

Gabriella Rainaldi

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

46
papers

1,705
citations

21
h-index

41
g-index

48
ext. papers

1,805
ext. citations

4.6
avg, IF

3.77
L-index

#	Paper	IF	Citations
46	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, 232-40	4.2	259
45	Three-dimensional spheroid model in tumor biology. <i>Pathobiology</i> , 1999 , 67, 148-57	3.6	208
44	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	7	134
43	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, 403-13	16.6	131
42	The A3 adenosine 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	3.4	79
41	Cellular effects of extremely low frequency (ELF) electromagnetic fields. <i>International Journal of Radiation Biology</i> , 2009 , 85, 294-313	2.9	71
40	The HIV-1 gp120 causes ultrastructural changes typical of apoptosis in the rat cerebral cortex. <i>NeuroReport</i> , 1996 , 7, 1722-4	1.7	58
39	Sendai virus and herpes virus type 1 induce apoptosis in human peripheral blood mononuclear cells. <i>Experimental Cell Research</i> , 1995 , 218, 63-70	4.2	55
38	Oxidative stress leads to a rapid alteration of transferrin receptor intravesicular trafficking. <i>Experimental Cell Research</i> , 1998 , 241, 102-16	4.2	47
37	Lipid raft disruption protects mature neurons against amyloid oligomer toxicity. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2010 , 1802, 406-15	6.9	46
36	Linking estrogen receptor expression with inflammatory bowel disease activity. <i>Oncotarget</i> , 2015 , 6, 40443-51	3.3	44
35	Metabolomics using 1H-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, 170-80	3.1	41
34	Extremely low frequency (ELF) magnetic fields and apoptosis: a review. <i>International Journal of Radiation Biology</i> , 2005 , 81, 1-11	2.9	35
33	MG-63 human osteosarcoma cells grown in monolayer and as three-dimensional tumor spheroids present a different metabolic profile: a (1)H NMR study. <i>FEBS Letters</i> , 2004 , 557, 148-54	3.8	35
32	The relationship between 1H-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, 111-31	5	35
31	Modulation of osteosarcoma cell growth and differentiation by silane-modified surfaces. <i>Journal of Biomedical Materials Research Part B</i> , 2001 , 55, 338-49		34
30	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, 715-24	3.4	34

29	Induction of apoptosis in HT-29 cells infected with SA-11 rotavirus. <i>Journal of Medical Virology</i> , 1996 , 50, 325-34	19.7	30
28	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, 525-30	3.4	30
27	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, 327-38	1.6	28
26	Positively charged polymer polylysine-induced cell adhesion molecule redistribution in K562 cells. <i>Journal of Materials Science: Materials in Medicine</i> , 1998 , 9, 755-60	4.5	23
25	Tumor necrosis factor alpha is a powerful apoptotic inducer in lymphoid leukemic cells expressing the P-170 glycoprotein. <i>International Journal of Cancer</i> , 1996 , 67, 238-47	7.5	19
24	Comparative study on the induction of cytostasis and apoptosis by ICI 182,780 and tamoxifen in an estrogen receptor-negative ovarian cancer cell line. <i>International Journal of Cancer</i> , 1998 , 76, 47-54	7.5	18
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, 207-18	7.4	18
22	Post-translational up-regulation of the cell surface-associated alpha 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, 1075-81	6.1	15
21	Increases in 1H-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, 131-41	3.1	13
20	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, 209-14	4.1	13
19	N-acetyl-cysteine enhances cell adhesion properties of epithelial and lymphoid cells. <i>Cell Biology International</i> , 1995 , 19, 681-6	4.5	13
18	Environmental fine particulate matter (PM 2.5) activates the RAW 264.7 macrophage cell line even at very low concentrations as revealed by 1H NMR. <i>Chemical Research in Toxicology</i> , 2004 , 17, 63-74	4	12
17	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, 104-13		12
16	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, 361-6	3.4	11
15	3-Aminobenzamide induces cytoskeleton rearrangement in M14 melanoma cells. <i>Biochemical and Biophysical Research Communications</i> , 1994 , 202, 915-22	3.4	11
14	A new, striking morphological alteration of P-glycoprotein expression in NK cells from AIDS patients. <i>Immunology Letters</i> , 1998 , 60, 19-21	4.1	10
13	Temporal dynamics of 1H-NMR-visible metabolites during radiation-induced apoptosis in MG-63 human osteosarcoma spheroids. <i>Radiation Research</i> , 2006 , 166, 734-45	3.1	10
12	A 700 MHz 1H-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 ^{2.9}		10

11	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, 826-32	3-4	8
10	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, 1250-5	3-4	8
9	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, 132-41	1.6	7
8	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, 185-98		7
7	Influence of thiol balance on micellar cholesterol handling by polarized Caco-2 intestinal cells. <i>FEBS Letters</i> , 2003 , 551, 165-70	3.8	7
6	Forced adhesive growth of K562 leukemic cells that normally grow in suspension induces variations in membrane lipids and energy metabolism: a proton NMR study. <i>Journal of Biomedical Materials Research Part B</i> , 1999 , 46, 171-8		7
5	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, 223-6	4.1	6
4	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 fusinite. <i>Free Radical Biology and Medicine</i> , 1996 , 20, 915-24	7.8	5
3	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, 613-20	4.5	4
2	Bovine Lactoferrin-Induced CCL1 Expression Involves Distinct Receptors in Monocyte-Derived Dendritic Cells and Their Monocyte Precursors. <i>Toxins</i> , 2015 , 7, 5472-83	4.9	2
1	Increased cell compaction can augment the resistance of HT-29 human colon adenocarcinoma spheroids to ionizing radiation 2006 , 28, 111		2