# Carine Michiels

List of Publications by Year
in descending order



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|---|---|---|---|
| 144 papers | 21,240 citations | 34493<br>54 h-index | 10955<br>142 g-index |
| 146 all docs | 146 docs citations | 146 times ranked | 41595 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | MitoQ Inhibits Human Breast Cancer Cell Migration, Invasion and Clonogenicity. Cancers, 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. Cancers, 2022, 14, 1460. | 1.7 | 5 |
| 3 | A bi-directional dialog between vascular cells and monocytes/macrophages regulates tumor progression. Cancer and Metastasis Reviews, 2021, 40, 477-500. | 2.7 | 17 |
| 4 | 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 |
| 5 | Association of Variants in <i>TMEM45A</i> With Keratoglobus. JAMA Ophthalmology, 2021, 139, 1089. | 1.4 | 1 |
| 6 | 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 |
| 7 | Gold nanoparticles meet medical radionuclides. Nuclear Medicine and Biology, 2021, 100-101, 61-90. | 0.3 | 22 |
| 8 | 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 |
| 9 | Gold Nanoparticles as a Potent Radiosensitizer: A Transdisciplinary Approach from Physics to Patient. Cancers, 2020, 12, 2021. | 1.7 | 103 |
| 10 | 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 |
| 11 | 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 |
| 12 | Could Protons and Carbon Ions Be the Silver Bullets Against Pancreatic Cancer?. International Journal of Molecular Sciences, 2020, 21, 4767. | 1.8 | 7 |
| 13 | 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 |
| 14 | Cycling hypoxia promotes a pro-inflammatory phenotype in macrophages via JNK/p65 signaling pathway. Scientific Reports, 2020, 10, 882. | 1.6 | 41 |
| 15 | <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 |
| 16 | <p>Gold nanoparticles affect the antioxidant status in selected normal human cells</p>. International Journal of Nanomedicine, 2019, Volume 14, 4991-5015. | 3.3 | 35 |
| 17 | Potentialization of anticancer agents by identification of new chemosensitizers active under hypoxia. Biochemical Pharmacology, 2019, 162, 224-236. | 2.0 | 4 |
| 18 | Antibody-functionalized gold nanoparticles as tumor-targeting radiosensitizers for proton therapy. Nanomedicine, 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. Cell Cycle, 2019, 18, 1770-1783. | 1.3 | 28 |
| 20 | Thioredoxin Reductase Activity Predicts Gold Nanoparticle Radiosensitization Effect. Nanomaterials, 2019, 9, 295. | 1.9 | 29 |
| 21 | Characterization of the role of TMEM45A in cancer cell sensitivity to cisplatin. Cell Death and Disease, 2019, 10, 919. | 2.7 | 11 |
| 22 | The role of thioredoxin reductase in gold nanoparticle radiosensitization effects. Nanomedicine, 2018, 13, 2917-2937. | 1.7 | 40 |
| 23 | TMEM Proteins in Cancer: A Review. Frontiers in Pharmacology, 2018, 9, 1345. | 1.6 | 135 |
| 24 | 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 |
| 25 | Hybrid Alginate@TiO<sub>2</sub> Porous Microcapsules as a Reservoir of Animal Cells for Cell Therapy. ACS Applied Materials & Interfaces, 2018, 10, 37865-37877. | 4.0 | 14 |
| 26 | Proton irradiation orchestrates macrophage reprogramming through NFÎºB signaling. Cell Death and Disease, 2018, 9, 728. | 2.7 | 58 |
| 27 | 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 |
| 28 | Annual Meeting of the International Society of Cancer Metabolism (ISCaM): Metabolic Networks in Cancer. Frontiers in Pharmacology, 2017, 8, 411. | 1.6 | 6 |
| 29 | Reprogramming of Tumor-Associated Macrophages with Anticancer Therapies: Radiotherapy versus Chemo- and Immunotherapies. Frontiers in Immunology, 2017, 8, 828. | 2.2 | 295 |
| 30 | TMEM45A Is Dispensable for Epidermal Morphogenesis, Keratinization and Barrier Formation. PLoS ONE, 2016, 11, e0147069. | 1.1 | 9 |
| 31 | Unleashing Cancer Cells on Surfaces Exposing Motogenic IGDQ Peptides. Small, 2016, 12, 321-329. | 5.2 | 8 |
| 32 | LET-dependent radiosensitization effects of gold nanoparticles for proton irradiation. Nanotechnology, 2016, 27, 455101. | 1.3 | 50 |
| 33 | Cancer Cells: Unleashing Cancer Cells on Surfaces Exposing Motogenic IGDQ Peptides (Small 3/2016). Small, 2016, 12, 266-266. | 5.2 | 0 |
| 34 | 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 |
| 35 | Lactate Dehydrogenase B Controls Lysosome Activity and Autophagy in Cancer. Cancer Cell, 2016, 30, 418-431. | 7.7 | 160 |
| 36 | Fast Targeting and Cancer Cell Uptake of Luminescent Antibodyâ€Nanozeolite Bioconjugates. Small, 2016, 12, 5431-5441. | 5.2 | 15 |

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| 37 | Cycling hypoxia: A key feature of the tumor microenvironment. Biochimica Et Biophysica Acta: Reviews on Cancer, 2016, 1866, 76-86. | 3.3 | 150 |
| 38 | Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222. | 4.3 | 4,701 |
| 39 | Identification of a cytotoxic molecule in heat-modified citrus pectin. Carbohydrate Polymers, 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. PLoS ONE, 2015, 10, e0115831. | 1.1 | 46 |
| 41 | miRNA-196b inhibits cell proliferation and induces apoptosis in HepG2 cells by targeting IGF2BP1. Molecular Cancer, 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. Neoplasia, 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. International Journal of Biochemistry and Cell Biology, 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. Cancers, 2015, 7, 481-502. | 1.7 | 6 |
| 45 | 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 |
| 46 | 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 |
| 47 | Biotechnological promises of Fe-filled CNTs for cell shepherding and magnetic fluid hyperthermia applications. Nanoscale, 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. Hypoxia (Auckland, N Z ), 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. PLoS ONE, 2014, 9, e86699. | 1.1 | 2 |
| 50 | <sup>89</sup>Zr-labeled anti-endoglin antibody-targeted gold nanoparticles for imaging cancer: implications for future cancer therapy. Nanomedicine, 2014, 9, 1923-1937. | 1.7 | 33 |
| 51 | High <scp>TMEM</scp>45A expression is correlated to epidermal keratinization. Experimental Dermatology, 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?. International Journal of Radiation Biology, 2014, 90, 81-89. | 1.0 | 11 |
| 53 | A Mitochondrial Switch Promotes Tumor Metastasis. Cell Reports, 2014, 8, 754-766. | 2.9 | 478 |
| 54 | Antibodyâ€functionalized nanoparticles for imaging cancer: influence of conjugation to gold nanoparticles on the biodistribution of <sup>89</sup>Zrâ€labeled cetuximab in mice. Contrast Media and Molecular Imaging, 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. Radiotherapy and Oncology, 2013, 106, 397-403. | 0.3 | 22 |
| 56 | Molecular aspects of cancer cell resistance to chemotherapy. Biochemical Pharmacology, 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. Radiation Research, 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. Biochemical and Biophysical Research Communications, 2013, 441, 393-398. | 1.0 | 23 |
| 59 | Functionalized Feâ€Filled Multiwalled Carbon Nanotubes as Multifunctional Scaffolds for Magnetization of Cancer Cells. Advanced Functional Materials, 2013, 23, 3173-3184. | 7.8 | 58 |
| 60 | 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 |
| 61 | 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 |
| 62 | 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 |
| 63 | A Hybrid Assembly by Encapsulation of Human Cells within Mineralised Beads for Cell Therapy. PLoS ONE, 2013, 8, e54683. | 1.1 | 15 |
| 64 | Anti-cancer activities of pH- or heat-modified pectin. Frontiers in Pharmacology, 2013, 4, 128. | 1.6 | 133 |
| 65 | The Role of Hypoxia-Inducible Factor 1Î± in Determining the Properties of Castrate-Resistant Prostate Cancers. PLoS ONE, 2013, 8, e54251. | 1.1 | 70 |
| 66 | 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 |
| 67 | TMEM45A is essential for hypoxia-induced chemoresistance in breast and liver cancer cells. BMC Cancer, 2012, 12, 391. | 1.1 | 80 |
| 68 | Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 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. International Journal of Radiation Biology, 2012, 88, 253-257. | 1.0 | 7 |
| 70 | Hypoxia-Induced Modulation of Apoptosis and BCL-2 Family Proteins in Different Cancer Cell Types. PLoS ONE, 2012, 7, e47519. | 1.1 | 57 |
| 71 | 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 |
| 72 | 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 |

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| 73 | 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 |
| 74 | 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 |
| 75 | 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 |
| 76 | 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 |
| 77 | Autophagy as a mediator of chemotherapy-induced cell death in cancer. Biochemical Pharmacology, 2011, 82, 427-434. | 2.0 | 154 |
| 78 | 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 |
| 79 | Antibody immobilization on gold nanoparticles coated layer-by-layer with polyelectrolytes. Journal of Nanoparticle Research, 2011, 13, 1573-1580. | 0.8 | 42 |
| 80 | Lactate Influx through the Endothelial Cell Monocarboxylate Transporter MCT1 Supports an NF-ÎºB/IL-8 Pathway that Drives Tumor Angiogenesis. Cancer Research, 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. BMC Cancer, 2010, 10, 176. | 1.1 | 14 |
| 82 | 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 |
| 83 | 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 |
| 84 | 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 |
| 85 | 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 |
| 86 | Implication of Tissue-Factor Bearing Microparticles In Thrombosis Associated with Breast Cancer. Blood, 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 1Î± Expression. Journal of Biological Chemistry, 2009, 284, 11364-11373. | 1.6 | 100 |
| 88 | Hypoxia regulates inflammatory gene expression in endothelial cells. Experimental Cell Research, 2009, 315, 733-747. | 1.2 | 28 |
| 89 | Intermittent hypoxia is an angiogenic inducer for endothelial cells: role of HIF-1. Angiogenesis, 2009, 12, 47-67. | 3.7 | 86 |
| 90 | NDRG1 and CRK-I/II are regulators of endothelial cell migration under intermittent hypoxia. Angiogenesis, 2009, 12, 339-354. | 3.7 | 25 |

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| 91 | PVD Synthesis and Transfer into Waterâ€Based Solutions of Functionalized Gold Nanoparticles. Plasma Processes and Polymers, 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. Neoplasia, 2009, 11, 976-IN3. | 2.3 | 38 |
| 93 | 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 |
| 94 | 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 |
| 95 | 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 |
| 96 | 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 |
| 97 | Reactive Oxygen Species Activate the HIF-1Î± Promoter Via a Functional NFÎºB Site. Arteriosclerosis, Thrombosis, and Vascular Biology, 2007, 27, 755-761. | 1.1 | 565 |
| 98 | Dual effect of echinomycin on hypoxiaâ€inducible factorâ€1 activity under normoxic and hypoxic conditions. FEBS Journal, 2007, 274, 5533-5542. | 2.2 | 52 |
| 99 | 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 |
| 100 | Hypoxia protects HepG2 cells against etoposide-induced apoptosis VIA a HIF-1-independent pathway. Experimental Cell Research, 2006, 312, 2908-2920. | 1.2 | 54 |
| 101 | Preconditioning of the Tumor Vasculature and Tumor Cells by Intermittent Hypoxia: Implications for Anticancer Therapies. Cancer Research, 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. Journal of Cell Science, 2006, 119, 3351-3362. | 1.2 | 56 |
| 103 | Role for casein kinase 2 in the regulation of HIF-1 activity. International Journal of Cancer, 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. Journal of Biological Chemistry, 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. FEBS Letters, 2005, 579, 105-114. | 1.3 | 46 |
| 106 | Mitochondria permeability transition-dependent tert-butyl hydroperoxide-induced apoptosis in hepatoma HepG2 cells. Biochemical Pharmacology, 2004, 67, 611-620. | 2.0 | 63 |
| 107 | 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 |
| 108 | Physiological and Pathological Responses to Hypoxia. American Journal of Pathology, 2004, 164, 1875-1882. | 1.9 | 435 |

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| 109 | Caspase activation precedes PTP opening in TNF-Î±-induced apoptosis in L929 cells. Mitochondrion, 2004, 3, 261-278. | 1.6 | 8 |
| 110 | Role of ERK and calcium in the hypoxia-induced activation of HIF-1. Journal of Cellular Physiology, 2003, 194, 30-44. | 2.0 | 122 |
| 111 | Endothelial cell functions. Journal of Cellular Physiology, 2003, 196, 430-443. | 2.0 | 585 |
| 112 | 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 |
| 113 | Endothelial von Willebrand factor recruits platelets to atherosclerosis-prone sites in response to hypercholesterolemia. Blood, 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. Biochemical Pharmacology, 2002, 63, 321-332. | 2.0 | 33 |
| 115 | Is HIF-1Î± a pro- or an anti-apoptotic protein?. Biochemical Pharmacology, 2002, 64, 889-892. | 2.0 | 236 |
| 116 | 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 |
| 117 | CoCl<sub>2</sub>, 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 |
| 118 | ERK and Calcium in Activation of HIFâ€1. Annals of the New York Academy of Sciences, 2002, 973, 448-453. | 1.8 | 51 |
| 119 | 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 |
| 120 | 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 |
| 121 | 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 |
| 122 | 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 |
| 123 | Protection by bilobalide of the ischaemiaâ€induced alterations of the mitochondrial respiratory activity. Fundamental and Clinical Pharmacology, 2000, 14, 193-201. | 1.0 | 49 |
| 124 | HDLassociated PAFâ€AH reduces endothelial adhesiveness in apoE âˆ’/âˆ’ mice. FASEB Journal, 2000, 14, 2032-2039. | 0.2 | 131 |
| 125 | Protection of mitochondrial respiration activity by bilobalide. Biochemical Pharmacology, 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. Journal of Cardiovascular Pharmacology, 1999, 33, 7-11. | 0.8 | 60 |

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| 127 | Effect of hydroxyethylrutosides on hypoxial-induced neutrophil adherence to umbilical vein endothelium. Cardiovascular Drugs and Therapy, 1998, 12, 375-381. | 1.3 | 26 |
| 128 | Role of PECAM-1 in the Adherence of PMN to Hypoxic Endothelial Cells. Cell Adhesion and Communication, 1998, 5, 367-374. | 1.7 | 12 |
| 129 | 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 |
| 130 | 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 |
| 131 | Cellular aging and the importance of energetic factors. Experimental Gerontology, 1995, 30, 1-22. | 1.2 | 45 |
| 132 | Protection of hypoxia-induced ATP decrease in endothelial cells by ginkgo beloba extract and bilobalide. Biochemical Pharmacology, 1995, 50, 991-999. | 2.0 | 118 |
| 133 | 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 |
| 134 | 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 |
| 135 | Hypoxia-Induced Activation of Endothelial Cells as a Possible Cause of Venous Diseases: Hypothesis. Angiology, 1993, 44, 639-646. | 0.8 | 55 |
| 136 | Effect of hypoxia upon intracellular calcium concentration of human endothelial cells. Journal of Cellular Physiology, 1992, 152, 215-221. | 2.0 | 133 |
| 137 | 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 |
| 138 | Cytotoxicity of linoleic acid peroxide, malondialdehyde and 4-hydroxynonenal towards human fibroblasts. Toxicology, 1991, 66, 225-234. | 2.0 | 48 |
| 139 | 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 |
| 140 | Comparative study of oxygen toxicity in human fibroblasts and endothelial cells. Journal of Cellular Physiology, 1990, 144, 295-302. | 2.0 | 52 |
| 141 | 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 |
| 142 | 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 |
| 143 | Use of the inhibition of enzymatic antioxidant systems in order to evaluate their physiological importance. FEBS Journal, 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. Free Radical Biology and Medicine, 1987, 3, 3-7. | 1.3 | 144 |