

# Sandra Donnini

## List of Publications by Year in descending order

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Version: 2024-02-01

102  
papers

3,962  
citations

109264

35  
h-index

128225

60  
g-index

105  
all docs

105  
docs citations

105  
times ranked

5799  
citing authors

#	ARTICLE	IF	CITATIONS
1	Antiangiogenic drugs: Chemosensitizers for combination cancer therapy. , 2022, , 29-66.		1
2	Sex differences in the utilization of drugs for <scp>COVID</scp> â€”19 treatment among elderly residents in a sample of Italian nursing homes. <i>Pharmacoepidemiology and Drug Safety</i> , 2022, 31, 489-494.	0.9	3
3	ALDH1A1 overexpression in melanoma cells promotes tumor angiogenesis by activating the ILâ€”8/Notch signaling cascade. <i>International Journal of Molecular Medicine</i> , 2022, 50, .	1.8	10
4	Development and validation of a case-finding algorithm for the identification of non-small cell lung cancers in a region-wide Italian pathology registry. <i>PLoS ONE</i> , 2022, 17, e0269232.	1.1	0
5	Real-World Utilization of Target- and Immunotherapies for Lung Cancer: A Scoping Review of Studies Based on Routinely Collected Electronic Healthcare Data. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 7679.	1.2	2
6	Molecular Mechanisms of Resistance to Anti-Angiogenic Drugs. <i>Critical Reviews in Oncogenesis</i> , 2021, 26, 39-66.	0.2	5
7	First-Line Pharmacotherapies and Survival among Patients Diagnosed with Non-Resectable NSCLC: A Real-Life Setting Study with Gender Prospective. <i>Cancers</i> , 2021, 13, 6129.	1.7	11
8	Targeting endothelial-to-mesenchymal transition: the protective role of hydroxytyrosol sulfate metabolite. <i>European Journal of Nutrition</i> , 2020, 59, 517-527.	1.8	21
9	By-Products from Winemaking and Olive Mill Value Chains for the Enrichment of Refined Olive Oil: Technological Challenges and Nutraceutical Features. <i>Foods</i> , 2020, 9, 1390.	1.9	13
10	New Insights Into Blood-Brain Barrier Maintenance: The Homeostatic Role of Î²-Amyloid Precursor Protein in Cerebral Vasculature. <i>Frontiers in Physiology</i> , 2020, 11, 1056.	1.3	25
11	Amyloid-Î² Precursor Protein APP Down-Regulation Alters Actin Cytoskeleton-Interacting Proteins in Endothelial Cells. <i>Cells</i> , 2020, 9, 2506.	1.8	11
12	Opioid receptors beyond pain control: The role in cancer pathology and the debated importance of their pharmacological modulation. <i>Pharmacological Research</i> , 2020, 159, 104938.	3.1	21
13	Development of Fortified Citrus Olive Oils: From Their Production to Their Nutraceutical Properties on the Cardiovascular System. <i>Nutrients</i> , 2020, 12, 1557.	1.7	16
14	Real word evidence on rituximab utilization: Combining administrative and hospital-pharmacy data. <i>PLoS ONE</i> , 2020, 15, e0229973.	1.1	5
15	Endothelial Aldehyde Dehydrogenase 2 as a Target to Maintain Vascular Wellness and Function in Ageing. <i>Biomedicines</i> , 2020, 8, 4.	1.4	15
16	How to conjugate the stemness marker ALDH1A1 with tumor angiogenesis, progression, and drug resistance. , 2020, 3, 26-37.		12
17	Repurposing of drugs for triple negative breast cancer: an overview. <i>Ecancermedalscience</i> , 2020, 14, 1071.	0.6	12
18	Real word evidence on rituximab utilization: Combining administrative and hospital-pharmacy data. , 2020, 15, e0229973.		0

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19	Real word evidence on rituximab utilization: Combining administrative and hospital-pharmacy data. , 2020, 15, e0229973.		0
20	Real word evidence on rituximab utilization: Combining administrative and hospital-pharmacy data. , 2020, 15, e0229973.		0
21	Real word evidence on rituximab utilization: Combining administrative and hospital-pharmacy data. , 2020, 15, e0229973.		0
22	The Nutraceutical Value of Olive Oil and Its Bioactive Constituents on the Cardiovascular System. Focusing on Main Strategies to Slow Down Its Quality Decay during Production and Storage. Nutrients, 2019, 11, 1962.	1.7	38
23	mPGES-1 as a new target to overcome acquired resistance to gefitinib in non-small cell lung cancer cell lines. Prostaglandins and Other Lipid Mediators, 2019, 143, 106344.	1.0	5
24	miRâ€574â€5p as RNA decoy for CUGBP1 stimulates human lung tumor growth by mPGESâ€1 induction. FASEB Journal, 2019, 33, 6933-6947.	0.2	30
25	Therapeutic Implications of the Nitric Oxide Pathway in the Angiogenesis of Tumors and Inflammatory-Related Disorders. , 2019, , 65-91.		7
26	ALDH3A1 Overexpression in Melanoma and Lung Tumors Drives Cancer Stem Cell Expansion, Impairing Immune Surveillance through Enhanced PD-L1 Output. Cancers, 2019, 11, 1963.	1.7	33
27	Evidence of ð²-blockers drug repurposing for the treatment of triple negative breast cancer: A systematic review. Neoplasma, 2019, 66, 963-970.	0.7	19
28	Stemness marker ALDH1A1 promotes tumor angiogenesis via retinoic acid/HIF-1±/VEGF signalling in MCF-7 breast cancer cells. Journal of Experimental and Clinical Cancer Research, 2018, 37, 311.	3.5	83
29	ALDH2 Activity Reduces Mitochondrial Oxygen Reserve Capacity in Endothelial Cells and Induces Senescence Properties. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-13.	1.9	23
30	Use of Nutraceuticals in Angiogenesis-Dependent Disorders. Molecules, 2018, 23, 2676.	1.7	16
31	Bradykinin B2 Receptor Contributes to Inflammatory Responses in Human Endothelial Cells by the Transactivation of the Fibroblast Growth Factor Receptor FGFR-1. International Journal of Molecular Sciences, 2018, 19, 2638.	1.8	16
32	Yeast-Derived Recombinant Avenanthramides Inhibit Proliferation, Migration and Epithelial Mesenchymal Transition of Colon Cancer Cells. Nutrients, 2018, 10, 1159.	1.7	14
33	Aquaporin Membrane Channels in Oxidative Stress, Cell Signaling, and Aging: Recent Advances and Research Trends. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-14.	1.9	74
34	Oxidative Stress and Membrane Transport Systems. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-2.	1.9	2
35	Involvement of Bradykinin B2 Receptor in Pathological Vascularization in Oxygen-Induced Retinopathy in Mice and Rabbit Cornea. International Journal of Molecular Sciences, 2018, 19, 330.	1.8	7
36	PGE2 mediates EGFR internalization and nuclear translocation via caveolin endocytosis promoting its transcriptional activity and proliferation in human NSCLC cells. Oncotarget, 2018, 9, 14939-14958.	0.8	23

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37	Formulation of liposomes functionalized with Lotus lectin and effective in targeting highly proliferative cells. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017, 1861, 860-870.	1.1	29
38	Linking of mPGES-1 and iNOS activates stem-like phenotype in EGFR-driven epithelial tumor cells. <i>Nitric Oxide - Biology and Chemistry</i> , 2017, 66, 17-29.	1.2	10
39	Development of Phenol-Enriched Olive Oil with Phenolic Compounds Extracted from Wastewater Produced by Physical Refining. <i>Nutrients</i> , 2017, 9, 916.	1.7	44
40	Inhibition of cell cycle progression by the hydroxytyrosol-cetuximab combination yields enhanced chemotherapeutic efficacy in colon cancer cells. <i>Oncotarget</i> , 2017, 8, 83207-83224.	0.8	30
41	PGE2/EP3/SRC signaling induces EGFR nuclear translocation and growth through EGFR ligands release in lung adenocarcinoma cells. <i>Oncotarget</i> , 2017, 8, 31270-31287.	0.8	36
42	Late Breaking Science posters657Aldehyde Dehydrogenase2 regulates senescence in the vascular endothelium658Monoamine oxidase is over-activated in the left and right ventricles from human ischemic hearts: an intriguing therapeutic target659A novel assay for regulating transcription factors by flow660Remote ischaemic conditioning reduces infarct size in animal in vivo models of ischaemia-reperfusion injury: a systematic review and meta-analysis661The Role of Histone Methyl-transferase G9a in Heart Homeostasis. <i>Cardiovascular Research</i> , 2016, 111, S117-S119.	1.8	1
43	Studying Vascular Angiogenesis and Senescence in Zebrafish Embryos. <i>Methods in Molecular Biology</i> , 2016, 1430, 387-400.	0.4	4
44	Hydroxytyrosol, a product from olive oil, reduces colon cancer growth by enhancing epidermal growth factor receptor degradation. <i>Molecular Nutrition and Food Research</i> , 2016, 60, 519-529.	1.5	56
45	Targeting endothelial cell metabolism for cardio-protection from the toxicity of antitumor agents. <i>Cardio-Oncology</i> , 2016, 2, 3.	0.8	20
46	Monitoring Endothelial and Tissue Responses to Cobalt Ferrite Nanoparticles and Hybrid Hydrogels. <i>PLoS ONE</i> , 2016, 11, e0168727.	1.1	21
47	Nitric Oxide and PGE-2 Cross-Talk in EGFR-Driven Epithelial Tumor Cells. <i>Critical Reviews in Oncogenesis</i> , 2016, 21, 325-331.	0.2	3
48	Linking microsomal prostaglandin E Synthase-1/PGE-2 pathway with miR-15a and miR-186 expression: Novel mechanism of VEGF modulation in prostate cancer. <i>Oncotarget</i> , 2016, 7, 44350-44364.	0.8	24
49	Dbl oncogene expression in MCF-10 A epithelial cells disrupts mammary acinar architecture, induces EMT and angiogenic factor secretion. <i>Cell Cycle</i> , 2015, 14, 1426-1437.	1.3	2
50	mPGES-1 in prostate cancer controls stemness and amplifies epidermal growth factor receptor-driven oncogenicity. <i>Endocrine-Related Cancer</i> , 2015, 22, 665-678.	1.6	39
51	Prostaglandin E2 transactivates the colony-stimulating factor-1 receptor and synergizes with colony-stimulating factor-1 in the induction of macrophage migration via the mitogen-activated protein kinase ERK1/2. <i>FASEB Journal</i> , 2015, 29, 2545-2554.	0.2	30
52	Antagonism of Bradykinin B2 Receptor Prevents Inflammatory Responses in Human Endothelial Cells by Quenching the NF- $\kappa$ B Pathway Activation. <i>PLoS ONE</i> , 2014, 9, e84358.	1.1	42
53	Targeting PGE2 Signaling in Tumor Progression and Angiogenesis. <i>Forum on Immunopathological Diseases and Therapeutics</i> , 2014, 5, 223-232.	0.1	3
54	Targeting Integrins in Cancer. <i>Forum on Immunopathological Diseases and Therapeutics</i> , 2014, 5, 233-241.	0.1	0

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55	PKC $\mu$ activation promotes FGF-2 exocytosis and induces endothelial cell proliferation and sprouting. <i>Journal of Molecular and Cellular Cardiology</i> , 2013, 63, 107-117.	0.9	28
56	Assessing Vascular Senescence in Zebrafish. <i>Methods in Molecular Biology</i> , 2013, 965, 517-531.	0.4	7
57	Mitochondrial aldehyde dehydrogenase-2 activation prevents $\beta$ amyloids induced endothelial cell dysfunction and restores angiogenesis. <i>Journal of Cell Science</i> , 2013, 126, 1952-61.	1.2	49
58	Hydrogen Peroxide Mediates Endothelium-Dependent Dilation of Coronary Arterioles in Obese Rats on a Low-Carbohydrate Diet. <i>Microcirculation</i> , 2013, 20, 599-608.	1.0	5
59	EGFR signaling upregulates expression of microsomal prostaglandin E synthase-1 in cancer cells leading to enhanced tumorigenicity. <i>Oncogene</i> , 2012, 31, 3457-3466.	2.6	24
60	Pharmacological Inhibition of Microsomal Prostaglandin E Synthase-1 Suppresses Epidermal Growth Factor Receptor-Mediated Tumor Growth and Angiogenesis. <i>PLoS ONE</i> , 2012, 7, e40576.	1.1	39
61	A novel protein from the serum of <i>Python sebae</i> , structurally homologous with type- $\beta$ phospholipase A2 inhibitor, displays antitumour activity. <i>Biochemical Journal</i> , 2011, 440, 251-262.	1.7	13
62	Abstract 1130: mPGES-1 drives the oncogenic potential of EGFR signaling. , 2011, , .		0
63	RNA-mediated gene silencing of FUT1 and FUT2 influences expression and activities of bovine and human fucosylated nucleolin and inhibits cell adhesion and proliferation. <i>Journal of Cellular Biochemistry</i> , 2010, 111, 229-238.	1.2	19
64	Inhibition of Hypoxia Inducible Factor-1 $\alpha$ by Dihydroxyphenylethanol, a Product from Olive Oil, Blocks Microsomal Prostaglandin-E Synthase-1/Vascular Endothelial Growth Factor Expression and Reduces Tumor Angiogenesis. <i>Clinical Cancer Research</i> , 2010, 16, 4207-4216.	3.2	59
65	Sulfhydryl Angiotensin-Converting Enzyme Inhibitor Promotes Endothelial Cell Survival through Nitric-Oxide Synthase, Fibroblast Growth Factor-2, and Telomerase Cross-Talk. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2010, 332, 776-784.	1.3	39
66	A $\beta$ peptides accelerate the senescence of endothelial cells <i>in vitro</i> and <i>in vivo</i> , impairing angiogenesis. <i>FASEB Journal</i> , 2010, 24, 2385-2395.	0.2	79
67	$\beta$ PKC inhibition or $\delta$ PKC activation repairs endothelial vascular dysfunction by regulating eNOS post-translational modification. <i>Journal of Molecular and Cellular Cardiology</i> , 2010, 48, 746-756.	0.9	43
68	Prevention of ischemic brain injury by treatment with the membrane penetrating apoptosis inhibitor, TAT-BH4. <i>Cell Cycle</i> , 2009, 8, 1271-1278.	1.3	25
69	Prostaglandin E 2 Primes the Angiogenic Switch via a Synergic Interaction With the Fibroblast Growth Factor-2 Pathway. <i>Circulation Research</i> , 2009, 105, 657-666.	2.0	48
70	Dutch and arctic mutant peptides of $\beta$ amyloid $\beta$ 40 differentially affect the FGF-2 pathway in brain endothelium. <i>Experimental Cell Research</i> , 2009, 315, 385-395.	1.2	39
71	Nitric Oxide Releasing Metal-Diazoniumdiolate Complexes Strongly Induce Vasorelaxation and Endothelial Cell Proliferation. <i>ChemMedChem</i> , 2008, 3, 1039-1047.	1.6	15
72	Peroxynitrite inactivates human tissue inhibitor of metalloproteinase-4. <i>FEBS Letters</i> , 2008, 582, 1135-1140.	1.3	49

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73	Prostaglandin E2 Regulates Angiogenesis via Activation of Fibroblast Growth Factor Receptor-1. <i>Journal of Biological Chemistry</i> , 2008, 283, 2139-2146.	1.6	104
74	EP2 prostanoid receptor promotes squamous cell carcinoma growth through epidermal growth factor receptor transactivation and iNOS and ERK1/2 pathways. <i>FASEB Journal</i> , 2007, 21, 2418-2430.	0.2	86
75	TAT-BH4 counteracts A <sup>1</sup> toxicity on capillary endothelium. <i>FEBS Letters</i> , 2007, 581, 702-706.	1.3	14
76	Divergent effects of quercetin conjugates on angiogenesis. <i>British Journal of Nutrition</i> , 2006, 95, 1016-1023.	1.2	71
77	FGF-2 overexpression opposes the beta amyloid toxic injuries to the vascular endothelium. <i>Cell Death and Differentiation</i> , 2006, 13, 1088-1096.	5.0	34
78	Pyrazolo-pyrimidine-derived c-Src inhibitor reduces angiogenesis and survival of squamous carcinoma cells by suppressing vascular endothelial growth factor production and signaling. <i>International Journal of Cancer</i> , 2006, 120, 995-1004.	2.3	37
79	Fibroblast Growth Factor-2 Mediates Angiotensin-Converting Enzyme Inhibitor-Induced Angiogenesis in Coronary Endothelium. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006, 319, 515-522.	1.3	35
80	Physiological levels of amyloid peptides stimulate the angiogenic response through FGF-2. <i>FASEB Journal</i> , 2004, 18, 1943-1945.	0.2	48
81	Exogenous BH4/Bcl-2 Peptide Reverts Coronary Endothelial Cell Apoptosis Induced by Oxidative Stress. <i>Journal of Vascular Research</i> , 2004, 41, 202-207.	0.6	33
82	Antiproliferative activity of new 1-aryl-4-amino-1H-pyrazolo[3,4-d]pyrimidine derivatives toward the human epidermoid carcinoma A431 cell line. <i>European Journal of Medicinal Chemistry</i> , 2004, 39, 939-946.	2.6	71
83	ERK1-2 and p38 MAPK regulate MMP/TIMP balance and function in response to thrombospondin-1 fragments in the microvascular endothelium. <i>Life Sciences</i> , 2004, 74, 2975-2985.	2.0	48
84	Role of Nitric Oxide in Tumor Angiogenesis. <i>Cancer Treatment and Research</i> , 2004, 117, 155-167.	0.2	53
85	Molecular Mechanisms of VEGF-Induced Angiogenesis. , 2004, , 19-25.		2
86	Development of New Drugs in Angiogenesis. <i>Current Drug Targets</i> , 2004, 5, 485-493.	1.0	70
87	Antiangiogenic properties of selected ruthenium(III) complexes that are nitric oxide scavengers. <i>British Journal of Cancer</i> , 2003, 88, 1484-1491.	2.9	78
88	Role of Nitric Oxide in the Modulation of Angiogenesis. <i>Current Pharmaceutical Design</i> , 2003, 9, 521-530.	0.9	161
89	Angiosuppressive and angiostimulatory effects exerted by synthetic partial sequences of endostatin. <i>Clinical Cancer Research</i> , 2003, 9, 5358-69.	3.2	57
90	Effect of hypoxia and endothelial loss on vascular smooth muscle cell responsiveness to VEGF-A: role of flt-1/VEGF-receptor-1. <i>Cardiovascular Research</i> , 2002, 55, 201-212.	1.8	57

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91	Constitutive and Inducible Nitric Oxide Synthase: Role in Angiogenesis. Antioxidants and Redox Signaling, 2002, 4, 817-823.	2.5	85
92	Nitric oxide modulates the angiogenic phenotype of middle-T transformed endothelial cells. International Journal of Biochemistry and Cell Biology, 2001, 33, 305-313.	1.2	8
93	ANG II potentiates mitogenic effect of norepinephrine in vascular muscle cells: role of FGF-2. American Journal of Physiology - Heart and Circulatory Physiology, 2001, 280, H99-H107.	1.5	10
94	Cell-Mediated Delivery of Fibroblast Growth Factor-2 and Vascular Endothelial Growth Factor onto the Chick Chorioallantoic Membrane: Endothelial Fenestration and Angiogenesis. Journal of Vascular Research, 2001, 38, 389-397.	0.6	66
95	Abolished angiogenicity and tumorigenicity of Burkitt lymphoma by interleukin-10. Blood, 2000, 96, 2568-2573.	0.6	90
96	The heparin binding 25 kDa fragment of thrombospondin $\alpha$ 1 promotes angiogenesis and modulates gelatinase and TIMP $\alpha$ 2 production in endothelial cells. FASEB Journal, 2000, 14, 1674-1676.	0.2	146
97	Differential Contribution of Bradykinin Receptors in Angiogenesis. Advances in Experimental Medicine and Biology, 2000, 476, 117-128.	0.8	4
98	Abolished angiogenicity and tumorigenicity of Burkitt lymphoma by interleukin-10. Blood, 2000, 96, 2568-2573.	0.6	2
99	Expression and localization of placenta growth factor and PlGF receptors in human meningiomas. , 1999, 189, 66-71.		73
100	Linomide blocks angiogenesis by breast carcinoma vascular endothelial growth factor transfectants. British Journal of Cancer, 1998, 77, 1123-1129.	2.9	21
101	Nitric oxide synthase lies downstream from vascular endothelial growth factor-induced but not basic fibroblast growth factor-induced angiogenesis.. Journal of Clinical Investigation, 1997, 99, 2625-2634.	3.9	824
102	The effect of linomide on the migration and the proliferation of capillary endothelial cells elicited by vascular endothelial growth factor. British Journal of Pharmacology, 1996, 119, 619-621.	2.7	19