

Domenico Iacopetta

List of Publications by Year in Descending Order

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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	Multidrug Resistance (MDR): A Widespread Phenomenon in Pharmacological Therapies.. <i>Molecules</i> , 2022 , 27,	4.8	22
78	A Review on the Antimicrobial Activity of Schiff Bases: Data Collection and Recent Studies.. <i>Antibiotics</i> , 2022 , 11,	4.9	17
77	COVID-19 at a Glance: An Up-to-Date Overview on Variants, Drug Design and Therapies.. <i>Viruses</i> , 2022 , 14,	6.2	5
76	Catalytic and Biological Activity of Silver and Gold Complexes Stabilized by NHC with Hydroxy Derivatives on Nitrogen Atoms. <i>Catalysts</i> , 2022 , 12, 18	4	1
75	Moving beyond the Tip of the Iceberg: DJ-1 Implications in Cancer Metabolism.. <i>Cells</i> , 2022 , 11,	7.9	2
74	Novel Au Carbene Complexes as Promising Multi-Target Agents in Breast Cancer Treatment. <i>Pharmaceuticals</i> , 2022 , 15, 507	5.2	4
73	Triclosan: A Small Molecule with Controversial Roles. <i>Antibiotics</i> , 2022 , 11, 735	4.9	2
72	New Achievements for the Treatment of Triple-Negative Breast Cancer. <i>Applied Sciences (Switzerland)</i> , 2022 , 12, 5554	2.6	1
71	Bis-Thiourea Quaternary Ammonium Salts as Potential Agents against Bacterial Strains from Food and Environmental Matrices.. <i>Antibiotics</i> , 2021 , 10,	4.9	2
70	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> , 2021 , 66, 102907	4.5	1
69	The Different Facets of Triclocarban: A Review. <i>Molecules</i> , 2021 , 26,	4.8	10
68	A Phenylacetamide Resveratrol Derivative Exerts Inhibitory Effects on Breast Cancer Cell Growth. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	6
67	Simple Thalidomide Analogs in Melanoma: Synthesis and Biological Activity. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 5823	2.6	2
66	Recent Advances in the Development of Thalidomide-Related Compounds as Anticancer Drugs. <i>Current Medicinal Chemistry</i> , 2021 ,	4.3	1
65	A Review on the Advancements in the Field of Metal Complexes with Schiff Bases as Antiproliferative Agents. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 6027	2.6	14
64	N-Heterocyclic Carbene-Gold(II) Complexes Targeting Actin Polymerization. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 5626	2.6	4
63	Diarylureas: Repositioning from Antitumor to Antimicrobials or Multi-Target Agents against New Pandemics. <i>Antibiotics</i> , 2021 , 10,	4.9	18

62	Schiff Bases: Interesting Scaffolds with Promising Antitumoral Properties. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 1877	2.6	13
61	Searching for Small Molecules as Antibacterials: Non-Cytotoxic Diarylureas Analogues of Triclocarban. <i>Antibiotics</i> , 2021 , 10,	4.9	6
60	Gold Derivatives Development as Prospective Anticancer Drugs for Breast Cancer Treatment. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 2089	2.6	4
59	Benzothiazole-Containing Analogues of Triclocarban with Potent Antibacterial Activity. <i>Antibiotics</i> , 2021 , 10,	4.9	3
58	Discovery of pyrrole derivatives for the treatment of glioblastoma and chronic myeloid leukemia. <i>European Journal of Medicinal Chemistry</i> , 2021 , 221, 113532	6.8	3
57	A Nitrocarbazole as a New Microtubule-Targeting Agent in Breast Cancer Treatment. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 9139	2.6	2
56	Diarylureas as Antitumor Agents. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 374	2.6	18
55	Nutraceuticals Obtained by SFE-CO ₂ from Cladodes of Two <i>Opuntia ficus-indica</i> (L.) Mill Wild in Calabria. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 477	2.6	0
54	The significant role of nutraceutical compounds in ulcerative colitis treatment.. <i>Current Medicinal Chemistry</i> , 2021 ,	4.3	1
53	Is the Way to Fight Cancer Paved with Gold? Metal-Based Carbene Complexes with Multiple and Fascinating Biological Features. <i>Pharmaceuticals</i> , 2020 , 13,	5.2	23
52	Development and characterization of antitumoral electrospun polycaprolactone/functionalized Fe ₃ O ₄ hybrid membranes. <i>Materials Today Chemistry</i> , 2020 , 17, 100309	6.2	12
51	Sol ¹ 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> , 2020 , 10, 2287	2.6	9
50	Carbazole Derivatives as Kinase-Targeting Inhibitors for Cancer Treatment. <i>Mini-Reviews in Medicinal Chemistry</i> , 2020 , 20, 444-465	3.2	8
49	From coins to cancer therapy: Gold, silver and copper complexes targeting human topoisomerases. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020 , 30, 126905	2.9	30
48	Synthesis of Pyridoclast Analogues: Insight into Their Druggability by Investigating Their Physicochemical Properties and Interactions with Membranes. <i>ChemMedChem</i> , 2020 , 15, 136-154	3.7	1
47	Newly Synthesized Imino-Derivatives Analogues of Resveratrol Exert Inhibitory Effects in Breast Tumor Cells. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	9
46	Pomegranate: Nutraceutical with Promising Benefits on Human Health. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 6915	2.6	13
45	Synthesis, anticancer and antioxidant properties of new indole and pyranoindole derivatives. <i>Bioorganic Chemistry</i> , 2020 , 105, 104440	5.1	8

44	Alkenyl-bis-S-Guanidine Thiourea Dihydrobromide Affects HeLa Cell Growth Hampering Tubulin Polymerization. <i>ChemMedChem</i> , 2020 , 15, 2306-2316	3.7	5
43	Carbazole Derivatives as Antiviral Agents: An Overview. <i>Molecules</i> , 2019 , 24,	4.8	43
42	Anchusa azurea Mill. (Boraginaceae) aerial parts methanol extract interfering with cytoskeleton organization induces programmed cancer cells death. <i>Food and Function</i> , 2019 , 10, 4280-4290	6.1	16
41	Benzothienoquinazolinones as new multi-target scaffolds: Dual inhibition of human Topoisomerase I and tubulin polymerization. <i>European Journal of Medicinal Chemistry</i> , 2019 , 181, 111583	6.8	26
40	E Caryophyllene: A Sesquiterpene with Countless Biological Properties. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 5420	2.6	51
39	Molecularly imprinted hydrogels for sustained release of sunitinib in breast cancer therapy. <i>Polymers for Advanced Technologies</i> , 2019 , 30, 743-748	3.2	13
38	N-thioalkylcarbazoles derivatives as new anti-proliferative agents: synthesis, characterisation and molecular mechanism evaluation. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2018 , 33, 434-444	5.6	26
37	Chloro-1,4-dimethyl-9H-carbazole Derivatives Displaying Anti-HIV Activity. <i>Molecules</i> , 2018 , 23,	4.8	11
36	N-Thiocarbazole-based gold nanoparticles: synthesis, characterization and anti-proliferative activity evaluation. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 459, 012023	0.4	3
35	Finding solutions for agricultural wastes: antioxidant and antitumor properties of pomegranate Akko peel extracts and Eglucan recovery. <i>Food and Function</i> , 2018 , 9, 6618-6631	6.1	31
34	Inhibition of Human Topoisomerase II by N,N,N-Trimethylethanammonium Iodide Alkylcarbazole Derivatives. <i>ChemMedChem</i> , 2018 , 13, 2635-2643	3.7	20
33	Old Drug Scaffold, New Activity: Thalidomide-Related Compounds Exert Different Effects on Breast Cancer Cell Growth and Progression. <i>ChemMedChem</i> , 2017 , 12, 381-389	3.7	34
32	Synthesis of sericin-based conjugates by click chemistry: enhancement of sunitinib bioavailability and cell membrane permeation. <i>Drug Delivery</i> , 2017 , 24, 482-490	7	8
31	Assessment of antioxidant, antitumor and pro-apoptotic effects of Salvia fruticosa Mill. subsp. thomasii (Lacaita) Brullo, Guglielmo, Pavone & Terrasi (Lamiaceae). <i>Food and Chemical Toxicology</i> , 2017 , 106, 155-164	4.7	31
30	New insights for the use of quercetin analogs in cancer treatment. <i>Future Medicinal Chemistry</i> , 2017 , 9, 2011-2028	4.1	40
29	Novel Gold and Silver Carbene Complexes Exert Antitumor Effects Triggering the Reactive Oxygen Species Dependent Intrinsic Apoptotic Pathway. <i>ChemMedChem</i> , 2017 , 12, 2054-2065	3.7	35
28	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> , 2017 , 96, 263-272	5.1	41
27	Synthesis and Antitumor Activity of New Group 3 Metallocene Complexes. <i>Molecules</i> , 2017 , 22,	4.8	12

26	Anti-Inflammatory, Antioxidant and Crystallographic Studies of N-Palmitoyl-ethanol Amine (PEA) Derivatives. <i>Molecules</i> , 2017 , 22,	4.8	10
25	N-heterocyclic carbene complexes of silver and gold as novel tools against breast cancer progression. <i>Future Medicinal Chemistry</i> , 2016 , 8, 2213-2229	4.1	33
24	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> , 2016 , 107, 275-87	6.8	31
23	Bergamot (Citrus bergamia Risso) Flavonoids and Their Potential Benefits in Human Hyperlipidemia and Atherosclerosis: an Overview. <i>Mini-Reviews in Medicinal Chemistry</i> , 2016 , 16, 619-29	3.2	33
22	Carbazole derivatives: a promising scenario for breast cancer treatment. <i>Mini-Reviews in Medicinal Chemistry</i> , 2016 , 16, 630-43	3.2	53
21	Sericin/Poly(ethylcyanoacrylate) Nanospheres by Interfacial Polymerization for Enhanced Bioefficacy of Fenofibrate: In Vitro and In Vivo Studies. <i>Biomacromolecules</i> , 2015 , 16, 3126-33	6.9	21
20	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> , 2015 , 23, 7302-12	3.4	34
19	Different 6-Aryl-Fulvenes Exert Anti-proliferative effects on Cancer Cells. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2015 , 15, 468-74	2.2	12
18	Hypocholesterolaemic activity of 3-hydroxy-3-methyl-glutaryl flavanones enriched fraction from bergamot fruit (Citrus bergamia): In vivo studies. <i>Journal of Functional Foods</i> , 2014 , 7, 558-568	5.1	45
17	N-alkyl carbazole derivatives as new tools for Alzheimer's disease: preliminary studies. <i>Molecules</i> , 2014 , 19, 9307-17	4.8	36
16	Acetylated hyaluronic acid: enhanced bioavailability and biological studies. <i>BioMed Research International</i> , 2014 , 2014, 921549	3	9
15	AR collaborates with ER α in aromatase inhibitor-resistant breast cancer. <i>Breast Cancer Research and Treatment</i> , 2014 , 147, 473-85	4.4	82
14	Collaboration of AR and ER α in conferring resistance to an aromatase inhibitor.. <i>Journal of Clinical Oncology</i> , 2013 , 31, 579-579	2.2	
13	G protein-coupled estrogen receptor mediates the up-regulation of fatty acid synthase induced by 17 β -estradiol in cancer cells and cancer-associated fibroblasts. <i>Journal of Biological Chemistry</i> , 2012 , 287, 43234-45	5.4	75
12	The Role of Androgen Receptor in Breast Cancer. <i>Drug Discovery Today Disease Mechanisms</i> , 2012 , 9, e19-e27		37
11	Interaction of fosfomycin with the glycerol 3-phosphate transporter of Escherichia coli. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2011 , 1810, 1323-9	4	18
10	A novel subfamily of mitochondrial dicarboxylate carriers from Drosophila melanogaster: biochemical and computational studies. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2011 , 1807, 251-614.6	4.6	16
9	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> , 2011 , 02, 157-162	0.9	3

8	The biochemical properties of the mitochondrial thiamine pyrophosphate carrier from <i>Drosophila melanogaster</i> . <i>FEBS Journal</i> , 2010 , 277, 1172-81	5.7	26
7	Phosphorylation of the mutant K303R estrogen receptor alpha at serine 305 affects aromatase inhibitor sensitivity. <i>Oncogene</i> , 2010 , 29, 2404-14	9.2	48
6	SLC37A1 gene expression is up-regulated by epidermal growth factor in breast cancer cells. <i>Breast Cancer Research and Treatment</i> , 2010 , 122, 755-64	4.4	23
5	Oleuropein and hydroxytyrosol inhibit MCF-7 breast cancer cell proliferation interfering with ERK1/2 activation. <i>Molecular Nutrition and Food Research</i> , 2010 , 54, 833-40	5.9	112
4	Structure-activity relationships of resveratrol and derivatives in breast cancer cells. <i>Molecular Nutrition and Food Research</i> , 2009 , 53, 845-58	5.9	34
3	Abundant expression and purification of biologically active mitochondrial citrate carrier in baculovirus-infected insect cells. <i>Journal of Bioenergetics and Biomembranes</i> , 2009 , 41, 289-97	3.7	15
2	Identification of the <i>Drosophila melanogaster</i> mitochondrial citrate carrier: bacterial expression, reconstitution, functional characterization and developmental distribution. <i>Journal of Biochemistry</i> , 2008 , 144, 389-92	3.1	27
1	A fourth ADP/ATP carrier isoform in man: identification, bacterial expression, functional characterization and tissue distribution. <i>FEBS Letters</i> , 2005 , 579, 633-7	3.8	163