

Giuseppe Palumbo

List of Publications by Year in descending order

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85
papers

2,920
citations

136950

32
h-index

175258

52
g-index

86
all docs

86
docs citations

86
times ranked

4421
citing authors

#	ARTICLE	IF	CITATIONS
1	17 β -Estradiol Inhibits Apoptosis in MCF-7 Cells, Inducing <i>bcl-2</i> Expression via Two Estrogen-Responsive Elements Present in the Coding Sequence. <i>Molecular and Cellular Biology</i> , 2000, 20, 2890-2901.	2.3	317
2	A fluorimetric method for the estimation of the critical micelle concentration of surfactants. <i>Analytical Biochemistry</i> , 1981, 115, 278-286.	2.4	219
3	Targeted gene transfer in eucaryotic cells by dye-assisted laser optoporation. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 1996, 36, 41-46.	3.8	101
4	Genotype-Phenotype Relationship in Human ATP6i-Dependent Autosomal Recessive Osteopetrosis. <i>American Journal of Pathology</i> , 2003, 162, 57-68.	3.8	97
5	Enhancing Photodynamic Therapy Efficacy by Combination Therapy: Dated, Current and Oncoming Strategies. <i>Cancers</i> , 2011, 3, 2597-2629.	3.7	93
6	Negative depletion of $\gamma\delta$ T cells and of CD19+ B lymphocytes: A novel frontier to optimize the effect of innate immunity in HLA-mismatched hematopoietic stem cell transplantation. <i>Immunology Letters</i> , 2013, 155, 21-23.	2.5	90
7	Photodynamic therapy and cancer: a brief sightseeing tour. <i>Expert Opinion on Drug Delivery</i> , 2007, 4, 131-148.	5.0	87
8	Ex vivo expansion of mesenchymal stromal cells. <i>Best Practice and Research in Clinical Haematology</i> , 2011, 24, 73-81.	1.7	76
9	Photodynamic and Antibiotic Therapy in Combination to Fight Biofilms and Resistant Surface Bacterial Infections. <i>International Journal of Molecular Sciences</i> , 2015, 16, 20417-20430.	4.1	75
10	Low doses of cisplatin or gemcitabine plus Photofrin/photodynamic therapy: Disjointed cell cycle phase-related activity accounts for synergistic outcome in metastatic non-small cell lung cancer cells (H1299). <i>Molecular Cancer Therapeutics</i> , 2006, 5, 776-785.	4.1	73
11	Ataxia Telangiectasia Mutated and p21CIP1 Modulate Cell Survival of Drug-Induced Senescent Tumor Cells: Implications for Chemotherapy. <i>Clinical Cancer Research</i> , 2008, 14, 1877-1887.	7.0	70
12	Decreased low-density lipoprotein oxidation after repeated selective apheresis in homozygous familial hypercholesterolemia. <i>American Heart Journal</i> , 1997, 133, 585-595.	2.7	64
13	1,4-Dihydropyridine Calcium Channel Blockers Inhibit Plasma and LDL Oxidation and Formation of Oxidation-Specific Epitopes in the Arterial Wall and Prolong Survival in Stroke-Prone Spontaneously Hypertensive Rats. <i>Stroke</i> , 1999, 30, 1907-1915.	2.0	61
14	Modulation by α - and β -tocopherol and oxidized low-density lipoprotein of apoptotic signaling in human coronary smooth muscle cells. <i>Biochemical Pharmacology</i> , 2000, 59, 1477-1487.	4.4	61
15	Photodynamic therapy with indocyanine green complements and enhances low-dose cisplatin cytotoxicity in MCF-7 breast cancer cells. <i>Molecular Cancer Therapeutics</i> , 2004, 3, 537-44.	4.1	60
16	NF- κ B-dependent cytokine secretion controls Fas expression on chemotherapy-induced premature senescent tumor cells. <i>Oncogene</i> , 2011, 30, 2707-2717.	5.9	58
17	Bcl-2 activates a programme of premature senescence in human carcinoma cells. <i>Biochemical Journal</i> , 2003, 375, 263-274.	3.7	55
18	Targets and Mechanisms of Photodynamic Therapy in Lung Cancer Cells: A Brief Overview. <i>Cancers</i> , 2011, 3, 1014-1041.	3.7	55

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19	Oxidative structural modifications of low density lipoprotein in homozygous familial hypercholesterolemia. <i>Atherosclerosis</i> , 1995, 118, 259-273.	0.8	53
20	Central Role of the Scaffold Protein Tumor Necrosis Factor Receptor-associated Factor 2 in Regulating Endoplasmic Reticulum Stress-induced Apoptosis. <i>Journal of Biological Chemistry</i> , 2006, 281, 2631-2638.	3.4	53
21	The self-association of apoA-II, an apoprotein of the human high density lipoprotein complex. <i>Archives of Biochemistry and Biophysics</i> , 1975, 170, 204-212.	3.0	46
22	Roscovitine Modulates DNA Repair and Senescence: Implications for Combination Chemotherapy. <i>Clinical Cancer Research</i> , 2005, 11, 8158-8171.	7.0	43
23	Synthesis and Evaluation of Folate-Based Chlorambucil Delivery Systems for Tumor-Targeted Chemotherapy. <i>Bioconjugate Chemistry</i> , 2012, 23, 84-96.	3.6	43
24	Involvement of oxygen radicals in cytarabine-induced apoptosis in human polymorphonuclear cells Abbreviations: ROS, reactive oxygen species; PMNs, polymorphonuclear neutrophils; SOD, superoxide dismutase; Ara-C, cytarabine; Ara-CTP, cytarabine 5'-triphosphate; O ₂ ⁻ , superoxide anion; H ₂ O ₂ , hydrogen peroxide; f-MLP, N-Formyl-Met-Leu-Phe; PMA, phorbol 12-myristate 13-acetate; cyt c, cytochrome c; H7, 1-(5-isoquinolinylsulfonyl)-2-methylpiperazine; MTT,		

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37	Polyphenolic Profile and Targeted Bioactivity of Methanolic Extracts from Mediterranean Ethnomedicinal Plants on Human Cancer Cell Lines. <i>Molecules</i> , 2016, 21, 395.	3.8	25
38	The origin of the electrophoretic doublet of thyroglobulin. <i>Biochemical and Biophysical Research Communications</i> , 1992, 186, 1185-1191.	2.1	24
39	Transplantation in the onco-hematology field: Focus on the manipulation of $\hat{1}\pm\hat{1}^2$ and $\hat{1}^3\hat{1}^7$ T cells. <i>Pathology Research and Practice</i> , 2012, 208, 67-73.	2.3	24
40	A four- to sixfold enhancement in sensitivity for detecting trace proteins in dye or silver stained polyacrylamide gels. <i>Analytical Biochemistry</i> , 1983, 134, 254-258.	2.4	23
41	Down-regulation of Wild-type p53-induced Phosphatase 1 (Wip1) Plays a Critical Role in Regulating Several p53-dependent Functions in Premature Senescent Tumor Cells. <i>Journal of Biological Chemistry</i> , 2013, 288, 16212-16224.	3.4	22
42	Surface reactions of a plasma-sprayed $\text{CaO}\hat{e}\text{P}2\text{O}5\hat{e}\text{SiO}2$ -based glass with albumin, fibroblasts and granulocytes studied by XPS, fluorescence and chemiluminescence. <i>Biomaterials</i> , 2000, 21, 1531-1539.	11.4	20
43	Selective light-induced modulation of Bcl-XL and Bax expressions in indocyanine green-loaded U937 cells: effects of continuous or intermittent photo-sensitization with low IR-light using a 805-nm diode laser. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2000, 57, 66-75.	3.8	20
44	Combination of photodynamic therapy + immunotherapy + chemotherapy in murine leukemia. <i>Neoplasia</i> , 2010, 57, 184-188.	1.6	20
45	Differential Expression of Antiapoptotic Genes in Human Endometrial Carcinoma: bcl-XL Succeeds bcl-2 Function in Neoplastic Cells. <i>Gynecologic Oncology</i> , 2000, 77, 419-428.	1.4	19
46	5-aminolaevulinic acid/photo-dynamic therapy and gefitinib in non-small cell lung cancer cell lines: a potential strategy to improve gefitinib therapeutic efficacy. <i>Cell Proliferation</i> , 2013, 46, 382-395.	5.3	19
47	The use of 1-anilino naphthalene-8-sulfonate (ANS) for studying the effects of iodination on thyroglobulin conformation. <i>Archives of Biochemistry and Biophysics</i> , 1981, 212, 37-42.	3.0	17
48	Strategies to optimize the outcome of children given T-cell depleted HLA-haploidentical hematopoietic stem cell transplantation. <i>Best Practice and Research in Clinical Haematology</i> , 2011, 24, 339-349.	1.7	17
49	Biological and functional characterization of bone marrow-derived mesenchymal stromal cells from patients affected by primary immunodeficiency. <i>Scientific Reports</i> , 2017, 7, 8153.	3.3	17
50	Eltrombopag for treatment of thrombocytopenia-associated disorders. <i>Expert Opinion on Pharmacotherapy</i> , 2015, 16, 2243-2256.	1.8	16
51	Decreased Phosphorylation of Mutant Insulin Receptor by Protein Kinase C and Protein Kinase A. <i>Journal of Biological Chemistry</i> , 1995, 270, 15844-15852.	3.4	15
52	Longitudinal Evaluation of Immune Reconstitution and B-cell Function After Hematopoietic Cell Transplantation for Primary Immunodeficiency. <i>Journal of Clinical Immunology</i> , 2015, 35, 373-383.	3.8	15
53	Bcl-2 Exerts a pRb-Mediated Cell Cycle Inhibitory Function in HEC1B Endometrial Carcinoma Cells. <i>Gynecologic Oncology</i> , 2001, 81, 184-192.	1.4	14
54	Prediction of the secondary structure of the carboxy-terminal third of rat thyroglobulin. <i>Biochemical and Biophysical Research Communications</i> , 1985, 133, 766-772.	2.1	13

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55	Inhibition by glass-ionomer cements of protein synthesis by human gingival fibroblasts in continuous culture. <i>Archives of Oral Biology</i> , 1998, 43, 65-71.	1.8	13
56	Calcium-induced changes in thyroglobulin conformation. <i>Archives of Biochemistry and Biophysics</i> , 1983, 227, 351-357.	3.0	12
57	Molecular aspects of photodynamic therapy: low energy pre-sensitization of hypericin-loaded human endometrial carcinoma cells enhances photo-tolerance, alters gene expression and affects the cell cycle. <i>FEBS Letters</i> , 2002, 512, 287-290.	2.8	12
58	NF- κ B is Not Directly Responsible for Photoresistance Induced by Fractionated Light Delivery in HT-29 Colon Adenocarcinoma Cells. <i>Photochemistry and Photobiology</i> , 2010, 86, 1285-1293.	2.5	12
59	Photo-activation of hypericin with low doses of light promotes apparent photo-resistance in human histiocytic lymphoma U937 cells. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2001, 60, 87-96.	3.8	11
60	Pretargeted antibody-guided radioimmunotherapy in a child affected by resistant anaplastic large cell lymphoma. <i>European Journal of Haematology</i> , 2007, 79, 258-262.	2.2	10
61	Evidence for Homologous Repeating Segments within the Elementary Polypeptide Chain of Guinea Pig Thyroglobulin. <i>FEBS Journal</i> , 1983, 132, 215-218.	0.2	9
62	Combination of photodynamic therapy with aspirin in human-derived lung adenocarcinoma cells affects proteasome activity and induces apoptosis. <i>Cell Proliferation</i> , 2010, 43, 480-493.	5.3	9
63	Generation of Adducts of 4-Hydroxy-2-nonenal with Heat Shock 60kDa Protein 1 in Human Promyelocytic HL-60 and Monocytic THP-1 Cell Lines. <i>Oxidative Medicine and Cellular Longevity</i> , 2015, 2015, 1-13.	4.0	9
64	Photodynamic therapy with 5-aminolaevulinic acid and DNA damage: unravelling roles of p53 and ABCG2. <i>Cell Proliferation</i> , 2016, 49, 523-538.	5.3	9
65	Polypeptide chain composition of thyroglobulin*. <i>Bioscience Reports</i> , 1981, 1, 581-586.	2.4	8
66	The effects of iodination on the polypeptide heterogeneity of thyroglobulin. <i>BBA - Proteins and Proteomics</i> , 1982, 707, 98-104.	2.1	7
67	Twilight effects of low doses of ionizing radiation on cellular systems: a bird's eye view on current concepts and research. <i>Medical Oncology</i> , 2010, 27, 495-509.	2.5	7
68	Homonogenic donor Tyr2522 of bovine thyroglobulin. Insight into preferential T3 formation at thyroglobulin carboxyl terminus at low iodination level. <i>Biochemical and Biophysical Research Communications</i> , 2014, 450, 488-493.	2.1	7
69	NK cell effector functions in a ChAdiak-Higashi patient undergoing cord blood transplantation: Effects of in vitro treatment with IL-2. <i>Immunology Letters</i> , 2016, 180, 46-53.	2.5	7
70	A Dedicated Protocol and Environment for central venous Catheter removal in Pediatric Patients Affected by Onco-Hematological Diseases. <i>Journal of Vascular Access</i> , 2014, 15, 486-491.	0.9	6
71	Molecular organization of 19 S calf thyroglobulin. <i>Archives of Biochemistry and Biophysics</i> , 1984, 233, 169-173.	3.0	5
72	Occurrence of the same peroxidative compounds in low density lipoprotein and in atherosclerotic lesions from a homozygous familial hypercholesterolemic patient: a case report. <i>International Journal of Cardiology</i> , 1997, 62, 77-85.	1.7	5

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73	Association of Bcl-2 with Cyclin A/Cdk-2 Complex and Its Effects on Cdk-2 Activity. Annals of the New York Academy of Sciences, 2002, 973, 268-271.	3.8	5
74	Glycosylation enhances oxygen radical-induced modifications and decreases acetylhydrolase activity of human low density lipoprotein. Basic Research in Cardiology, 1997, 92, 96-105.	5.9	5
75	Raising Awareness of Non-Hodgkin Lymphoma in HIV-infected Adolescents. Journal of Pediatric Hematology/Oncology, 2013, 35, e134-e137.	0.6	4
76	Cells derived from normal or cancer breast tissue exhibit different growth properties when deprived of arginine. Medical Oncology, 2012, 29, 2543-2551.	2.5	3
77	Iodine-induced changes in thyroglobulin half-sized subunits. Experientia, 1983, 39, 1300-1301.	1.2	2
78	Study of chronic granulomatous disease by a nitroblue tetrazolium densitometric kinetic test: A new research method. Clinica Chimica Acta, 1993, 221, 197-202.	1.1	2
79	Trypsin-Resistant Regions of Thyroglobulin: Possible Relationship with Intermonomeric Contact Site(s). Biochemical and Biophysical Research Communications, 1993, 196, 1120-1126.	2.1	2
80	Cross-linking with dimethylsuberimide to study thyroglobulin conformation. Biochemical and Biophysical Research Communications, 1985, 127, 37-43.	2.1	1
81	Identification of Differentially Expressed mRNAs in Normal and Neoplastic (Adenocarcinoma) Human Endometrium. Gynecologic Oncology, 1996, 63, 228-233.	1.4	1
82	Antitumor activity of photodynamic therapy, adoptive immunotherapy, and chemotherapy in experimental tumor. , 2004, 5319, 71.		1
83	Early-onset monocyte-“natural killer” dendritic cells™ deficiency successfully treated with hematopoietic stem cell transplantation. Journal of Allergy and Clinical Immunology, 2011, 128, 897-900.e1.	2.9	1
84	Mitochondrial Malfunctioning, Proteasome Arrest and Apoptosis in Cancer Cells by Focused Intracellular Generation of Oxygen Radicals. International Journal of Molecular Sciences, 2015, 16, 20375-20391.	4.1	1
85	<title>Laser-assisted biotechnology: the biologist point of view</title>. , 1998, , .		0