

# MCarmen Ruiz Ruiz

## List of Publications by Year in descending order

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42  
papers

2,358  
citations

257429

24  
h-index

254170

43  
g-index

44  
all docs

44  
docs citations

44  
times ranked

3660  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Importance of Poly(ADP-ribose) Polymerase and Its Cleavage in Apoptosis. <i>Journal of Biological Chemistry</i> , 1998, 273, 33533-33539.  | 3.4  | 665       |
| 2  | ROS-induced DNA damage and PARP-1 are required for optimal induction of starvation-induced autophagy. <i>Cell Research</i> , 2012, 22, 1181-1198.  | 12.0 | 201       |
| 3  | Doxorubicin Induces Apoptosis and CD95 Gene Expression in Human Primary Endothelial Cells through a p53-dependent Mechanism. <i>Journal of Biological Chemistry</i> , 2002, 277, 10883-10892.  | 3.4  | 138       |
| 4  | Inhibition of Glucose Metabolism Sensitizes Tumor Cells to Death Receptor-triggered Apoptosis through Enhancement of Death-inducing Signaling Complex Formation and Apical Procaspase-8 Processing. <i>Journal of Biological Chemistry</i> , 2003, 278, 12759-12768. | 3.4  | 97        |
| 5  | An exopolysaccharide produced by the novel halophilic bacterium <i>Halomonas stenophila</i> strain B100 selectively induces apoptosis in human T leukaemia cells. <i>Applied Microbiology and Biotechnology</i> , 2011, 89, 345-355.                                 | 3.6  | 91        |
| 6  | The Up-regulation of Human Caspase-8 by Interferon- $\beta$ in Breast Tumor Cells Requires the Induction and Action of the Transcription Factor Interferon Regulatory Factor-1. <i>Journal of Biological Chemistry</i> , 2004, 279, 19712-19720.                     | 3.4  | 85        |
| 7  | Reactive oxygen intermediate(s) (ROI): Common mediator(s) of poly(ADP-ribose)polymerase (PARP) cleavage and apoptosis. <i>FEBS Letters</i> , 1996, 392, 299-303.   | 2.8  | 81        |
| 8  | GSK-3 $\beta$ inhibition by lithium confers resistance to chemotherapy-induced apoptosis through the repression of CD95 (Fas/APO-1) expression. <i>Experimental Cell Research</i> , 2004, 300, 354-364.  | 2.6  | 71        |
| 9  | Perinatal Derivatives: Where Do We Stand? A Roadmap of the Human Placenta and Consensus for Tissue and Cell Nomenclature. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 610544.  | 4.1  | 68        |
| 10 | Mitochondria-dependent and -independent mechanisms in tumour necrosis factor-related apoptosis-inducing ligand (TRAIL)-induced apoptosis are both regulated by interferon- $\beta$ in human breast tumour cells. <i>Biochemical Journal</i> , 2002, 365, 825-832.    | 3.7  | 61        |
| 11 | p53-mediated up-regulation of CD95 is not involved in genotoxic drug-induced apoptosis of human breast tumor cells. <i>Cell Death and Differentiation</i> , 1999, 6, 271-280.  | 11.2 | 56        |
| 12 | Activation of protein kinase C attenuates early signals in Fas-mediated apoptosis. <i>European Journal of Immunology</i> , 1997, 27, 1442-1450.  | 2.9  | 54        |
| 13 | Interferon- $\beta$ Sensitizes Human Myeloid Leukemia Cells to Death Receptor-mediated Apoptosis by a Pleiotropic Mechanism. <i>Journal of Biological Chemistry</i> , 2001, 276, 17779-17787.  | 3.4  | 53        |
| 14 | Activation of protein kinase C inhibits TRAIL-induced caspases activation, mitochondrial events and apoptosis in a human leukemic T cell line. <i>Cell Death and Differentiation</i> , 2001, 8, 172-181.   | 11.2 | 49        |
| 15 | The differential sensitivity of Bcl-2-overexpressing human breast tumor cells to TRAIL or doxorubicin-induced apoptosis is dependent on Bcl-2 protein levels. <i>Oncogene</i> , 2001, 20, 7128-7133.   | 5.9  | 48        |
| 16 | Tumor Necrosis Factor-related Apoptosis-inducing Ligand (TRAIL) Decoy Receptor TRAIL-R3 Is Up-regulated by p53 in Breast Tumor Cells through a Mechanism Involving an Intronic p53-binding Site. <i>Journal of Biological Chemistry</i> , 2004, 279, 4093-4101.      | 3.4  | 41        |
| 17 | The DNA methyltransferase inhibitors zebularine and decitabine induce mitochondria-mediated apoptosis and DNA damage in p53 mutant leukemic T cells. <i>International Journal of Cancer</i> , 2012, 130, 1195-1207.  | 5.1  | 38        |
| 18 | The importance of bystander effects in radiation therapy in melanoma skin-cancer cells and umbilical-cord stromal stem cells. <i>Radiotherapy and Oncology</i> , 2012, 102, 450-458.   | 0.6  | 36        |

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|----|---|-----|-----------|
| 19 | Human predecidual stromal cells are mesenchymal stromal/stem cells and have a therapeutic effect in an immune-based mouse model of recurrent spontaneous abortion. <i>Stem Cell Research and Therapy</i> , 2019, 10, 177.   | 5.5 | 33        |
| 20 | The antihypertensive drug hydralazine activates the intrinsic pathway of apoptosis and causes DNA damage in leukemic T cells. <i>Oncotarget</i> , 2016, 7, 21875-21886.   | 1.8 | 32        |
| 21 | Regulation of the resistance to TRAIL-induced apoptosis in human primary T lymphocytes: Role of NF- $\kappa$ B inhibition. <i>Molecular Immunology</i> , 2007, 44, 2587-2597.   | 2.2 | 31        |
| 22 | Stimulation of the mitogen-activated protein kinase pathway antagonizes TRAIL-induced apoptosis downstream of BID cleavage in human breast cancer MCF-7 cells. <i>Oncogene</i> , 2002, 21, 4323-4327.   | 5.9 | 30        |
| 23 | Characterization of p53-mediated Up-regulation of CD95 Gene Expression upon Genotoxic Treatment in Human Breast Tumor Cells. <i>Journal of Biological Chemistry</i> , 2003, 278, 31667-31675.   | 3.4 | 26        |
| 24 | Human decidual stromal cells secrete soluble pro-apoptotic factors during decidualization in a cAMP-dependent manner. <i>Human Reproduction</i> , 2014, 29, 2269-2277.  | 0.9 | 26        |
| 25 | Human mesenchymal stem cells enhance the systemic effects of radiotherapy. <i>Oncotarget</i> , 2015, 6, 31164-31180.  | 1.8 | 26        |
| 26 | Direct and bystander radiation effects: A biophysical model and clinical perspectives. <i>Cancer Letters</i> , 2015, 356, 5-16.   | 7.2 | 25        |
| 27 | Human Decidual Stromal Cells Protect Lymphocytes from Apoptosis. <i>Placenta</i> , 2009, 30, 677-685.   | 1.5 | 22        |
| 28 | Fetal Placental Hypoxia Does Not Result from Failure of Spiral Arterial Modification in Mice. <i>Placenta</i> , 2010, 31, 731-737.  | 1.5 | 22        |
| 29 | Expression of the Vasoactive Proteins AT1, AT2, and ANP by Pregnancy-Induced Mouse Uterine Natural Killer Cells. <i>Reproductive Sciences</i> , 2011, 18, 383-390.  | 2.5 | 22        |
| 30 | HDAC inhibitors with different gene regulation activities depend on the mitochondrial pathway for the sensitization of leukemic T cells to TRAIL-induced apoptosis. <i>Cancer Letters</i> , 2010, 297, 91-100.  | 7.2 | 21        |
| 31 | Estrogen- and Progesterone (P4)-Mediated Epigenetic Modifications of Endometrial Stromal Cells (EnSCs) and/or Mesenchymal Stem/Stromal Cells (MSCs) in the Etiopathogenesis of Endometriosis. <i>Stem Cell Reviews and Reports</i> , 2021, 17, 1174-1193.   | 3.8 | 20        |
| 32 | Activation-induced apoptosis in Jurkat cells through a myc-independent mechanism. <i>Molecular Immunology</i> , 1995, 32, 947-955.  | 2.2 | 17        |
| 33 | Interferon-Gamma and TRAIL in Human Breast Tumor Cells. <i>Vitamins and Hormones</i> , 2004, 67, 291-318.   | 1.7 | 11        |
| 34 | Orphan Receptor Kinase ROR2 is Expressed in the Mouse Uterus. <i>Placenta</i> , 2010, 31, 327-333.  | 1.5 | 11        |
| 35 | BNCT research activities at the Granada group and the project NeMeSis: Neutrons for medicine and sciences, towards an accelerator-based facility for new BNCT therapies, medical isotope production and other scientific neutron applications. <i>Applied Radiation and Isotopes</i> , 2020, 165, 109247. | 1.5 | 9         |
| 36 | Decidualization modulates the mesenchymal stromal/stem cell and pericyte characteristics of human decidual stromal cells. Effects on antigen expression, chemotactic activity on monocytes and antitumoral activity. <i>Journal of Reproductive Immunology</i> , 2021, 145, 103326.                       | 1.9 | 8         |

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|----|---|-----|-----------|
| 37 | Endometrial and decidual stromal precursors show a different decidualization capacity. <i>Reproduction</i> , 2020, 160, 83-91.  | 2.6 | 8         |
| 38 | Menstrual blood-derived stromal cells modulate functional properties of mouse and human macrophages. <i>Scientific Reports</i> , 2020, 10, 21389.   | 3.3 | 7         |
| 39 | A simple approximation for the evaluation of the photon iso-effective dose in Boron Neutron Capture Therapy based on dose-independent weighting factors. <i>Applied Radiation and Isotopes</i> , 2020, 157, 109018. | 1.5 | 6         |
| 40 | Neutron radiobiology studies with a pure cold neutron beam. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 2020, 462, 24-31.  | 1.4 | 5         |
| 41 | Thermal Neutron Relative Biological Effectiveness Factors for Boron Neutron Capture Therapy from In Vitro Irradiations. <i>Cells</i> , 2020, 9, 2144.   | 4.1 | 1         |
| 42 | Radiobiology data of melanoma cells after low-energy neutron irradiation and boron compound administration. <i>Applied Radiation and Isotopes</i> , 2020, 163, 109205.  | 1.5 | 1         |