

# Maria Stefania Sinicropi

## List of Publications by Year in descending order

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114  
papers

5,800  
citations

94433

37  
h-index

88630

70  
g-index

119  
all docs

119  
docs citations

119  
times ranked

5797  
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent Advances in the Development of Thalidomide-Related Compounds as Anticancer Drugs. Current Medicinal Chemistry, 2022, 29, 19-40.	2.4	8
2	Multidrug Resistance (MDR): A Widespread Phenomenon in Pharmacological Therapies. Molecules, 2022, 27, 616.	3.8	155
3	A Review on the Antimicrobial Activity of Schiff Bases: Data Collection and Recent Studies. Antibiotics, 2022, 11, 191.	3.7	120
4	COVID-19 at a Glance: An Up-to-Date Overview on Variants, Drug Design and Therapies. Viruses, 2022, 14, 573.	3.3	38
5	The Significant Role of Nutraceutical Compounds in Ulcerative Colitis Treatment. Current Medicinal Chemistry, 2022, 29, 4216-4234.	2.4	12
6	Catalytic and Biological Activity of Silver and Gold Complexes Stabilized by NHC with Hydroxy Derivatives on Nitrogen Atoms. Catalysts, 2022, 12, 18.	3.5	10
7	A Comprehensive Review on Pyranoindole-containing Agents. Current Medicinal Chemistry, 2022, 29, 3667-3683.	2.4	7
8	Moving beyond the Tip of the Iceberg: DJ-1 Implications in Cancer Metabolism. Cells, 2022, 11, 1432.	4.1	7
9	Novel Au Carbene Complexes as Promising Multi-Target Agents in Breast Cancer Treatment. Pharmaceuticals, 2022, 15, 507.	3.8	16
10	Triclosan: A Small Molecule with Controversial Roles. Antibiotics, 2022, 11, 735.	3.7	22
11	New Achievements for the Treatment of Triple-Negative Breast Cancer. Applied Sciences (Switzerland), 2022, 12, 5554.	2.5	11
12	Arsenic: A Review on a Great Health Issue Worldwide. Applied Sciences (Switzerland), 2022, 12, 6184.	2.5	61
13	A Resveratrol Phenylacetamide Derivative Perturbs the Cytoskeleton Dynamics Interfering with the Migration Potential in Breast Cancer. Applied Sciences (Switzerland), 2022, 12, 6531.	2.5	1
14	Thidiazuron: New Trends and Future Perspectives to Fight Xylella fastidiosa in Olive Trees. Antibiotics, 2022, 11, 947.	3.7	6
15	Diarylureas: Repositioning from Antitumor to Antimicrobials or Multi-Target Agents against New Pandemics. Antibiotics, 2021, 10, 92.	3.7	35
16	The Double Face of Metals: The Intriguing Case of Chromium. Applied Sciences (Switzerland), 2021, 11, 638.	2.5	64
17	Schiff Bases: Interesting Scaffolds with Promising Antitumoral Properties. Applied Sciences (Switzerland), 2021, 11, 1877.	2.5	52
18	Special Issue on “The Design, Synthesis and Biological Evaluation of Compounds with Medicinal Value”, Applied Sciences (Switzerland), 2021, 11, 1904.	2.5	0

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19	Searching for Small Molecules as Antibacterials: Non-Cytotoxic Diarylureas Analogues of Triclocarban. <i>Antibiotics</i> , 2021, 10, 204.	3.7	11
20	Gold Derivatives Development as Prospective Anticancer Drugs for Breast Cancer Treatment. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 2089.	2.5	10
21	The Different Facets of Triclocarban: A Review. <i>Molecules</i> , 2021, 26, 2811.	3.8	40
22	A Phenylacetamide Resveratrol Derivative Exerts Inhibitory Effects on Breast Cancer Cell Growth. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5255.	4.1	15
23	Simple Thalidomide Analogs in Melanoma: Synthesis and Biological Activity. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 5823.	2.5	6
24	Carbazole and Simplified Derivatives: Novel Tools toward $\beta$ -Adrenergic Receptors Targeting. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 5486.	2.5	7
25	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.	2.5	61
26	N-Heterocyclic Carbene-Gold(I) Complexes Targeting Actin Polymerization. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 5626.	2.5	16
27	Carbazole Derivatives as STAT Inhibitors: An Overview. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 6192.	2.5	8
28	Benzothiazole-Containing Analogues of Triclocarban with Potent Antibacterial Activity. <i>Antibiotics</i> , 2021, 10, 803.	3.7	13
29	Thallium Use, Toxicity, and Detoxification Therapy: An Overview. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 8322.	2.5	27
30	Discovery of pyrrole derivatives for the treatment of glioblastoma and chronic myeloid leukemia. <i>European Journal of Medicinal Chemistry</i> , 2021, 221, 113532.	5.5	12
31	A Nitrocarbazole as a New Microtubule-Targeting Agent in Breast Cancer Treatment. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 9139.	2.5	7
32	Diarylureas as Antitumor Agents. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 374.	2.5	37
33	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> , 2021, 11, 477.	2.5	3
34	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.	3.0	8
35	Bis-Thiourea Quaternary Ammonium Salts as Potential Agents against Bacterial Strains from Food and Environmental Matrices. <i>Antibiotics</i> , 2021, 10, 1466.	3.7	6
36	From coins to cancer therapy: Gold, silver and copper complexes targeting human topoisomerases. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 126905.	2.2	52

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37	Synthesis of Pyridoclast Analogues: Insight into Their Druggability by Investigating Their Physicochemical Properties and Interactions with Membranes. <i>ChemMedChem</i> , 2020, 15, 136-154.	3.2	4
38	The Discovery of Highly Potent THP Derivatives as OCTN2 Inhibitors: From Structure-Based Virtual Screening to In Vivo Biological Activity. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7431.	4.1	7
39	Newly Synthesized Imino-Derivatives Analogues of Resveratrol Exert Inhibitory Effects in Breast Tumor Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7797.	4.1	21
40	Pomegranate: Nutraceutical with Promising Benefits on Human Health. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 6915.	2.5	32
41	Synthesis, anticancer and antioxidant properties of new indole and pyranoindole derivatives. <i>Bioorganic Chemistry</i> , 2020, 105, 104440.	4.1	24
42	1-(2-((E)-3-oxo-1-phenylbut-3-en-1-yl)-2-oxoethyl)-1H-imidazole-4-carboxamide Dihydrobromide Affects HeLa Cell Growth Hampering Tubulin Polymerization. <i>ChemMedChem</i> , 2020, 15, 2306-2316.	3.2	8
43	Is the Way to Fight Cancer Paved with Gold? Metal-Based Carbene Complexes with Multiple and Fascinating Biological Features. <i>Pharmaceuticals</i> , 2020, 13, 91.	3.8	45
44	The Effects of Cadmium Toxicity. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 3782.	2.6	1,100
45	Nickel: Human Health and Environmental Toxicology. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 679.	2.6	685
46	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> , 2020, 10, 2287.	2.5	20
47	Carbazole Derivatives as Kinase-Targeting Inhibitors for Cancer Treatment. <i>Mini-Reviews in Medicinal Chemistry</i> , 2020, 20, 444-465.	2.4	12
48	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.	5.5	32
49	Carbazole Derivatives as Antiviral Agents: An Overview. <i>Molecules</i> , 2019, 24, 1912.	3.8	75
50	<i>Anchusa azurea</i> Mill. (Boraginaceae) aerial parts methanol extract interfering with cytoskeleton organization induces programmed cancer cells death. <i>Food and Function</i> , 2019, 10, 4280-4290.	4.6	31
51	Progress to Improve Oral Bioavailability and Beneficial Effects of Resveratrol. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1381.	4.1	193
52	Quercetin and its derivative Q2 modulate chromatin dynamics in adipogenesis and Q2 prevents obesity and metabolic disorders in rats. <i>Journal of Nutritional Biochemistry</i> , 2019, 69, 151-162.	4.2	40
53	$\beta$ -Caryophyllene: A Sesquiterpene with Countless Biological Properties. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 5420.	2.5	139
54	Molecularly imprinted hydrogels for sustained release of sunitinib in breast cancer therapy. <i>Polymers for Advanced Technologies</i> , 2019, 30, 743-748.	3.2	21

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55	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.	5.2	39
56	Finding solutions for agricultural wastes: antioxidant and antitumor properties of pomegranate <i>Akko</i> peel extracts and I <sup>2</sup> -glucan recovery. <i>Food and Function</i> , 2018, 9, 6618-6631.	4.6	50
57	Inhibition of Human Topoisomerase II by <i>N</i>,<i>N</i>,<i>N</i>-Trimethylethanammonium Iodide Alkylcarbazole Derivatives. <i>ChemMedChem</i> , 2018, 13, 2635-2643.	3.2	28
58	Chloro-1,4-dimethyl-9H-carbazole Derivatives Displaying Anti-HIV Activity. <i>Molecules</i> , 2018, 23, 286.	3.8	15
59	Oxidative stress and neurodegeneration: the involvement of iron. <i>BioMetals</i> , 2018, 31, 715-735.	4.1	120
60	Role of Calabrian Black Rice in Metabolic Syndrome: In vitro Evaluation of <i>Oryza sativa</i> L. Indica Biological Properties. <i>Current Nutrition and Food Science</i> , 2018, 14, 121-127.	0.6	4
61	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.	3.2	44
62	Synthesis of sericin-based conjugates by click chemistry: enhancement of sunitinib bioavailability and cell membrane permeation. <i>Drug Delivery</i> , 2017, 24, 482-490.	5.7	11
63	Biopolymeric self-assembled nanoparticles for enhanced antibacterial activity of Ag-based compounds. <i>International Journal of Pharmaceutics</i> , 2017, 517, 395-402.	5.2	10
64	New insights for the use of quercetin analogs in cancer treatment. <i>Future Medicinal Chemistry</i> , 2017, 9, 2011-2028.	2.3	59
65	Polymeric nanoparticle constructs as devices for antibacterial therapy. <i>Current Opinion in Pharmacology</i> , 2017, 36, 72-77.	3.5	42
66	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.	3.2	47
67	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.	4.0	49
68	Synthesis and Antitumor Activity of New Group 3 Metallocene Complexes. <i>Molecules</i> , 2017, 22, 526.	3.8	13
69	Anti-Inflammatory, Antioxidant and Crystallographic Studies of N-Palmitoyl-ethanol Amine (PEA) Derivatives. <i>Molecules</i> , 2017, 22, 616.	3.8	15
70	Mercury Exposure and Heart Diseases. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 74.	2.6	211
71	Response to Comment on Giuseppe Genchi et al. Mercury Exposure and Heart Diseases. <i>Int. J. Environ. Res. Public Health</i> 2017, 14, 74. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 761.	2.6	20
72	<i>N</i>-heterocyclic carbene complexes of silver and gold as novel tools against breast cancer progression. <i>Future Medicinal Chemistry</i> , 2016, 8, 2213-2229.	2.3	49

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73	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, 275-287.	5.5	39
74	Lead Toxicity, Antioxidant Defense and Environment. <i>Reviews of Environmental Contamination and Toxicology</i> , 2016, 238, 45-67.	1.3	61
75	Quercetin derivatives as novel antihypertensive agents: Synthesis and physiological characterization. <i>European Journal of Pharmaceutical Sciences</i> , 2016, 82, 161-170.	4.0	43
76	Carbazole derivatives: a promising scenario for breast cancer treatment. <i>Mini-Reviews in Medicinal Chemistry</i> , 2016, 16, 630-643.	2.4	60
77	Resveratrol and Its Analogs As Antitumoral Agents For Breast Cancer Treatment. <i>Mini-Reviews in Medicinal Chemistry</i> , 2016, 16, 699-709.	2.4	27
78	Identification of Lead Compounds as Inhibitors of STAT3: Design, Synthesis and Bioactivity. <i>Molecular Informatics</i> , 2015, 34, 689-697.	2.5	14
79	Indenopyrazole oxime ethers: Synthesis and $\beta$ -adrenergic blocking activity. <i>European Journal of Medicinal Chemistry</i> , 2015, 92, 672-681.	5.5	21
80	Controlled release of sunitinib in targeted cancer therapy: smart magnetically responsive hydrogels as restricted access materials. <i>RSC Advances</i> , 2015, 5, 65308-65315.	3.6	34
81	Sericin/Poly(ethylcyanoacrylate) Nanospheres by Interfacial Polymerization for Enhanced Bioefficacy of Fenofibrate: In Vitro and In Vivo Studies. <i>Biomacromolecules</i> , 2015, 16, 3126-3133.	5.4	28
82	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, 7302-7312.	3.0	37
83	(6-Bromo-1,4-dimethyl-9 <i>H</i> -carbazol-3-yl-methylene)-hydrazine (Carbhydraz) Acts as a GPER Agonist in Breast Cancer Cells. <i>Current Topics in Medicinal Chemistry</i> , 2015, 15, 1035-1042.	2.1	27
84	Crystallographic Study and Biological Evaluation of 1,4-dimethyl-N-alkylcarbazoles. <i>Current Topics in Medicinal Chemistry</i> , 2015, 15, 973-979.	2.1	19
85	Different 6-Aryl-Fulvenes Exert Anti-proliferative effects on Cancer Cells. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2015, 15, 468-474.	1.7	12
86	Acetylated Hyaluronic Acid: Enhanced Bioavailability and Biological Studies. <i>BioMed Research International</i> , 2014, 2014, 1-7.	1.9	18
87	New Trimethoxybenzamides and Trimethoxyphenylureas Derived from Dimethylcarbazole as Cytotoxic Agents. Part I. <i>Journal of Heterocyclic Chemistry</i> , 2014, 51, E294.	2.6	23
88	Synthesis and evaluation of cytotoxic activities of new guanidines derived from carbazoles. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 467-472.	2.2	35
89	Enhanced cellular uptake by $\alpha$ -pharmaceutically oriented devices of new simplified analogs of Linezolid with antimicrobial activity. <i>International Journal of Pharmaceutics</i> , 2014, 461, 163-170.	5.2	16
90	Mercury Toxicity and Neurodegenerative Effects. <i>Reviews of Environmental Contamination and Toxicology</i> , 2014, 229, 1-18.	1.3	142

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91	Magnetic molecularly imprinted polymers (MMIPs) for carbazole derivative release in targeted cancer therapy. <i>Journal of Materials Chemistry B</i> , 2014, 2, 6619-6625.	5.8	73
92	Four Partners, Three-Step, One-Pot Reaction for a Library of New 2-Alkyl(dialkyl)aminoquinazolin-4(3 <i>H</i> )-ones. <i>Journal of Heterocyclic Chemistry</i> , 2014, 51, E282.	2.6	8
93	New titanocene derivatives with high antiproliferative activity against breast cancer cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 136-140.	2.2	19
94	N-Alkyl Carbazole Derivatives as New Tools for Alzheimer's Disease: Preliminary Studies. <i>Molecules</i> , 2014, 19, 9307-9317.	3.8	41
95	Melatonergic drugs in development. <i>Clinical Pharmacology: Advances and Applications</i> , 2014, 6, 127.	1.2	26
96	Synthesis, characterization and cytotoxic activity on breast cancer cells of new half-titanocene derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 3458-3462.	2.2	38
97	Synthesis and cytotoxic activity evaluation of 2,3-thiazolidin-4-one derivatives on human breast cancer cell lines. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 4990-4995.	2.2	62
98	Biological activity of 3-chloro-azetidin-2-one derivatives having interesting antiproliferative activity on human breast cancer cell lines. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 6401-6405.	2.2	45
99	Synthesis and biological evaluation of new N-alkylcarbazole derivatives as STAT3 inhibitors: Preliminary study. <i>European Journal of Medicinal Chemistry</i> , 2013, 60, 112-119.	5.5	38
100	Antiproliferative activity of some 1,4-dimethylcarbazoles on cells that express estrogen receptors: part I. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2012, 27, 609-613.	5.2	33
101	MIBE acts as antagonist ligand of both estrogen receptor $\alpha$ and GPER in breast cancer cells. <i>Breast Cancer Research</i> , 2012, 14, R12.	5.0	81
102	Synthesis of novel 7-oxo and 7-hydroxy trifluoroalcolchicinoids with cytotoxic effect. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 2614-2623.	3.0	9
103	Chemical and biological properties of toxic metals and use of chelating agents for the pharmacological treatment of metal poisoning. <i>Archives of Toxicology</i> , 2010, 84, 501-520.	4.2	95
104	Behavior of acetyl-L-carnitine injections (Nicetile® fiale) with different drugs used for combined therapy. <i>Advances in Therapy</i> , 2010, 27, 547-554.	2.9	2
105	Acetamide Derivatives with Antioxidant Activity and Potential Anti-Inflammatory Activity. <i>Molecules</i> , 2010, 15, 2028-2038.	3.8	48
106	A rapid and versatile synthesis of novel pyrimido[5,4-b]carbazoles. <i>Tetrahedron</i> , 2009, 65, 10400-10405.	1.9	33
107	Synthesis, inhibition of NO production and antiproliferative activities of some indole derivatives. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2009, 24, 1148-1153.	5.2	37
108	Constrained analogues of tocainide as potent skeletal muscle sodium channel blockers towards the development of antimyotonic agents. <i>European Journal of Medicinal Chemistry</i> , 2008, 43, 2535-2540.	5.5	35

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109	Efficient and Simple Synthesis of 6-Aryl-1,4-dimethyl-9H-carbazoles. <i>Molecules</i> , 2008, 13, 1312-1320.	3.8	36
110	Novel and Efficient Synthesis of 5,8-Dimethyl-9H-carbazol-3-ol via a Hydroxydeboronation Reaction. <i>Heterocycles</i> , 2007, 71, 2203.	0.7	28
111	AT <sub>1</sub> Receptor Ligands: Virtualâ€Screeningâ€Based Design with TOPP Descriptors, Synthesis, and Biological Evaluation of Pyrrolidine Derivatives. <i>ChemMedChem</i> , 2007, 2, 1298-1310.	3.2	8
112	Chemical and chemoenzymatic routes to 1-(benzothiazol-2-ylsulfanyl)-3-chloropropan-2-ol, a precursor of drugs with potential $\beta$ -blocker activity. <i>Tetrahedron: Asymmetry</i> , 2000, 11, 1571-1583.	1.8	25
113	Synthesis and spectroscopic properties of di-2-pyridyl sulfide (dps) compounds. Crystal structure of [Ru(dps)2Cl2]. <i>Journal of the Chemical Society Dalton Transactions</i> , 1995, , 17-24.	1.1	30
114	Synthesis and x-ray analysis of the dirhodium(II,II) carboxylate complex Rh2(O2CCH3)4(formH)2 (form) Tj ETQq0 0.0 rgBT /Overlock 10	2.4	13