

# Domenico Iacopetta

## 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.

79 papers	1,720 citations	26 h-index	38 g-index
88 ext. papers	2,281 ext. citations	4.2 avg, IF	4.73 L-index

#	Paper	IF	Citations
79	A fourth ADP/ATP carrier isoform in man: identification, bacterial expression, functional characterization and tissue distribution. <i>FEBS Letters</i> , <b>2005</b> , 579, 633-7	3.8	163
78	Oleuropein and hydroxytyrosol inhibit MCF-7 breast cancer cell proliferation interfering with ERK1/2 activation. <i>Molecular Nutrition and Food Research</i> , <b>2010</b> , 54, 833-40	5.9	112
77	AR collaborates with ER $\alpha$ in aromatase inhibitor-resistant breast cancer. <i>Breast Cancer Research and Treatment</i> , <b>2014</b> , 147, 473-85	4.4	82
76	G protein-coupled estrogen receptor mediates the up-regulation of fatty acid synthase induced by 17 $\beta$ -estradiol in cancer cells and cancer-associated fibroblasts. <i>Journal of Biological Chemistry</i> , <b>2012</b> , 287, 43234-45	5.4	75
75	Carbazole derivatives: a promising scenario for breast cancer treatment. <i>Mini-Reviews in Medicinal Chemistry</i> , <b>2016</b> , 16, 630-43	3.2	53
74	Eucaryophyllene: A Sesquiterpene with Countless Biological Properties. <i>Applied Sciences (Switzerland)</i> , <b>2019</b> , 9, 5420	2.6	51
73	Phosphorylation of the mutant K303R estrogen receptor alpha at serine 305 affects aromatase inhibitor sensitivity. <i>Oncogene</i> , <b>2010</b> , 29, 2404-14	9.2	48
72	Hypocholesterolaemic activity of 3-hydroxy-3-methyl-glutaryl flavanones enriched fraction from bergamot fruit ( <i>Citrus bergamia</i> ): <i>In vivo</i> studies. <i>Journal of Functional Foods</i> , <b>2014</b> , 7, 558-568	5.1	45
71	Carbazole Derivatives as Antiviral Agents: An Overview. <i>Molecules</i> , <b>2019</b> , 24,	4.8	43
70	Multifaceted properties of 1,4-dimethylcarbazoles: Focus on trimethoxybenzamide and trimethoxyphenylurea derivatives as novel human topoisomerase II inhibitors. <i>European Journal of Pharmaceutical Sciences</i> , <b>2017</b> , 96, 263-272	5.1	41
69	New insights for the use of quercetin analogs in cancer treatment. <i>Future Medicinal Chemistry</i> , <b>2017</b> , 9, 2011-2028	4.1	40
68	The Role of Androgen Receptor in Breast Cancer. <i>Drug Discovery Today Disease Mechanisms</i> , <b>2012</b> , 9, e19-e27		37
67	N-alkyl carbazole derivatives as new tools for Alzheimer's disease: preliminary studies. <i>Molecules</i> , <b>2014</b> , 19, 9307-17	4.8	36
66	Novel Gold and Silver Carbene Complexes Exert Antitumor Effects Triggering the Reactive Oxygen Species Dependent Intrinsic Apoptotic Pathway. <i>ChemMedChem</i> , <b>2017</b> , 12, 2054-2065	3.7	35
65	Old Drug Scaffold, New Activity: Thalidomide-Related Compounds Exert Different Effects on Breast Cancer Cell Growth and Progression. <i>ChemMedChem</i> , <b>2017</b> , 12, 381-389	3.7	34
64	Inhibition of human topoisomerase I and II and anti-proliferative effects on MCF-7 cells by new titanocene complexes. <i>Bioorganic and Medicinal Chemistry</i> , <b>2015</b> , 23, 7302-12	3.4	34
63	Structure-activity relationships of resveratrol and derivatives in breast cancer cells. <i>Molecular Nutrition and Food Research</i> , <b>2009</b> , 53, 845-58	5.9	34

62	N-heterocyclic carbene complexes of silver and gold as novel tools against breast cancer progression. <i>Future Medicinal Chemistry</i> , <b>2016</b> , 8, 2213-2229	4.1	33
61	Bergamot (Citrus bergamia Risso) Flavonoids and Their Potential Benefits in Human Hyperlipidemia and Atherosclerosis: an Overview. <i>Mini-Reviews in Medicinal Chemistry</i> , <b>2016</b> , 16, 619-29	3.2	33
60	Assessment of antioxidant, antitumor and pro-apoptotic effects of <i>Salvia fruticosa</i> Mill. subsp. <i>thomasi</i> (Lacaita) Brullo, Guglielmo, Pavone & Terrasi (Lamiaceae). <i>Food and Chemical Toxicology</i> , <b>2017</b> , 106, 155-164	4.7	31
59	3-(Dipropylamino)-5-hydroxybenzofuro[2,3-f]quinazolin-1(2H)-one (DPA-HBFQ-1) plays an inhibitory role on breast cancer cell growth and progression. <i>European Journal of Medicinal Chemistry</i> , <b>2016</b> , 107, 275-87	6.8	31
58	Finding solutions for agricultural wastes: antioxidant and antitumor properties of pomegranate Akko peel extracts and $\beta$ -glucan recovery. <i>Food and Function</i> , <b>2018</b> , 9, 6618-6631	6.1	31
57	From coins to cancer therapy: Gold, silver and copper complexes targeting human topoisomerases. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2020</b> , 30, 126905	2.9	30
56	Identification of the <i>Drosophila melanogaster</i> mitochondrial citrate carrier: bacterial expression, reconstitution, functional characterization and developmental distribution. <i>Journal of Biochemistry</i> , <b>2008</b> , 144, 389-92	3.1	27
55	N-thioalkylcarbazoles derivatives as new anti-proliferative agents: synthesis, characterisation and molecular mechanism evaluation. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , <b>2018</b> , 33, 434-444	5.6	26
54	Benzothienoquinazolinones as new multi-target scaffolds: Dual inhibition of human Topoisomerase I and tubulin polymerization. <i>European Journal of Medicinal Chemistry</i> , <b>2019</b> , 181, 111583	6.8	26
53	The biochemical properties of the mitochondrial thiamine pyrophosphate carrier from <i>Drosophila melanogaster</i> . <i>FEBS Journal</i> , <b>2010</b> , 277, 1172-81	5.7	26
52	Is the Way to Fight Cancer Paved with Gold? Metal-Based Carbene Complexes with Multiple and Fascinating Biological Features. <i>Pharmaceuticals</i> , <b>2020</b> , 13,	5.2	23
51	SLC37A1 gene expression is up-regulated by epidermal growth factor in breast cancer cells. <i>Breast Cancer Research and Treatment</i> , <b>2010</b> , 122, 755-64	4.4	23
50	Multidrug Resistance (MDR): A Widespread Phenomenon in Pharmacological Therapies.. <i>Molecules</i> , <b>2022</b> , 27,	4.8	22
49	Sericin/Poly(ethylcyanoacrylate) Nanospheres by Interfacial Polymerization for Enhanced Bioefficacy of Fenofibrate: In Vitro and In Vivo Studies. <i>Biomacromolecules</i> , <b>2015</b> , 16, 3126-33	6.9	21
48	Inhibition of Human Topoisomerase II by N,N,N-Trimethylethanammonium Iodide Alkylcarbazole Derivatives. <i>ChemMedChem</i> , <b>2018</b> , 13, 2635-2643	3.7	20
47	Interaction of fosfomycin with the glycerol 3-phosphate transporter of <i>Escherichia coli</i> . <i>Biochimica Et Biophysica Acta - General Subjects</i> , <b>2011</b> , 1810, 1323-9	4	18
46	Diarylureas: Repositioning from Antitumor to Antimicrobials or Multi-Target Agents against New Pandemics. <i>Antibiotics</i> , <b>2021</b> , 10,	4.9	18
45	Diarylureas as Antitumor Agents. <i>Applied Sciences (Switzerland)</i> , <b>2021</b> , 11, 374	2.6	18

44	A Review on the Antimicrobial Activity of Schiff Bases: Data Collection and Recent Studies.. <i>Antibiotics</i> , <b>2022</b> , 11,	4.9	17
43	<i>Anchusa azurea</i> Mill. (Boraginaceae) aerial parts methanol extract interfering with cytoskeleton organization induces programmed cancer cells death. <i>Food and Function</i> , <b>2019</b> , 10, 4280-4290	6.1	16
42	A novel subfamily of mitochondrial dicarboxylate carriers from <i>Drosophila melanogaster</i> : biochemical and computational studies. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , <b>2011</b> , 1807, 251-614.6	4.6	16
41	Abundant expression and purification of biologically active mitochondrial citrate carrier in baculovirus-infected insect cells. <i>Journal of Bioenergetics and Biomembranes</i> , <b>2009</b> , 41, 289-97	3.7	15
40	A Review on the Advancements in the Field of Metal Complexes with Schiff Bases as Antiproliferative Agents. <i>Applied Sciences (Switzerland)</i> , <b>2021</b> , 11, 6027	2.6	14
39	Pomegranate: Nutraceutical with Promising Benefits on Human Health. <i>Applied Sciences (Switzerland)</i> , <b>2020</b> , 10, 6915	2.6	13
38	Molecularly imprinted hydrogels for sustained release of sunitinib in breast cancer therapy. <i>Polymers for Advanced Technologies</i> , <b>2019</b> , 30, 743-748	3.2	13
37	Schiff Bases: Interesting Scaffolds with Promising Antitumoral Properties. <i>Applied Sciences (Switzerland)</i> , <b>2021</b> , 11, 1877	2.6	13
36	Development and characterization of antitumoral electrospun polycaprolactone/functionalized Fe3O4 hybrid membranes. <i>Materials Today Chemistry</i> , <b>2020</b> , 17, 100309	6.2	12
35	Synthesis and Antitumor Activity of New Group 3 Metallocene Complexes. <i>Molecules</i> , <b>2017</b> , 22,	4.8	12
34	Different 6-Aryl-Fulvenes Exert Anti-proliferative effects on Cancer Cells. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , <b>2015</b> , 15, 468-74	2.2	12
33	Chloro-1,4-dimethyl-9H-carbazole Derivatives Displaying Anti-HIV Activity. <i>Molecules</i> , <b>2018</b> , 23,	4.8	11
32	Anti-Inflammatory, Antioxidant and Crystallographic Studies of N-Palmitoyl-ethanol Amine (PEA) Derivatives. <i>Molecules</i> , <b>2017</b> , 22,	4.8	10
31	The Different Facets of Triclocarban: A Review. <i>Molecules</i> , <b>2021</b> , 26,	4.8	10
30	Sol-Gel Treatment of Textiles for the Entrapping of an Antioxidant/Anti-Inflammatory Molecule: Functional Coating Morphological Characterization and Drug Release Evaluation. <i>Applied Sciences (Switzerland)</i> , <b>2020</b> , 10, 2287	2.6	9
29	Acetylated hyaluronic acid: enhanced bioavailability and biological studies. <i>BioMed Research International</i> , <b>2014</b> , 2014, 921549	3	9
28	Newly Synthesized Imino-Derivatives Analogues of Resveratrol Exert Inhibitory Effects in Breast Tumor Cells. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	9
27	Synthesis of sericin-based conjugates by click chemistry: enhancement of sunitinib bioavailability and cell membrane permeation. <i>Drug Delivery</i> , <b>2017</b> , 24, 482-490	7	8

26	Carbazole Derivatives as Kinase-Targeting Inhibitors for Cancer Treatment. <i>Mini-Reviews in Medicinal Chemistry</i> , <b>2020</b> , 20, 444-465	3.2	8
25	Synthesis, anticancer and antioxidant properties of new indole and pyranoindole derivatives. <i>Bioorganic Chemistry</i> , <b>2020</b> , 105, 104440	5.1	8
24	A Phenylacetamide Resveratrol Derivative Exerts Inhibitory Effects on Breast Cancer Cell Growth. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	6
23	Searching for Small Molecules as Antibacterials: Non-Cytotoxic Diarylureas Analogues of Triclocarban. <i>Antibiotics</i> , <b>2021</b> , 10,	4.9	6
22	$\alpha$ -Alkenyl-bis-S-Guanidine Thiourea Dihydrobromide Affects HeLa Cell Growth Hampering Tubulin Polymerization. <i>ChemMedChem</i> , <b>2020</b> , 15, 2306-2316	3.7	5
21	COVID-19 at a Glance: An Up-to-Date Overview on Variants, Drug Design and Therapies.. <i>Viruses</i> , <b>2022</b> , 14,	6.2	5
20	N-Heterocyclic Carbene-Gold(I) Complexes Targeting Actin Polymerization. <i>Applied Sciences (Switzerland)</i> , <b>2021</b> , 11, 5626	2.6	4
19	Gold Derivatives Development as Prospective Anticancer Drugs for Breast Cancer Treatment. <i>Applied Sciences (Switzerland)</i> , <b>2021</b> , 11, 2089	2.6	4
18	Novel Au Carbene Complexes as Promising Multi-Target Agents in Breast Cancer Treatment. <i>Pharmaceuticals</i> , <b>2022</b> , 15, 507	5.2	4
17	An effective strategy for cloning the mitochondrial citrate carrier: identification, characterization and tissue distribution in silver eel. <i>Advances in Bioscience and Biotechnology (Print)</i> , <b>2011</b> , 02, 157-162	0.9	3
16	N-Thiocarbazole-based gold nanoparticles: synthesis, characterization and anti-proliferative activity evaluation. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2018</b> , 459, 012023	0.4	3
15	Benzothiazole-Containing Analogues of Triclocarban with Potent Antibacterial Activity. <i>Antibiotics</i> , <b>2021</b> , 10,	4.9	3
14	Discovery of pyrrole derivatives for the treatment of glioblastoma and chronic myeloid leukemia. <i>European Journal of Medicinal Chemistry</i> , <b>2021</b> , 221, 113532	6.8	3
13	Bis-Thiourea Quaternary Ammonium Salts as Potential Agents against Bacterial Strains from Food and Environmental Matrices.. <i>Antibiotics</i> , <b>2021</b> , 10,	4.9	2
12	Simple Thalidomide Analogs in Melanoma: Synthesis and Biological Activity. <i>Applied Sciences (Switzerland)</i> , <b>2021</b> , 11, 5823	2.6	2
11	A Nitrocarbazole as a New Microtubule-Targeting Agent in Breast Cancer Treatment. <i>Applied Sciences (Switzerland)</i> , <b>2021</b> , 11, 9139	2.6	2
10	Moving beyond the Tip of the Iceberg: DJ-1 Implications in Cancer Metabolism.. <i>Cells</i> , <b>2022</b> , 11,	7.9	2
9	Triclosan: A Small Molecule with Controversial Roles. <i>Antibiotics</i> , <b>2022</b> , 11, 735	4.9	2

8	A winning strategy to improve the anticancer properties of Cisplatin and Quercetin based on the nanoemulsions formulation. <i>Journal of Drug Delivery Science and Technology</i> , <b>2021</b> , 66, 102907	4.5	1
7	Synthesis of Pyridoclast Analogues: Insight into Their Druggability by Investigating Their Physicochemical Properties and Interactions with Membranes. <i>ChemMedChem</i> , <b>2020</b> , 15, 136-154	3.7	1
6	Recent Advances in the Development of Thalidomide-Related Compounds as Anticancer Drugs. <i>Current Medicinal Chemistry</i> , <b>2021</b> ,	4.3	1
5	The significant role of nutraceutical compounds in ulcerative colitis treatment.. <i>Current Medicinal Chemistry</i> , <b>2021</b> ,	4.3	1
4	Catalytic and Biological Activity of Silver and Gold Complexes Stabilized by NHC with Hydroxy Derivatives on Nitrogen Atoms. <i>Catalysts</i> , <b>2022</b> , 12, 18	4	1
3	New Achievements for the Treatment of Triple-Negative Breast Cancer. <i>Applied Sciences (Switzerland)</i> , <b>2022</b> , 12, 5554	2.6	1
2	Nutraceuticals Obtained by SFE-CO <sub>2</sub> from Cladodes of Two <i>Opuntia ficus-indica</i> (L.) Mill Wild in Calabria. <i>Applied Sciences (Switzerland)</i> , <b>2021</b> , 11, 477	2.6	0
1	Collaboration of AR and ER $\alpha$ in conferring resistance to an aromatase inhibitor.. <i>Journal of Clinical Oncology</i> , <b>2013</b> , 31, 579-579	2.2	