	1.7	6
45	Local Mitochondrial-Endolysosomal Microfusion Cleaves Voltage-Dependent Anion Channel 1 To Promote Survival in Hypoxia. <i>Molecular and Cellular Biology</i> , 2015, 35, 1491-1505.	1.1	40
46	M1 and M2 macrophages derived from THP-1 cells differentially modulate the response of cancer cells to etoposide. <i>BMC Cancer</i> , 2015, 15, 577.	1.1	641
47	Biotechnological promises of Fe-filled CNTs for cell shepherding and magnetic fluid hyperthermia applications. <i>Nanoscale</i> , 2015, 7, 20474-20488.	2.8	18
48	Effects of copper sulfate-oxidized or myeloperoxidase- modified LDL on lipid loading and programmed cell death in macrophages under hypoxia. <i>Hypoxia (Auckland, N Z)</i> , 2014, 2, 153.	1.9	2
49	Meta-Analysis and Gene Set Analysis of Archived Microarrays Suggest Implication of the Spliceosome in Metastatic and Hypoxic Phenotypes. <i>PLoS ONE</i> , 2014, 9, e86699.	1.1	2
50	⁸⁹ Zr-labeled anti-endoglin antibody-targeted gold nanoparticles for imaging cancer: implications for future cancer therapy. <i>Nanomedicine</i> , 2014, 9, 1923-1937.	1.7	33
51	High <i>TMEM45A</i> expression is correlated to epidermal keratinization. <i>Experimental Dermatology</i> , 2014, 23, 339-344.	1.4	31
52	Low dose hypersensitivity following in vitro cell irradiation with charged particles: Is the mechanism the same as with X-ray radiation?. <i>International Journal of Radiation Biology</i> , 2014, 90, 81-89.	1.0	11
53	A Mitochondrial Switch Promotes Tumor Metastasis. <i>Cell Reports</i> , 2014, 8, 754-766.	2.9	478
54	Antibody- α -functionalized nanoparticles for imaging cancer: influence of conjugation to gold nanoparticles on the biodistribution of ⁸⁹ Zr- α -labeled cetuximab in mice. <i>Contrast Media and Molecular Imaging</i> , 2013, 8, 402-408.	0.4	84

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55	Comparison of X-ray and alpha particle effects on a human cancer and endothelial cells: Survival curves and gene expression profiles. <i>Radiotherapy and Oncology</i> , 2013, 106, 397-403.	0.3	22
56	Molecular aspects of cancer cell resistance to chemotherapy. <i>Biochemical Pharmacology</i> , 2013, 85, 1219-1226.	2.0	333
57	Low-LET Proton Irradiation of A549 Non-small Cell Lung Adenocarcinoma Cells: Dose Response and RBE Determination. <i>Radiation Research</i> , 2013, 179, 273-281.	0.7	32
58	Effects of the dual TP receptor antagonist and thromboxane synthase inhibitor EV-077 on human endothelial and vascular smooth muscle cells. <i>Biochemical and Biophysical Research Communications</i> , 2013, 441, 393-398.	1.0	23
59	Functionalized Fe-Filled Multiwalled Carbon Nanotubes as Multifunctional Scaffolds for Magnetization of Cancer Cells. <i>Advanced Functional Materials</i> , 2013, 23, 3173-3184.	7.8	58
60	Differential effect of hypoxia on etoposide-induced DNA damage response and p53 regulation in different cell types. <i>Journal of Cellular Physiology</i> , 2013, 228, 2365-2376.	2.0	18
61	Low-Dose Hypersensitivity and Bystander Effect are Not Mutually Exclusive in A549 Lung Carcinoma Cells after Irradiation with Charged Particles. <i>Radiation Research</i> , 2013, 180, 491-498.	0.7	12
62	Magnetic Carbon Nanotubes: Functionalized Fe-Filled Multiwalled Carbon Nanotubes as Multifunctional Scaffolds for Magnetization of Cancer Cells (<i>Adv. Funct. Mater.</i> 25/2013). <i>Advanced Functional Materials</i> , 2013, 23, 3172-3172.	7.8	1
63	A Hybrid Assembly by Encapsulation of Human Cells within Mineralised Beads for Cell Therapy. <i>PLoS ONE</i> , 2013, 8, e54683.	1.1	15
64	Anti-cancer activities of pH- or heat-modified pectin. <i>Frontiers in Pharmacology</i> , 2013, 4, 128.	1.6	133
65	The Role of Hypoxia-Inducible Factor 1 α in Determining the Properties of Castrate-Resistant Prostate Cancers. <i>PLoS ONE</i> , 2013, 8, e54251.	1.1	70
66	Antibody-functionalized polymer-coated gold nanoparticles targeting cancer cells: an in vitro and in vivo study. <i>Journal of Materials Chemistry</i> , 2012, 22, 21305.	6.7	51
67	TMEM45A is essential for hypoxia-induced chemoresistance in breast and liver cancer cells. <i>BMC Cancer</i> , 2012, 12, 391.	1.1	80
68	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	4.3	3,122
69	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. <i>International Journal of Radiation Biology</i> , 2012, 88, 253-257.	1.0	7
70	Hypoxia-Induced Modulation of Apoptosis and BCL-2 Family Proteins in Different Cancer Cell Types. <i>PLoS ONE</i> , 2012, 7, e47519.	1.1	57
71	The peroxynitrite donor 3-morpholinopyridone activates Nrf2 and the UPR leading to a cytoprotective response in endothelial cells. <i>Cellular Signalling</i> , 2012, 24, 199-213.	1.7	23
72	Targeting the Lactate Transporter MCT1 in Endothelial Cells Inhibits Lactate-Induced HIF-1 Activation and Tumor Angiogenesis. <i>PLoS ONE</i> , 2012, 7, e33418.	1.1	412

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73	Carbon nanoparticles synthesized by sputtering and gas condensation inside a nanocluster source of fixed dimension. <i>Surface and Coatings Technology</i> , 2011, 205, S577-S581.	2.2	20
74	Hybrid Shell Engineering of Animal Cells for Immune Protections and Regulation of Drug Delivery: Towards the Design of "Artificial Organs". <i>PLoS ONE</i> , 2011, 6, e20983.	1.1	23
75	Chemical reactivity of plasma polymerized allylamine (PPAA) thin films on Au and Si: Study of the thickness influence and aging of the films. <i>Surface and Coatings Technology</i> , 2011, 205, S462-S465.	2.2	14
76	BM-573 inhibits the development of early atherosclerotic lesions in Apo E deficient mice by blocking TP receptors and thromboxane synthase. <i>Prostaglandins and Other Lipid Mediators</i> , 2011, 94, 124-132.	1.0	17
77	Autophagy as a mediator of chemotherapy-induced cell death in cancer. <i>Biochemical Pharmacology</i> , 2011, 82, 427-434.	2.0	154
78	Surface properties and cell adhesion onto allylamine-plasma and amine-plasma coated glass coverslips. <i>Journal of Materials Science: Materials in Medicine</i> , 2011, 22, 671-682.	1.7	24
79	Antibody immobilization on gold nanoparticles coated layer-by-layer with polyelectrolytes. <i>Journal of Nanoparticle Research</i> , 2011, 13, 1573-1580.	0.8	42
80	Lactate Influx through the Endothelial Cell Monocarboxylate Transporter MCT1 Supports an NF- κ B/IL-8 Pathway that Drives Tumor Angiogenesis. <i>Cancer Research</i> , 2011, 71, 2550-2560.	0.4	637
81	Meta-analysis of archived DNA microarrays identifies genes regulated by hypoxia and involved in a metastatic phenotype in cancer cells. <i>BMC Cancer</i> , 2010, 10, 176.	1.1	14
82	BNIP3 protects HepG2 cells against etoposide-induced cell death under hypoxia by an autophagy-independent pathway. <i>Biochemical Pharmacology</i> , 2010, 80, 1160-1169.	2.0	24
83	A p38MAPK/HIF-1 Pathway Initiated by UVB Irradiation Is Required to Induce Noxa and Apoptosis of Human Keratinocytes. <i>Journal of Investigative Dermatology</i> , 2010, 130, 2269-2276.	0.3	39
84	Anti-apoptotic role of HIF-1 and AP-1 in paclitaxel exposed breast cancer cells under hypoxia. <i>Molecular Cancer</i> , 2010, 9, 191.	7.9	90
85	Differential Influence of Anticancer Treatments and Angiogenesis on the Seric Titer of Autoantibody Used as Tumor and Metastasis Biomarker. <i>Neoplasia</i> , 2010, 12, 562-IN15.	2.3	17
86	Implication of Tissue-Factor Bearing Microparticles In Thrombosis Associated with Breast Cancer. <i>Blood</i> , 2010, 116, 3165-3165.	0.6	0
87	Activation of the Oxidative Stress Pathway by HIV-1 Vpr Leads to Induction of Hypoxia-inducible Factor 1 α Expression. <i>Journal of Biological Chemistry</i> , 2009, 284, 11364-11373.	1.6	100
88	Hypoxia regulates inflammatory gene expression in endothelial cells. <i>Experimental Cell Research</i> , 2009, 315, 733-747.	1.2	28
89	Intermittent hypoxia is an angiogenic inducer for endothelial cells: role of HIF-1. <i>Angiogenesis</i> , 2009, 12, 47-67.	3.7	86
90	NDRG1 and CRK-1/II are regulators of endothelial cell migration under intermittent hypoxia. <i>Angiogenesis</i> , 2009, 12, 339-354.	3.7	25

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91	PVD Synthesis and Transfer into Water-Based Solutions of Functionalized Gold Nanoparticles. <i>Plasma Processes and Polymers</i> , 2009, 6, S888.	1.6	20
92	Hypoxia-Induced Decrease in p53 Protein Level and Increase in c-jun DNA Binding Activity Results in Cancer Cell Resistance to Etoposide. <i>Neoplasia</i> , 2009, 11, 976-983.	2.3	38
93	Kinases as Upstream Regulators of the HIF System: Their Emerging Potential as Anti-Cancer Drug Targets. <i>Current Pharmaceutical Design</i> , 2009, 15, 3867-3877.	0.9	35
94	Hypoxia induces protection against etoposide-induced apoptosis: molecular profiling of changes in gene expression and transcription factor activity. <i>Molecular Cancer</i> , 2008, 7, 27.	7.9	69
95	Tumour Hypoxia Affects the Responsiveness of Cancer Cells to Chemotherapy and Promotes Cancer Progression. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2008, 8, 790-797.	0.9	297
96	Glycogen Synthase Kinase 3 Phosphorylates Hypoxia-Inducible Factor 1 α and Mediates Its Destabilization in a VHL-Independent Manner. <i>Molecular and Cellular Biology</i> , 2007, 27, 3253-3265.	1.1	221
97	Reactive Oxygen Species Activate the HIF-1 α Promoter Via a Functional NF κ B Site. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007, 27, 755-761.	1.1	565
98	Dual effect of echinomycin on hypoxia-inducible factor-1 activity under normoxic and hypoxic conditions. <i>FEBS Journal</i> , 2007, 274, 5533-5542.	2.2	52
99	Intermittent hypoxia changes HIF-1 α phosphorylation pattern in endothelial cells: Unravelling of a new PKA-dependent regulation of HIF-1 α . <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2007, 1773, 1558-1571.	1.9	61
100	Hypoxia protects HepG2 cells against etoposide-induced apoptosis VIA a HIF-1-independent pathway. <i>Experimental Cell Research</i> , 2006, 312, 2908-2920.	1.2	54
101	Preconditioning of the Tumor Vasculature and Tumor Cells by Intermittent Hypoxia: Implications for Anticancer Therapies. <i>Cancer Research</i> , 2006, 66, 11736-11744.	0.4	175
102	Casein kinase 2 inhibition decreases hypoxia-inducible factor-1 activity under hypoxia through elevated p53 protein level. <i>Journal of Cell Science</i> , 2006, 119, 3351-3362.	1.2	56
103	Role for casein kinase 2 in the regulation of HIF-1 activity. <i>International Journal of Cancer</i> , 2005, 117, 764-774.	2.3	91
104	Hypoxia-inducible Factor-1-dependent Overexpression of Myeloid Cell Factor-1 Protects Hypoxic Cells against tert-Butyl Hydroperoxide-induced Apoptosis. <i>Journal of Biological Chemistry</i> , 2005, 280, 9336-9344.	1.6	114
105	Up-regulation of 94-kDa glucose-regulated protein by hypoxia-inducible factor-1 in human endothelial cells in response to hypoxia. <i>FEBS Letters</i> , 2005, 579, 105-114.	1.3	46
106	Mitochondria permeability transition-dependent tert-butyl hydroperoxide-induced apoptosis in hepatoma HepG2 cells. <i>Biochemical Pharmacology</i> , 2004, 67, 611-620.	2.0	63
107	Hypoxia and CoCl ₂ protect HepG2 cells against serum deprivation- and t-BHP-induced apoptosis: a possible anti-apoptotic role for HIF-1. <i>Experimental Cell Research</i> , 2004, 295, 340-349.	1.2	85
108	Physiological and Pathological Responses to Hypoxia. <i>American Journal of Pathology</i> , 2004, 164, 1875-1882.	1.9	435

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109	Caspase activation precedes PTP opening in TNF- α -induced apoptosis in L929 cells. <i>Mitochondrion</i> , 2004, 3, 261-278.	1.6	8
110	Role of ERK and calcium in the hypoxia-induced activation of HIF-1. <i>Journal of Cellular Physiology</i> , 2003, 194, 30-44.	2.0	122
111	Endothelial cell functions. <i>Journal of Cellular Physiology</i> , 2003, 196, 430-443.	2.0	585
112	Regulation of Hypoxia-inducible Factor-1 α Protein Level during Hypoxic Conditions by the Phosphatidylinositol 3-Kinase/Akt/Glycogen Synthase Kinase 3 β Pathway in HepG2 Cells. <i>Journal of Biological Chemistry</i> , 2003, 278, 31277-31285.	1.6	281
113	Endothelial von Willebrand factor recruits platelets to atherosclerosis-prone sites in response to hypercholesterolemia. <i>Blood</i> , 2002, 99, 4486-4493.	0.6	162
114	Identification of the phospholipase A2 isoforms that contribute to arachidonic acid release in hypoxic endothelial cells: limits of phospholipase A2 inhibitors. <i>Biochemical Pharmacology</i> , 2002, 63, 321-332.	2.0	33
115	Is HIF-1 α a pro- or an anti-apoptotic protein?. <i>Biochemical Pharmacology</i> , 2002, 64, 889-892.	2.0	236
116	Regulation of gene expression by oxygen: NF- κ B and HIF-1, two extremes. <i>Free Radical Biology and Medicine</i> , 2002, 33, 1231-1242.	1.3	175
117	CoCl ₂ , a Chemical Inducer of Hypoxia-inducible Factor-1, and Hypoxia Reduce Apoptotic Cell Death in Hepatoma Cell Line HepG2. <i>Annals of the New York Academy of Sciences</i> , 2002, 973, 443-447.	1.8	233
118	ERK and Calcium in Activation of HIF-1. <i>Annals of the New York Academy of Sciences</i> , 2002, 973, 448-453.	1.8	51
119	PGF ₂ α , a Prostanoid Released by Endothelial Cells Activated by Hypoxia, Is a Chemoattractant Candidate for Neutrophil Recruitment. <i>American Journal of Pathology</i> , 2001, 159, 345-357.	1.9	44
120	Adenovirus-Mediated Gene Transfer of Human Platelet-Activating Factor- α Acetylhydrolase Prevents Injury-Induced Neointima Formation and Reduces Spontaneous Atherosclerosis in Apolipoprotein E-Deficient Mice. <i>Circulation</i> , 2001, 103, 2495-2500.	1.6	197
121	Identification of hypoxia-responsive messengers expressed in human microvascular endothelial cells using differential display RT-PCR. <i>FEBS Journal</i> , 2000, 267, 3567-3574.	0.2	25
122	Effect of venotropic drugs on the respiratory activity of isolated mitochondria and in endothelial cells. <i>British Journal of Pharmacology</i> , 2000, 130, 1513-1524.	2.7	19
123	Protection by bilobalide of the ischaemia-induced alterations of the mitochondrial respiratory activity. <i>Fundamental and Clinical Pharmacology</i> , 2000, 14, 193-201.	1.0	49
124	HDL-associated PAF-AH reduces endothelial adhesiveness in apoE ^{-/-} mice. <i>FASEB Journal</i> , 2000, 14, 2032-2039.	0.2	131
125	Protection of mitochondrial respiration activity by bilobalide. <i>Biochemical Pharmacology</i> , 1999, 58, 109-119.	2.0	72
126	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. <i>Journal of Cardiovascular Pharmacology</i> , 1999, 33, 7-11.	0.8	60

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127	Effect of hydroxyethylrutosides on hypoxia-induced neutrophil adherence to umbilical vein endothelium. <i>Cardiovascular Drugs and Therapy</i> , 1998, 12, 375-381.	1.3	26
128	Role of PECAM-1 in the Adherence of PMN to Hypoxic Endothelial Cells. <i>Cell Adhesion and Communication</i> , 1998, 5, 367-374.	1.7	12
129	Effect of Ginkor Fort on Hypoxia-Induced Neutrophil Adherence to Human Saphenous Vein Endothelium. <i>Journal of Cardiovascular Pharmacology</i> , 1998, 31, 456-463.	0.8	23
130	Effects of hydroxyethylrutosides on hypoxia-induced activation of human endothelial cells <i>in vitro</i> . <i>British Journal of Pharmacology</i> , 1996, 118, 599-604.	2.7	10
131	Cellular aging and the importance of energetic factors. <i>Experimental Gerontology</i> , 1995, 30, 1-22.	1.2	45
132	Protection of hypoxia-induced ATP decrease in endothelial cells by ginkgo beloba extract and bilobalide. <i>Biochemical Pharmacology</i> , 1995, 50, 991-999.	2.0	118
133	Importance of SE-glutathione peroxidase, catalase, and CU/ZN-SOD for cell survival against oxidative stress. <i>Free Radical Biology and Medicine</i> , 1994, 17, 235-248.	1.3	996
134	Hypoxia Stimulates Human Endothelial Cells to Release Smooth Muscle Cell Mitogens: Role of Prostaglandins and bFGF. <i>Experimental Cell Research</i> , 1994, 213, 43-54.	1.2	76
135	Hypoxia-Induced Activation of Endothelial Cells as a Possible Cause of Venous Diseases: Hypothesis. <i>Angiology</i> , 1993, 44, 639-646.	0.8	55
136	Effect of hypoxia upon intracellular calcium concentration of human endothelial cells. <i>Journal of Cellular Physiology</i> , 1992, 152, 215-221.	2.0	133
137	Human umbilical vein endothelial cells submitted to hypoxia-reoxygenation <i>in vitro</i> : Implication of free radicals, xanthine oxidase, and energy deficiency. <i>Journal of Cellular Physiology</i> , 1992, 153, 53-61.	2.0	67
138	Cytotoxicity of linoleic acid peroxide, malondialdehyde and 4-hydroxynonenal towards human fibroblasts. <i>Toxicology</i> , 1991, 66, 225-234.	2.0	48
139	Association of Antioxidant Systems in the Protection of Human Fibroblasts Against Oxygen Derived Free Radicals. <i>Free Radical Research Communications</i> , 1991, 14, 323-334.	1.8	18
140	Comparative study of oxygen toxicity in human fibroblasts and endothelial cells. <i>Journal of Cellular Physiology</i> , 1990, 144, 295-302.	2.0	52
141	Respiratory activity of isolated rat liver mitochondria following <i>in vitro</i> exposure to oxygen species: A threshold study. <i>Mechanisms of Ageing and Development</i> , 1990, 51, 249-263.	2.2	18
142	Glutathione peroxidase, superoxide dismutase, and catalase inactivation by peroxides and oxygen derived free radicals. <i>Mechanisms of Ageing and Development</i> , 1990, 51, 283-297.	2.2	635
143	Use of the inhibition of enzymatic antioxidant systems in order to evaluate their physiological importance. <i>FEBS Journal</i> , 1988, 177, 435-441.	0.2	95
144	Comparative study of the enzymatic defense systems against oxygen-derived free radicals: The key role of glutathione peroxidase. <i>Free Radical Biology and Medicine</i> , 1987, 3, 3-7.	1.3	144