

# Paola Stiuso

## List of Publications by Year in descending order

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94  
papers

2,823  
citations

159585

30  
h-index

197818

49  
g-index

94  
all docs

94  
docs citations

94  
times ranked

5376  
citing authors

#	ARTICLE	IF	CITATIONS
1	Exercise Training Promotes SIRT1 Activity in Aged Rats. <i>Rejuvenation Research</i> , 2008, 11, 139-150.	1.8	215
2	Molecular targets and oxidative stress biomarkers in hepatocellular carcinoma: an overview. <i>Journal of Translational Medicine</i> , 2011, 9, 171.	4.4	192
3	A new inhibitor of glucose-6-phosphate dehydrogenase blocks pentose phosphate pathway and suppresses malignant proliferation and metastasis in vivo. <i>Cell Death and Disease</i> , 2018, 9, 572.	6.3	138
4	MicroRNA-423-5p Promotes Autophagy in Cancer Cells and Is Increased in Serum From Hepatocarcinoma Patients Treated With Sorafenib. <i>Molecular Therapy - Nucleic Acids</i> , 2015, 4, e233.	5.1	122
5	Micrnas in prostate cancer: an overview. <i>Oncotarget</i> , 2017, 8, 50240-50251.	1.8	113
6	Oxidative stress and ERK1/2 phosphorylation as predictors of outcome in hepatocellular carcinoma patients treated with sorafenib plus octreotide LAR. <i>Cell Death and Disease</i> , 2011, 2, e150-e150.	6.3	81
7	Polydatin, a natural precursor of resveratrol, induces cell cycle arrest and differentiation of human colorectal Caco-2 cell. <i>Journal of Translational Medicine</i> , 2013, 11, 264.	4.4	77
8	The stress hormone norepinephrine increases migration of prostate cancer cells in vitro and in vivo. <i>International Journal of Oncology</i> , 2015, 47, 527-534.	3.3	71
9	Identification of the Spiro(oxindole-3,3'-thiazolidine)-Based Derivatives as Potential p53 Activity Modulators. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 8319-8329.	6.4	69
10	Characterisation and cytomodulatory properties of peptides from Mozzarella di Bufala Campana cheese whey. <i>Journal of Peptide Science</i> , 2009, 15, 251-258.	1.4	68
11	Serum Oxidative Stress Markers and Lipidomic Profile to Detect NASH Patients Responsive to an Antioxidant Treatment: A Pilot Study. <i>Oxidative Medicine and Cellular Longevity</i> , 2014, 2014, 1-8.	4.0	66
12	Tight Glycemic Control May Increase Regenerative Potential of Myocardium during Acute Infarction. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, 933-942.	3.6	61
13	Oxidative Stress Effects on Endothelial Cells Treated with Different Athletes' Sera. <i>Medicine and Science in Sports and Exercise</i> , 2012, 44, 39-49.	0.4	54
14	Short-Term Diet and Moderate Exercise in Young Overweight Men Modulate Cardiocyte and Hepatocarcinoma Survival by Oxidative Stress. <i>Oxidative Medicine and Cellular Longevity</i> , 2014, 2014, 1-7.	4.0	52
15	Role of bisphenol A as environmental factor in the promotion of non-alcoholic fatty liver disease: in vitro and clinical study. <i>Alimentary Pharmacology and Therapeutics</i> , 2018, 47, 826-837.	3.7	51
16	Optimizing treatment of metastatic colorectal cancer patients with anti-EGFR antibodies: overcoming the mechanisms of cancer cell resistance. <i>Expert Opinion on Biological Therapy</i> , 2013, 13, 241-255.	3.1	50
17	Exploring cellular uptake, accumulation and mechanism of action of a cationic Ru-based nanosystem in human preclinical models of breast cancer. <i>Scientific Reports</i> , 2019, 9, 7006.	3.3	46
18	MicroRNA-125a-5p Is a Downstream Effector of Sorafenib in Its Antiproliferative Activity Toward Human Hepatocellular Carcinoma Cells. <i>Journal of Cellular Physiology</i> , 2017, 232, 1907-1913.	4.1	45

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19	Role of endothelial nitric oxide synthase (eNOS) in chronic stress-promoted tumour growth. <i>Journal of Cellular and Molecular Medicine</i> , 2012, 16, 920-926.	3.6	43
20	Evaluation of the Effect Derived from Silybin with Vitamin D and Vitamin E Administration on Clinical, Metabolic, Endothelial Dysfunction, Oxidative Stress Parameters, and Serological Worsening Markers in Nonalcoholic Fatty Liver Disease Patients. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-12.	4.0	43
21	Use of phytochemomics to evaluate the bioavailability and bioactivity of antioxidant peptides of soybean $\beta$ -conglycinin. <i>Electrophoresis</i> , 2014, 35, 1582-1589.	2.4	42
22	Effect of restriction vegan diet's on muscle mass, oxidative status, and myocytes differentiation: A pilot study. <i>Journal of Cellular Physiology</i> , 2018, 233, 9345-9353.	4.1	42
23	Nutraceutical potential of polyphenolic fractions from Annurca apple ( <i>M. pumila</i> Miller cv Annurca). <i>Food Chemistry</i> , 2013, 140, 614-622.	8.2	40
24	Peptides from water buffalo cheese whey induced senescence cell death <i>via</i> ceramide secretion in human colon adenocarcinoma cell line. <i>Molecular Nutrition and Food Research</i> , 2011, 55, 229-238.	3.3	37
25	In vitro hypoglycaemic and hypolipidemic potential of white tea polyphenols. <i>Food Chemistry</i> , 2013, 141, 2379-2384.	8.2	37
26	A mechanistic study on the cardiotoxicity of 5-fluorouracil in vitro and clinical and occupational perspectives. <i>Toxicology Letters</i> , 2014, 227, 151-156.	0.8	37
27	Antioxidant peptides from <i>Mozzarella di Bufala Campana DOP</i> after simulated gastrointestinal digestion: In vitro intestinal protection, bioavailability, and anti-haemolytic capacity. <i>Journal of Functional Foods</i> , 2015, 15, 365-375.	3.4	36
28	Ameliorative effect of Silybin on bisphenol A induced oxidative stress, cell proliferation and steroid hormones oxidation in HepG2 cell cultures. <i>Scientific Reports</i> , 2019, 9, 3228.	3.3	34
29	Quantitative and qualitative effect of gH625 on the nanoliposome-mediated delivery of mitoxantrone anticancer drug to HeLa cells. <i>International Journal of Pharmaceutics</i> , 2015, 488, 59-66.	5.2	32
30	Oral Microbiota and Salivary Levels of Oral Pathogens in Gastro-Intestinal Diseases: Current Knowledge and Exploratory Study. <i>Microorganisms</i> , 2021, 9, 1064.	3.6	32
31	Protective Effect of Tyrosol and S-Adenosylmethionine against Ethanol-Induced Oxidative Stress of HepG2 Cells Involves Sirtuin 1, P53 and Erk1/2 Signaling. <i>International Journal of Molecular Sciences</i> , 2016, 17, 622.	4.1	30
32	Comparative Phytochemical Characterization, Genetic Profile, and Antiproliferative Activity of Polyphenol-Rich Extracts from Pigmented Tubers of Different <i>Solanum tuberosum</i> Varieties. <i>Molecules</i> , 2020, 25, 233.	3.8	29
33	Effects of Annurca apple polyphenols on lipid metabolism in HepG2 cell lines: A source of nutraceuticals potentially indicated for the metabolic syndrome. <i>Food Research International</i> , 2014, 63, 252-257.	6.2	28
34	Transfusion-dependent low-risk myelodysplastic patients receiving deferasirox: Long-term follow-up. <i>Oncology Letters</i> , 2013, 6, 1774-1778.	1.8	25
35	The Role of microRNAs in Development of Colitis-Associated Colorectal Cancer. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3967.	4.1	25
36	Liposome armed with herpes virus-derived gH625 peptide to overcome doxorubicin resistance in lung adenocarcinoma cell lines. <i>Oncotarget</i> , 2016, 7, 4077-4092.	1.8	25

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37	Intestinal Anti-Inflammatory Effect of a Peptide Derived from Gastrointestinal Digestion of Buffalo ( <i>Bubalus bubalis</i> ) Mozzarella Cheese. <i>Nutrients</i> , 2019, 11, 610.	4.1	24
38	Design, Synthesis, and Cytotoxic Evaluation of Acyl Derivatives of 3-Aminonaphtho[2,3- <i>b</i> ]thiophene-4,9-dione, a Quinone-Based System. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 4077-4091.	6.4	23
39	Bioassay-guided identification of the antihyperglycaemic constituents of walnut ( <i>Juglans regia</i> ) leaves. <i>Journal of Functional Foods</i> , 2016, 26, 731-738.	3.4	23
40	Two novel SIRT1 activators, SCIC2 and SCIC2.1, enhance SIRT1-mediated effects in stress response and senescence. <i>Epigenetics</i> , 2020, 15, 664-683.	2.7	23
41	Synthesis of novel anti-inflammatory peptides derived from the amino-acid sequence of the bioactive protein SV-IV. <i>FEBS Journal</i> , 2001, 268, 3399-3406.	0.2	22
42	Stabilization of S-adenosyl-L-methionine promoted by trehalose. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2002, 1573, 105-108.	2.4	22
43	Antioxidant Profile and in Vitro Cardiac Radical-Scavenging versus Pro-oxidant Effects of Commercial Red Grape Juices ( <i>Vitis vinifera</i> L. cv. Aglianico N.). <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 9680-9687.	5.2	22
44	Anaplastic lymphoma kinase: a glimmer of hope in lung cancer treatment?. <i>Expert Review of Anticancer Therapy</i> , 2013, 13, 407-420.	2.4	22
45	Urotensin receptor is overexpressed in colon cancer cell lines and in colon carcinoma in humans. <i>European Journal of Clinical Investigation</i> , 2014, 44, 285-294.	3.4	22
46	Polyphenolic pattern and in vitro cardioprotective properties of typical red wines from vineyards cultivated in Scafati (Salerno, Italy). <i>Food Chemistry</i> , 2013, 140, 803-809.	8.2	21
47	Switchable Protecting Strategy for Solid Phase Synthesis of DNA and RNA Interacting Nucleopeptides. <i>Journal of Organic Chemistry</i> , 2016, 81, 11612-11625.	3.2	21
48	Spiro[(dihydropyrazin-2,5-dione)-6,3-(2-dihydrothieno[2,3- <i>b</i> ]naphtho-4,9-dione)]-Based Cytotoxic Agents: Structure-Activity Relationship Studies on the Substituent at N4-Position of the Diketopiperazine Domain. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 2924-2932.	6.4	20
49	In vitro crosslinking of calf lens crystallin by malondialdehyde. <i>International Journal of Peptide and Protein Research</i> , 1994, 44, 342-347.	0.1	20
50	Silybin-Induced Apoptosis Occurs in Parallel to the Increase of Ceramides Synthesis and miRNAs Secretion in Human Hepatocarcinoma Cells. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2190.	4.1	20
51	Silybin-Phosphatidylcholine Complex Protects Human Gastric and Liver Cells from Oxidative Stress. <i>In Vivo</i> , 2015, 29, 569-75.	1.3	18
52	Specific interaction between cyclophilin and cyclic peptides. <i>Biopolymers</i> , 1995, 36, 273-281.	2.4	17
53	The Bisphenol A Induced Oxidative Stress in Non-Alcoholic Fatty Liver Disease Male Patients: A Clinical Strategy to Antagonize the Progression of the Disease. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 3369.	2.6	16
54	Non Coding RNAs: A New Avenue for the Self-Tailoring of Blood Cancer Treatment. <i>Current Drug Targets</i> , 2016, 18, 35-55.	2.1	16

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55	The self-association of protein SV-IV and its possible functional implications. <i>FEBS Journal</i> , 1999, 266, 1029-1035.	0.2	14
56	Levofolene modulates apoptosis induced by 5-fluorouracil through autophagy inhibition: Clinical and occupational implications. <i>International Journal of Oncology</i> , 2015, 46, 1893-1900.	3.3	14
57	Polydatin Induces Differentiation and Radiation Sensitivity in Human Osteosarcoma Cells and Parallel Secretion through Lipid Metabolite Secretion. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-11.	4.0	13
58	Metabolite Profile and In Vitro Beneficial Effects of Black Garlic ( <i>Allium sativum</i> L.) Polar Extract. <i>Nutrients</i> , 2021, 13, 2771.	4.1	13
59	A Long-term Treatment with Silybin in Patients with Non-alcoholic Steatohepatitis Stimulates Catalase Activity in Human Endothelial Cells. <i>In Vivo</i> , 2017, 31, 609-618.	1.3	13
60	A novel quinone-based derivative (DTNQ-Pro) induces apoptotic death via modulation of heat shock protein expression in Caco-2 cells. <i>British Journal of Pharmacology</i> , 2010, 160, 931-940.	5.4	11
61	Polydatin administration improves serum biochemical parameters and oxidative stress markers during chronic alcoholism: a pilot study. <i>In Vivo</i> , 2015, 29, 405-8.	1.3	11
62	Dihydrithieno[2,3-b]naphto-4,9-dione analogues as anticancer agents: Synthesis and in cell pharmacological studies. <i>European Journal of Medicinal Chemistry</i> , 2015, 102, 106-114.	5.5	10
63	Inhibition of antithrombin by protein SV-IV normalizes the coagulation of hemophilic blood. <i>European Journal of Pharmacology</i> , 2000, 391, 1-9.	3.5	9
64	Alteration in the ubiquitin structure and function in the human lens: a possible mechanism of senile cataractogenesis. <i>FEBS Letters</i> , 2002, 531, 162-167.	2.8	9
65	Water transfer energetics and solid-like packing of globular proteins. , 1996, 24, 388-393.		8
66	Structural heterogeneity, post-translational modifications, and biological activities of SV-IV, a major protein secreted from the rat seminal vesicle epithelium. , 1997, 11, 1007-1014.		8
67	Interplay between membrane lipid peroxidation, transglutaminase activity, and Cyclooxygenase 2 expression in the tissue adjoining to breast cancer. <i>Journal of Cellular Physiology</i> , 2012, 227, 1577-1582.	4.1	8
68	DTNQ-Pro, a Mimetic Dipeptide, Sensitizes Human Colon Cancer Cells to 5-Fluorouracil Treatment. <i>Journal of Amino Acids</i> , 2013, 2013, 1-7.	5.8	8
69	Aryl hydrocarbon receptor, a tumor grade-associated marker of oral cancer, is directly downregulated by polydatin: A pilot study. <i>Oncology Reports</i> , 2018, 40, 1435-1442.	2.6	8
70	Enthalpy convergence temperatures: proteins and model compounds. <i>Thermochimica Acta</i> , 1995, 251, 371-377.	2.7	7
71	Assessment of the conformational features of vasoactive intestinal peptide in solution by limited proteolysis experiments. <i>Biopolymers</i> , 2006, 81, 110-119.	2.4	7
72	Cardioprotective Effects of Taurisolo® in Cardiomyoblast H9c2 Cells under High-Glucose and Trimethylamine N-Oxide Treatment via De Novo Sphingolipid Synthesis. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-11.	4.0	7

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73	Casein-derived peptides from the dairy product kashk exhibit wound healing properties and antibacterial activity against <i>Staphylococcus aureus</i> : Structural and functional characterization. <i>Food Research International</i> , 2022, 153, 110949.	6.2	7
74	Transglutaminase-mediated polyamination of vasoactive intestinal peptide (VIP) Gln16 residue modulates VIP/PACAP receptor activity. <i>FEBS Journal</i> , 2002, 269, 3211-3219.	0.2	6
75	Seminal Vesicle Protein IV and Its Derived Active Peptides: A Possible Physiological Role in Seminal Clotting. <i>Seminars in Thrombosis and Hemostasis</i> , 2007, 33, 053-059.	2.7	6
76	The immunomodulatory protein SV-IV protects serum-deprived cells against apoptosis but not against G0/G1 arrest: Possible implications for the survival of implanting embryo. <i>Journal of Cellular Physiology</i> , 2007, 212, 610-625.	4.1	6
77	Bioactive Peptides in Cancer: Therapeutic Use and Delivery Strategies. <i>Journal of Amino Acids</i> , 2013, 2013, 1-2.	5.8	6
78	Phosphorylation of seminal vesicle protein IV on Ser58 enhances its peroxidase-stimulating activity. <i>FEBS Journal</i> , 2001, 268, 3858-3869.	0.2	5
79	Hyperproduction of fibrin and inefficacy of antithrombin III and $\pm$ 2 macroglobulin in the presence of bacterial porins. <i>International Journal of Experimental Pathology</i> , 2005, 86, 241-245.	1.3	5
80	Prognostic role of translocator protein and oxidative stress markers in chronic lymphocytic leukemia patients treated with bendamustine plus rituximab. <i>Oncology Letters</i> , 2015, 9, 1327-1332.	1.8	5
81	A possible interplay between HR-HPV and stemness in tumor development: an in vivo investigation of CD133 as a putative marker of cancer stem cell in HPV18-infected KB cell line. <i>Apmis</i> , 2020, 128, 637-646.	2.0	5
82	H9c2 Cardiomyocytes under Hypoxic Stress: Biological Effects Mediated by Sentinel Downstream Targets. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-10.	4.0	5
83	The molecular localization of non-tryptophan chromophores in calf lens crystallins. <i>BBA - Proteins and Proteomics</i> , 1989, 995, 64-69.	2.1	4
84	Structural properties of the protein SV-IV. <i>FEBS Journal</i> , 2004, 271, 263-271.	0.2	4
85	<i>In vitro</i> stimulatory effect of anti-apoptotic seminal vesicle protein-4 on purified peroxidase enzymes. <i>FEBS Journal</i> , 2008, 275, 3870-3883.	4.7	4
86	$\beta$ -Glutamyl 16-diaminopropane derivative of vasoactive intestinal peptide: a potent anti-oxidative agent for human epidermoid cancer cells. <i>Amino Acids</i> , 2010, 39, 661-670.	2.7	4
87	Polydatin Incorporated in Polycaprolactone Nanofibers Improves Osteogenic Differentiation. <i>Pharmaceuticals</i> , 2022, 15, 727.	3.8	4
88	Effects of VIP and VIP-DAP on Proliferation and Lipid Peroxidation Metabolism in Human KB Cells. <i>Annals of the New York Academy of Sciences</i> , 2006, 1070, 167-172.	3.8	3
89	Experimental study on vasoactive intestinal peptide (VIP) and its diaminopropane bound (VIP-DAP) analog in solution. <i>Amino Acids</i> , 2008, 35, 275-281.	2.7	3
90	Urotensin II receptor expression in patients with ulcerative colitis: a pilot study. <i>Minerva Gastroenterologica E Dietologica</i> , 2020, 66, 23-28.	2.2	3

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91	The N-terminal 1-16 peptide derived in vivo from protein seminal vesicle protein IV modulates $\hat{\pm}$ -thrombin activity: potential clinical implications. <i>Experimental and Molecular Medicine</i> , 2008, 40, 541.	7.7	0
92	Role of Bisphenol A on cell biology: effect on proliferation, oxidative stress and steroid hormones metabolism of HepG2 cells. <i>Digestive and Liver Disease</i> , 2019, 51, e46.	0.9	0
93	T06.01.9 THE BISPHENOL A INDUCED WORSENING OF NON-ALCOHOLIC FATTY LIVER DISEASE: A CLINICAL STRATEGY TO ANTAGONIZE THE PROGRESSION OF THE DISEASE. <i>Digestive and Liver Disease</i> , 2020, 52, S161-S162.	0.9	0
94	Phoenix dactylifera polyphenols improve plasma lipid profile in hyperlipidemic rats and oxidative stress on HepG2 cells. <i>Journal of Herbs, Spices and Medicinal Plants</i> , 2021, 27, 161-176.	1.1	0