

# Gabriella Rainaldi

## List of Publications by Year in descending order

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Version: 2024-02-01

48  
papers

1,934  
citations

361296

20  
h-index

254106

43  
g-index

48  
all docs

48  
docs citations

48  
times ranked

2640  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Protective Effect of N-Acetylcysteine in Tumor Necrosis Factor- $\alpha$ -Induced Apoptosis in U937 Cells: The Role of Mitochondria. <i>Experimental Cell Research</i> , 1995, 220, 232-240.  | 1.2 | 273       |
| 2  | Three-Dimensional Spheroid Model in Tumor Biology. <i>Pathobiology</i> , 1999, 67, 148-157.   | 1.9 | 239       |
| 3  | Apoptosis, cell adhesion and the extracellular matrix in the three-dimensional growth of multicellular tumor spheroids. <i>Critical Reviews in Oncology/Hematology</i> , 2000, 36, 75-87.   | 2.0 | 150       |
| 4  | The HIV-1 vpr Protein Acts as a Negative Regulator of Apoptosis in a Human Lymphoblastoid T Cell Line: Possible Implications for the Pathogenesis of AIDS. <i>Journal of Experimental Medicine</i> , 1998, 187, 403-413.                                | 4.2 | 142       |
| 5  | Cellular effects of extremely low frequency (ELF) electromagnetic fields. <i>International Journal of Radiation Biology</i> , 2009, 85, 294-313.  | 1.0 | 92        |
| 6  | The A3Adenosine Receptor Mediates Cell Spreading, Reorganization of Actin Cytoskeleton, and Distribution of Bcl-xL: Studies in Human Astrogloma Cells. <i>Biochemical and Biophysical Research Communications</i> , 1997, 241, 297-304.                 | 1.0 | 88        |
| 7  | Sendai Virus and Herpes Virus Type 1 Induce Apoptosis in Human Peripheral Blood Mononuclear Cells. <i>Experimental Cell Research</i> , 1995, 218, 63-70.  | 1.2 | 65        |
| 8  | The HIV-1 gp120 causes ultrastructural changes typical of apoptosis in the rat cerebral cortex. <i>NeuroReport</i> , 1996, 7, 1722-1724.  | 0.6 | 60        |
| 9  | Linking estrogen receptor $\beta$ expression with inflammatory bowel disease activity. <i>Oncotarget</i> , 2015, 6, 40443-40451.  | 0.8 | 58        |
| 10 | Lipid raft disruption protects mature neurons against amyloid oligomer toxicity. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2010, 1802, 406-415.   | 1.8 | 55        |
| 11 | Oxidative Stress Leads to a Rapid Alteration of Transferrin Receptor Intravesicular Trafficking. <i>Experimental Cell Research</i> , 1998, 241, 102-116.  | 1.2 | 50        |
| 12 | Metabolomics Using $^1\text{H-NMR}$ of Apoptosis and Necrosis in HL60 Leukemia Cells: Differences between the Two Types of Cell Death and Independence from the Stimulus of Apoptosis Used. <i>Radiation Research</i> , 2008, 169, 170-180.             | 0.7 | 45        |
| 13 | MG-63 human osteosarcoma cells grown in monolayer and as three-dimensional tumor spheroids present a different metabolic profile: a $^1\text{H NMR}$ study. <i>FEBS Letters</i> , 2004, 557, 148-154.   | 1.3 | 43        |
| 14 | Extremely low frequency (ELF) magnetic fields and apoptosis: a review. <i>International Journal of Radiation Biology</i> , 2005, 81, 1-11.  | 1.0 | 41        |
| 15 | The relationship between $^1\text{H-NMR}$ mobile lipid intensity and cholesterol in two human tumor multidrug resistant cell lines (MCF-7 and LoVo). <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2001, 1531, 111-131. | 1.2 | 40        |
| 16 | Modulation of osteosarcoma cell growth and differentiation by silane-modified surfaces. <i>Journal of Biomedical Materials Research Part B</i> , 2001, 55, 338-349.   | 3.0 | 36        |
| 17 | 3-Aminobenzamide Protects Cells from UV-B-Induced Apoptosis by Acting on Cytoskeleton and Substrate Adhesion. <i>Biochemical and Biophysical Research Communications</i> , 1995, 207, 715-724.  | 1.0 | 35        |
| 18 | Effects of a 50 Hz sinusoidal magnetic field on cell adhesion molecule expression in two human osteosarcoma cell lines (MG-63 and Saos-2). <i>Bioelectromagnetics</i> , 2003, 24, 327-338.  | 0.9 | 33        |

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|----|--|-----|-----------|
| 19 | Cell Death Protection by 3-Aminobenzamide and Other Poly(ADP-Ribose)polymerase Inhibitors: Different Effects on Human Natural Killer and Lymphokine-Activated Killer Cell Activities. <i>Biochemical and Biophysical Research Communications</i> , 1994, 199, 525-530.                                 | 1.0 | 32        |
| 20 | Induction of apoptosis in HT-29 cells infected with SA-11 rotavirus. , 1996, 50, 325-334.  |     | 32        |
| 21 | Positively charged polymer polylysine-induced cell adhesion molecule redistribution in K562 cells. <i>Journal of Materials Science: Materials in Medicine</i> , 1998, 9, 755-760.  | 1.7 | 31        |
| 22 | Comparative study on the induction of cytostasis and apoptosis by ICI 182,780 and tamoxifen in an estrogen receptor-negative ovarian cancer cell line. , 1998, 76, 47-54.  |     | 23        |
| 23 | Different susceptibilities to cell death induced by t-butylhydroperoxide could depend upon cell histotype-associated growth features. <i>Cell Biology and Toxicology</i> , 1994, 10, 207-218.  | 2.4 | 20        |
| 24 | Tumor necrosis factor $\hat{\pm}$ is a powerful apoptotic inducer in lymphoid leukemic cells expressing the P-170 glycoprotein. , 1996, 67, 238-247.   |     | 20        |
| 25 | Post-translational up-regulation of the cell surface-associated $\hat{\pm}$ component of the human type I interferon receptor during differentiation of peripheral blood monocytes: role in the biological response to type I interferon. <i>European Journal of Immunology</i> , 1997, 27, 1075-1081. | 1.6 | 17        |
| 26 | Increases in $^1\text{H-NMR}$ Mobile Lipids are not Always Associated with Overt Apoptosis: Evidence from MG-63 Human Osteosarcoma Three-Dimensional Spheroids Exposed to a Low Dose (2 Gy) of Ionizing Radiation. <i>Radiation Research</i> , 2006, 165, 131-141.                                     | 0.7 | 17        |
| 27 | N-acetyl-cysteine enhances cell adhesion properties of epithelial and lymphoid cells.. <i>Cell Biology International</i> , 1995, 19, 681-686.  | 1.4 | 15        |
| 28 | Thiol supplier N-acetylcysteine enhances conjugate formation between natural killer cells and K562 or U937 targets but increases the lytic function only against the latter. <i>Immunology Letters</i> , 1994, 43, 209-214.  | 1.1 | 14        |
| 29 | Fibronectin facilitates adhesion of K562 leukemic cells normally growing in suspension to cationic surfaces. <i>Journal of Biomedical Materials Research Part B</i> , 2001, 55, 104-113.   | 3.0 | 14        |
| 30 | Temporal Dynamics of $^1\text{H-NMR}$ -Visible Metabolites during Radiation-Induced Apoptosis in MG-63 Human Osteosarcoma Spheroids. <i>Radiation Research</i> , 2006, 166, 734-745.   | 0.7 | 14        |
| 31 | 3-Aminobenzamide Induces Cytoskeleton Rearrangement in M14 Melanoma-Cells. <i>Biochemical and Biophysical Research Communications</i> , 1994, 202, 915-922.  | 1.0 | 12        |
| 32 | Actin Cytoskeleton as a Target for 2-Chloro Adenosine: Evidence for Induction of Apoptosis in C2C12 Myoblastic Cells. <i>Biochemical and Biophysical Research Communications</i> , 1997, 238, 361-366.   | 1.0 | 12        |
| 33 | Environmental Fine Particulate Matter (PM 2.5) Activates the RAW 264.7 Macrophage Cell Line Even at Very Low Concentrations as Revealed by $^1\text{H NMR}$ . <i>Chemical Research in Toxicology</i> , 2004, 17, 63-74.  | 1.7 | 12        |
| 34 | A 700 MHz $^1\text{H-NMR}$ study reveals apoptosis-like behavior in human K562 erythroleukemic cells exposed to a 50 Hz sinusoidal magnetic field. <i>International Journal of Radiation Biology</i> , 2005, 81, 97-113.   | 1.0 | 12        |
| 35 | A new, striking morphological alteration of P-glycoprotein expression in NK cells from AIDS patients. <i>Immunology Letters</i> , 1998, 60, 19-21.   | 1.1 | 10        |
| 36 | Forced adhesive growth of K562 leukemic cells that normally grow in suspension induces variations in membrane lipids and energy metabolism: A proton NMR study. , 1999, 46, 171-178.   |     | 10        |

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|----|---|-----|-----------|
| 37 | Hypoxia and Ionizing Radiation: Changes in Adhesive Properties and Cell Adhesion Molecule Expression in MG-63 Three-Dimensional Tumor Spheroids. <i>Cell Communication and Adhesion</i> , 2006, 13, 185-198.  | 1.0 | 10        |
| 38 | Antiproliferative Activity of 3-Aminobenzamide in A431 Carcinoma Cells Is Associated with a Target Effect on Cytoskeleton. <i>Biochemical and Biophysical Research Communications</i> , 1996, 225, 826-832.   | 1.0 | 9         |
| 39 | A 50 Hz sinusoidal magnetic field does not damage MG-63 three-dimensional tumor spheroids but induces changes in their invasive properties. <i>Bioelectromagnetics</i> , 2006, 27, 132-141.   | 0.9 | 9         |
| 40 | Cell Death Protection by 3-Aminobenzamide: Impairment of Cytoskeleton Function in Human NK Cell-Mediated Killing. <i>Biochemical and Biophysical Research Communications</i> , 1994, 199, 1250-1255.  | 1.0 | 8         |
| 41 | P-170 glycoprotein (P-170) is involved in the impairment of natural killer cell-mediated cytotoxicity in HIV+ patients. <i>Immunology Letters</i> , 1995, 47, 223-226.  | 1.1 | 7         |
| 42 | Influence of thiol balance on micellar cholesterol handling by polarized Caco-2 intestinal cells. <i>FEBS Letters</i> , 2003, 551, 165-170.   | 1.3 | 7         |
| 43 | The oxidizing agent menadione induces an increase in the intracellular molecular oxygen concentration in K562 and A431 cells: Direct measurement using the new paramagnetic EPR probe fusicite. <i>Free Radical Biology and Medicine</i> , 1996, 20, 915-924. | 1.3 | 6         |
| 44 | Cytoskeletal rearrangement in K562 erythroleukaemic cells forced to grow on a positively charged polymer surface. <i>Journal of Materials Science: Materials in Medicine</i> , 1999, 10, 613-620.   | 1.7 | 5         |
| 45 | Increased cell compaction can augment the resistance of HT-29 human colon adenocarcinoma spheroids to ionizing radiation. <i>International Journal of Oncology</i> , 2006, 28, 111.   | 1.4 | 4         |
| 46 | Three-dimensional cell organization leads to a different type of ionizing radiation-induced cell death: MG-63 monolayer cells undergo mitotic catastrophe while spheroids die of apoptosis. <i>International Journal of Oncology</i> , 2007, , .              | 1.4 | 4         |
| 47 | Bovine Lactoferrin-Induced CCL1 Expression Involves Distinct Receptors in Monocyte-Derived Dendritic Cells and Their Monocyte Precursors. <i>Toxins</i> , 2015, 7, 5472-5483.   | 1.5 | 3         |
| 48 | 3D (Three-Dimensional) Caco-2 Spheroids: Optimized in vitro Protocols to Favor Their Differentiation Process and to Analyze Their Cell Growth Behavior. <i>Journal of Pharmacy and Pharmacology</i> , 2016, 4, .  | 0.1 | 0         |