Giuliana Muzio

List of Publications by Year
in descending order

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59 papers	1,785 citations	236612 25 h-index	288905 40 g-index
61 all docs	61 docs citations	61 times ranked	2403 citing authors

#	Article	IF	Citations
1	Cytokines and Growth Factors Involved in the Osseointegration of Oral Titanium Implants Positioned Using Piezoelectric Bone Surgery Versus a Drill Technique: A Pilot Study in Minipigs. Journal of Periodontology, 2007, 78, 716-722.	1.7	181
2	In vitro study of manganese-doped bioactive glasses for bone regeneration. Materials Science and Engineering C, 2014, 38, 107-118.	3.8	105
3	Effect of n-3 fatty acids on patients with advanced lung cancer: a double-blind, placebo-controlled study. British Journal of Nutrition, 2012, 108, 327-333.	1.2	101
4	Role of aldehyde metabolizing enzymes in mediating effects of aldehyde products of lipid peroxidation in liver cells. Carcinogenesis, 1994, 15, 1359-1364.	1.3	93
5	Biocompatible glassâ€“ceramic materials for bone substitution. Journal of Materials Science: Materials in Medicine, 2008, 19, 471-478.	1.7	81
6	Arachidonic and docosahexaenoic acids reduce the growth of A549 human lung-tumor cells increasing lipid peroxidation and PPARs. Chemico-Biological Interactions, 2007, 165, 239-250.	1.7	77
7	Superpulsed laser irradiation increases osteoblast activity via modulation of bone morphogenetic factors. Lasers in Surgery and Medicine, 2009, 41, 298-304.	1.1	59
8	Mitochondrial Dysfunction in Cancer and Neurodegenerative Diseases: Spotlight on Fatty Acid Oxidation and Lipoperoxidation Products. Antioxidants, 2016, 5, 7.	2.2	55
9	The impact of plasma rich in growth factors on clinical and biological factors involved in healing processes after third molar extraction. Journal of Biomedical Materials Research - Part A, 2010, 95A, 741-746.	2.1	53
10	Influence of Superpulsed Laser Therapy on Healing Processes Following Tooth Extraction. Photomedicine and Laser Surgery, 2011, 29, 565-571.	2.1	49
11	Arachidonic acid suppresses growth of human lung tumor A549 cells through down-regulation of ALDH3A1 expression. Free Radical Biology and Medicine, 2006, 40, 1929-1938.	1.3	48
12	Impact of the Ï‰â€3 to Ï‰â€6 Polyunsaturated Fatty Acid Ratio on Cytokine Release in Human Alveolar Cells. Journal of Parenteral and Enteral Nutrition, 2011, 35, 114-121.	1.3	42
13	Control of Oxidative Stress in Cancer Chemoresistance: Spotlight on Nrf2 Role. Antioxidants, 2021, 10, 510.	2.2	39
14	Involvement of PPARÎ± and PPARÎ³ in apoptosis and proliferation of human hepatocarcinoma HepG2 cells. Cell Biochemistry and Function, 2010, 28, 571-577.	1.4	35
15	Fatty acid composition of phospholipids in mitochondria and microsomes during diethylnitrosamine carcinogenesis in rat liver. Cell Biochemistry and Function, 1989, 7, 11-19.	1.4	33
16	Dose-dependent inhibition of cell proliferation induced by lipid peroxidation products in rat hepatoma cells after enrichment with arachidonic acid. Lipids, 1999, 34, 705-711.	0.7	33
17	Inhibition of Class-3 aldehyde dehydrogenase and cell growth by restored lipid peroxidation in hepatoma cell lines. Free Radical Biology and Medicine, 1999, 26, 333-340.	1.3	33
18	Oxidative Stress-Related Mechanisms in Melanoma and in the Acquired Resistance to Targeted Therapies. Antioxidants, 2021, 10, 1942.	2.2	33

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19	New Data on Kinetics of Lipid Peroxidation in Experimental Hepatomas and Preneoplastic Nodules. Toxicologic Pathology, 1986, 14, 404-410.	0.9	31
20	Effects of Di(2-Ethylhexyl) Phthalate, A Widely Used Peroxisome Proliferator and Plasticizer, on Cell Growth in the Human Keratinocyte Cell Line NCTC 2544. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2006, 69, 353-365.	1.1	31
21	PPARÎ± and PP2A are involved in the proapoptotic effect of conjugated linoleic acid on human hepatoma cell line SKâ€HEPâ€1. International Journal of Cancer, 2007, 121, 2395-2401.	2.3	31
22	Tissue protein turnover during liver carcinogenesis. Carcinogenesis, 1993, 14, 2581-2587.	1.3	28
23	Peroxisome Proliferators Induce Apoptosis in Hepatoma Cells. Cancer Detection and Prevention, 1998, 22, 357-366.	2.1	28
24	Oral mucosa produces cytokines and factors influencing osteoclast activity and endothelial cell proliferation, in patients with osteonecrosis of jaw after treatment with zoledronic acid. Clinical Oral Investigations, 2013, 17, 1259-1266.	1.4	27
25	The effect of a novel irreversible inhibitor of aldehyde dehydrogenases 1 and 3 on tumour cell growth and death. Chemico-Biological Interactions, 2001, 130-132, 209-218.	1.7	26
26	Agmatine inhibits the proliferation of rat hepatoma cells by modulation of polyamine metabolism. Journal of Hepatology, 2003, 39, 793-799.	1.8	24
27	Peroxisome Proliferator-Activated Receptors (PPARs) and Oxidative Stress in Physiological Conditions and in Cancer. Antioxidants, 2021, 10, 1734.	2.2	24
28	Biocompatibility versus peritoneal mesothelial cells of polypropylene prostheses for hernia repair, coated with a thin silica/silver layer. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2017, 105, 1586-1593.	1.6	23
29	Increase in class 2 aldehyde dehydrogenase expression by arachidonic acid in rat hepatoma cells. Biochemical Journal, 2001, 357, 811-818.	1.7	22
30	Shock Waves Induce Activity of Human Osteoblast-Like Cells in Bioactive Scaffolds. Journal of Trauma, 2010, 68, 1439-1444.	2.3	20
31	Increase in class 2 aldehyde dehydrogenase expression by arachidonic acid in rat hepatoma cells. Biochemical Journal, 2001, 357, 811.	1.7	18
32	Mechanisms involved in growth inhibition induced by clofibrate in hepatoma cells. Toxicology, 2003, 187, 149-159.	2.0	18
33	Biocompatibility and Antibacterial Effect of Silver Doped 3D-Glass-Ceramic Scaffolds for Bone Grafting. Journal of Biomaterials Applications, 2011, 25, 595-617.	1.2	18
34	Key role of the expression of bone morphogenetic proteins in increasing the osteogenic activity of osteoblast-like cells exposed to shock waves and seeded on bioactive glass-ceramic scaffolds for bone tissue engineering. Journal of Biomaterials Applications, 2014, 29, 728-736.	1.2	18
35	Innovative superparamagnetic iron-oxide nanoparticles coated with silica and conjugated with linoleic acid: Effect on tumor cell growth and viability. Materials Science and Engineering C, 2017, 76, 439-447.	3.8	18
36	Polypropylene prostheses coated with silver nanoclusters/silica coating obtained by sputtering: Biocompatibility and antibacterial properties. Surface and Coatings Technology, 2017, 319, 326-334.	2.2	18

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37	Changes of CYP1A1, GST, and ALDH3 enzymes in hepatoma cell lines undergoing enhanced lipid peroxidation. Free Radical Biology and Medicine, 2000, 29, 1186-1196.	1.3	15
38	CLA Reduces Inflammatory Mediators from A427 Human Lung Cancer Cells and A427 Conditioned Medium Promotes Differentiation of C2C12 Murine Muscle Cells. Lipids, 2013, 48, 29-38.	0.7	15
39	Colonization by human fibroblasts of polypropylene prosthesis in a composite form for hernia repair. Hernia: the Journal of Hernias and Abdominal Wall Surgery, 2013, 17, 241-248.	0.9	15
40	Superpulsed laser therapy on healing process after tooth extraction in patients waiting for liver transplantation. Lasers in Medical Science, 2012, 27, 353-359.	1.0	14
41	Inhibition of cytosolic class 3 aldehyde dehydrogenase by antisense oligonucleotides in rat hepatoma cells. Chemico-Biological Interactions, 2001, 130-132, 219-225.	1.7	13
42	Antisense oligonucleotides against aldehyde dehydrogenase 3 inhibit hepatoma cell proliferation by affecting MAP kinases. Chemico-Biological Interactions, 2003, 143-144, 37-43.	1.7	13
43	PPARs are mediators of anti-cancer properties of superparamagnetic iron oxide nanoparticles (SPIONs) functionalized with conjugated linoleic acid. Chemico-Biological Interactions, 2018, 292, 9-14.	1.7	13
44	Apoptosis induced by clofibrate in Yoshida AH-130 hepatoma cells. Journal of Lipid Research, 2003, 44, 56-64.	2.0	12
45	Conjugated linoleic acid prevents cell growth and cytokine production induced by TPA in human keratinocytes NCTC 2544. Cancer Letters, 2010, 287, 62-66.	3.2	12
46	Autophagy Triggers Tamoxifen Resistance in Human Breast Cancer Cells by Preventing Drug-Induced Lysosomal Damage. Cancers, 2021, 13, 1252.	1.7	12
47	Role of rhBMP-7, Fibronectin, And Type I Collagen in Dental Implant Osseointegration Process: An Initial Pilot Study on Minipig Animals. Materials, 2021, 14, 2185.	1.3	12
48	Decreased Polyunsaturated Fatty Acid Content Contributes to Increased Survival in Human Colon Cancer. Journal of Oncology, 2009, 2009, 1-9.	0.6	10
49	Aldehyde dehydrogenase 3 expression is decreased by clofibrate via PPAR gamma induction in JM2 rat hepatoma cell line. Chemico-Biological Interactions, 2003, 143-144, 29-35.	1.7	9
50	Differences in cell proliferation in rodent and human hepatic derived cell lines exposed to ciprofibrate. Cancer Letters, 2005, 222, 217-226.	3.2	8
51	The Omega-3 Fatty Acid Docosahexaenoic Acid Modulates Inflammatory Mediator Release in Human Alveolar Cells Exposed to Bronchoalveolar Lavage Fluid of ARDS Patients. BioMed Research International, 2015, 2015, 1-11.	0.9	8
52	Comparative subcellular distribution of benzaldehyde and acetaldehyde dehydrogenase activities in two hepatoma cell lines and in normal hepatocytes. Cell Biochemistry and Function, 1991, 9, 149-154.	1.4	7
53	Oxygen Free Radicals Are Not the Main Factor in Experimental Gentarnicin Nephrotoxicity. Renal Failure, 1994, 16, 445-455.	0.8	7
54	4-Hydroxynonenal Metabolism by Aldo/Keto Reductase in Hepatoma Cells. Advances in Experimental Medicine and Biology, 1999, 463, 445-452.	0.8	5

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55	Glutathione Synthesis in Normal Liver and in Yoshida AH-130 Hepatoma. Toxicologic Pathology, 1986, 14, 415-416.	0.9	4
56	Biomolecular, Histological, Clinical, and Radiological Analyses of Dental Implant Bone Sites Prepared Using Magnetic Mallet Technology: A Pilot Study in Animals. Materials, 2021, 14, 6945.	1.3	4
57	Enzymes Metabolizing Aldehydes in HL-60 Human Leukemic Cells. Advances in Experimental Medicine and Biology, 1999, 463, 517-522.	0.8	2
58	Oxidative Stress and Inflammatory Factors in Lung Cancer. , 2014, , 203-210.		1
59	Correlation between peroxidable substrate and lipid peroxidation in rat hepatoma microsomes. Free Radical Biology and Medicine, 1990, 9, 170.	1.3	0