

# Daniela De Vita

## 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.

62 papers	693 citations	16 h-index	22 g-index
66 ext. papers	877 ext. citations	4.4 avg, IF	3.69 L-index

#	Paper	IF	Citations
62	Synthesis and Evaluation of the Antifungal and Toxicological Activity of Nitrofuran Derivatives.. <i>Pharmaceutics</i> , <b>2022</b> , 14,	6.4	1
61	Evaluation of the Anti-Histoplasma capsulatum Activity of Indole and Nitrofuran Derivatives and Their Pharmacological Safety in Three-Dimensional Cell Cultures. <i>Pharmaceutics</i> , <b>2022</b> , 14, 1043	6.4	1
60	Design, Synthesis, and In Vitro, In Silico and In Cellulo Evaluation of New Pyrimidine and Pyridine Amide and Carbamate Derivatives as Multi-Functional Cholinesterase Inhibitors. <i>Pharmaceutics</i> , <b>2022</b> , 15, 673	5.2	0
59	Non-volatile compounds from Araucaria columnaris (G.Forst.) Hook leaves. <i>Biochemical Systematics and Ecology</i> , <b>2022</b> , 103, 104430	1.4	0
58	A new diterpene and other compounds from the unripe female cones of. <i>Natural Product Research</i> , <b>2021</b> , 35, 3839-3849	2.3	4
57	New Pyrimidine and Pyridine Derivatives as Multitarget Cholinesterase Inhibitors: Design, Synthesis, and and Evaluation. <i>ACS Chemical Neuroscience</i> , <b>2021</b> , 12, 4090-4112	5.7	2
56	Investigation of (Nees) Engl. Oil and Its Main Components for Antiviral Activity. <i>Pharmaceutics</i> , <b>2021</b> , 14,	5.2	4
55	Quinolinonyl Non-Diketo Acid Derivatives as Inhibitors of HIV-1 Ribonuclease H and Polymerase Functions of Reverse Transcriptase. <i>Journal of Medicinal Chemistry</i> , <b>2021</b> , 64, 8579-8598	8.3	1
54	Anti-Tumoral Effects of a (1-Pyrrol-1-yl)Methyl-1-Benzimidazole Carbamate Ester Derivative on Head and Neck Squamous Carcinoma Cell Lines. <i>Pharmaceutics</i> , <b>2021</b> , 14,	5.2	3
53	Design, synthesis and biological evaluation of a series of iron and copper chelating deferiprone derivatives as new agents active against Candida albicans. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2021</b> , 42, 128087	2.9	2
52	Recent Advances in Recovery of Lycopene from Tomato Waste: A Potent Antioxidant with Endless Benefits. <i>Molecules</i> , <b>2021</b> , 26,	4.8	13
51	Towards a new application of amaranth seed oil as an agent against. <i>Natural Product Research</i> , <b>2021</b> , 35, 4621-4626	2.3	8
50	Design, Synthesis and Biological Evaluation of New Pyrimidine Derivatives as Anticancer Agents. <i>Molecules</i> , <b>2021</b> , 26,	4.8	6
49	Small-molecule Inhibitors of HIV-1 Reverse Transcriptase-Associated Ribonuclease H Function: Challenges and Recent Developments. <i>Current Medicinal Chemistry</i> , <b>2021</b> , 28, 6146-6178	4.3	1
48	Pyrrolyl Pyrazoles as Non-Diketo Acid Inhibitors of the HIV-1 Ribonuclease H Function of Reverse Transcriptase. <i>ACS Medicinal Chemistry Letters</i> , <b>2020</b> , 11, 798-805	4.3	14
47	Assessment of the Cruzain Cysteine Protease Reversible and Irreversible Covalent Inhibition Mechanism. <i>Journal of Chemical Information and Modeling</i> , <b>2020</b> , 60, 1666-1677	6.1	16
46	-Lignans: Occurrence in Plants and Biological Activities-A Review. <i>Molecules</i> , <b>2020</b> , 25,	4.8	9

45	New deferiprone derivatives as multi-functional cholinesterase inhibitors: design, synthesis and in vitro evaluation. <i>European Journal of Medicinal Chemistry</i> , <b>2020</b> , 198, 112350	6.8	13
44	Molecular design aided by random forests and synthesis of potent trypanocidal agents as cruzain inhibitors for Chagas disease treatment. <i>Chemical Biology and Drug Design</i> , <b>2020</b> , 96, 948-960	2.9	0
43	Phytochemistry, Chemotaxonomy, and Biological Activities of the Araucariaceae Family-A Review. <i>Plants</i> , <b>2020</b> , 9,	4.5	14
42	N-Sulfonyl dipeptide nitriles as inhibitors of human cathepsin S: In silico design, synthesis and biochemical characterization. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2020</b> , 30, 127420	2.9	2
41	Synthesis and matched molecular pair analysis of covalent reversible inhibitors of the cysteine protease CPB. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2020</b> , 30, 127439	2.9	0
40	Harpagide: Occurrence in plants and biological activities - A review. <i>Phytotherapy Research</i> , <b>2020</b> , 147, 104764	3.2	4
39	Crystal structure of Leishmania mexicana cysteine protease B in complex with a high-affinity azadipeptide nitrile inhibitor. <i>Bioorganic and Medicinal Chemistry</i> , <b>2020</b> , 28, 115743	3.4	3
38	On the intrinsic reactivity of highly potent trypanocidal cruzain inhibitors. <i>RSC Medicinal Chemistry</i> , <b>2020</b> , 11, 1275-1284	3.5	5
37	Secondary metabolites of Moench inflorescences collected in Central Italy: chemotaxonomy relevance and phytochemical rationale of traditional use. <i>Natural Product Research</i> , <b>2020</b> , 34, 1167-1174	2.3	6
36	Comparison of different methods for the extraction of cannabinoids from cannabis. <i>Natural Product Research</i> , <b>2020</b> , 34, 2952-2958	2.3	20
35	Tegaserod for the Treatment of Irritable Bowel Syndrome. <i>Anti-Inflammatory and Anti-Allergy Agents in Medicinal Chemistry</i> , <b>2020</b> , 19, 342-369	2	8
34	Synthesis and structure-activity relationship of nitrile-based cruzain inhibitors incorporating a trifluoroethylamine-based P2 amide replacement. <i>Bioorganic and Medicinal Chemistry</i> , <b>2019</b> , 27, 115083	3.4	13
33	L. Genus: Systematics, Botany, Phytochemistry, Chemotaxonomy, Ethnopharmacology, and Other. <i>Plants</i> , <b>2019</b> , 8,	4.5	11
32	Anti-Inflammatory and Antioxidant Properties of Dehydrated Potato-Derived Bioactive Compounds in Intestinal Cells. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	14
31	Design, Synthesis, and Biological Evaluation of New 1-(Aryl-1 H-pyrrolyl)(phenyl)methyl-1 H-imidazole Derivatives as Antiprotozoal Agents. <i>Journal of Medicinal Chemistry</i> , <b>2019</b> , 62, 1330-1347	8.3	16
30	Searching for new agents active against Candida albicans biofilm: A series of indole derivatives, design, synthesis and biological evaluation. <i>European Journal of Medicinal Chemistry</i> , <b>2019</b> , 165, 93-106	6.8	16
29	Leveraging the cruzain S3 subsite to increase affinity for reversible covalent inhibitors. <i>Bioorganic Chemistry</i> , <b>2018</b> , 79, 285-292	5.1	16
28	Design, synthesis and biochemical evaluation of novel multi-target inhibitors as potential anti-Parkinson agents. <i>European Journal of Medicinal Chemistry</i> , <b>2018</b> , 143, 1543-1552	6.8	27

27	Novel Symmetrical Benzazolyl Derivatives Endowed with Potent Anti-Heparanase Activity. <i>Journal of Medicinal Chemistry</i> , <b>2018</b> , 61, 10834-10859	8.3	15
26	Experimental study and computational modelling of cruzain cysteine protease inhibition by dipeptidyl nitriles. <i>Physical Chemistry Chemical Physics</i> , <b>2018</b> , 20, 24317-24328	3.6	26
25	Biological evaluation and structure-activity relationships of imidazole-based compounds as antiprotozoal agents. <i>European Journal of Medicinal Chemistry</i> , <b>2018</b> , 156, 53-60	6.8	12
24	Inhibition of the $\alpha$ -carbonic anhydrase from <i>Vibrio cholerae</i> with amides and sulfonamides incorporating imidazole moieties. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , <b>2017</b> , 32, 798-804	5.6	25
23	A comparative study of warheads for design of cysteine protease inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2017</b> , 27, 5031-5035	2.9	23
22	New pyridine derivatives as inhibitors of acetylcholinesterase and amyloid aggregation. <i>European Journal of Medicinal Chemistry</i> , <b>2017</b> , 141, 197-210	6.8	20
21	Exploring the anti-biofilm activity of cinnamic acid derivatives in <i>Candida albicans</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2016</b> , 26, 5931-5935	2.9	18
20	In vitro screening of 2-(1H-imidazol-1-yl)-1-phenylethanol derivatives as antiprotozoal agents and docking studies on <i>Trypanosoma cruzi</i> CYP51. <i>European Journal of Medicinal Chemistry</i> , <b>2016</b> , 113, 28-33	6.8	14
19	Discovery of in vitro antitubercular agents through in silico ligand-based approaches. <i>European Journal of Medicinal Chemistry</i> , <b>2016</b> , 121, 169-180	6.8	20
18	New N,N-dimethylcarbamate inhibitors of acetylcholinesterase: design synthesis and biological evaluation. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , <b>2016</b> , 31, 106-113	5.6	10
17	(Thiazol-2-yl)hydrazone derivatives from acetylpyridines as dual inhibitors of MAO and AChE: synthesis, biological evaluation and molecular modeling studies. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , <b>2015</b> , 30, 908-19	5.6	28
16	Efficient Synthesis of 3,5-Dicarbamoyl-1,4-dihydropyridines from Pyridinium Salts: Key Molecules in Understanding NAD(P) <sup>+</sup> /NAD(P)H Pathways. <i>Journal of Heterocyclic Chemistry</i> , <b>2015</b> , 52, 221-226	1.9	3
15	Design, synthesis and evaluation of 3,4-dihydroxybenzoic acid derivatives as antioxidants, bio-metal chelating agents and acetylcholinesterase inhibitors. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , <b>2015</b> , 30, 166-72	5.6	4
14	Activity of caffeic acid derivatives against <i>Candida albicans</i> biofilm. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2014</b> , 24, 1502-5	2.9	48
13	Structural basis for rational design of inhibitors targeting <i>Trypanosoma cruzi</i> sterol 14 $\alpha$ -demethylase: two regions of the enzyme molecule potentiate its inhibition. <i>Journal of Medicinal Chemistry</i> , <b>2014</b> , 57, 6704-17	8.3	30
12	Synthesis, biological evaluation and structure-activity correlation study of a series of imidazol-based compounds as <i>Candida albicans</i> inhibitors. <i>European Journal of Medicinal Chemistry</i> , <b>2014</b> , 83, 665-73	6.8	13
11	Efficient electrochemical N-alkylation of N-boc-protected 4-aminopyridines: towards new biologically active compounds. <i>ISRN Organic Chemistry</i> , <b>2014</b> , 2014, 621592		2
10	Pharmacophore assessment through 3-D QSAR: evaluation of the predictive ability on new derivatives by the application on a series of antitubercular agents. <i>Journal of Chemical Information and Modeling</i> , <b>2013</b> , 53, 1463-74	6.1	7

9	New Promising Compounds with in Vitro Nanomolar Activity against Trypanosoma cruzi. <i>ACS Medicinal Chemistry Letters</i> , <b>2013</b> , 4, 538-41	4.3	13
8	Synthesis and antifungal activity of a new series of 2-(1H-imidazol-1-yl)-1-phenylethanol derivatives. <i>European Journal of Medicinal Chemistry</i> , <b>2012</b> , 49, 334-42	6.8	31
7	Electrogenerated acetonitrile anion induced selective N-alkylation of bifunctional compounds. <i>Tetrahedron Letters</i> , <b>2012</b> , 53, 2564-2567	2	6
6	Carprofen analogues as sirtuin inhibitors: enzyme and cellular studies. <i>ChemMedChem</i> , <b>2012</b> , 7, 1905-8	3.7	10
5	Activity of drugs against dormant Mycobacterium tuberculosis. <i>Journal of Chemotherapy</i> , <b>2011</b> , 23, 175-8	8.3	4
4	Simple choline esters as potential anti-Alzheimer agents. <i>Current Pharmaceutical Design</i> , <b>2010</b> , 16, 692-7	3.3	7
3	Choline pivaloyl ester enhances brain expression of both nerve growth factor and high-affinity receptor TrkA, and reverses memory and cognitive deficits, in rats with excitotoxic lesion of nucleus basalis magnocellularis. <i>Behavioural Brain Research</i> , <b>2008</b> , 190, 22-32	3.4	6
2	4-Aminopyridine derivatives with anticholinesterase and anti-amnesic activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2008</b> , 18, 309-12	2.9	11
1	Choline pivaloyl ester strengthened the benefit effects of Tacrine and Galantamine on electroencephalographic and cognitive performances in nucleus basalis magnocellularis-lesioned and aged rats. <i>Pharmacology Biochemistry and Behavior</i> , <b>2006</b> , 84, 453-67	3.9	12