

Giuseppe Zagotto

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.

53 papers	681 citations	16 h-index	22 g-index
54 ext. papers	787 ext. citations	4 avg, IF	4.12 L-index

#	Paper	IF	Citations
53	ROS-Scavenging Selenofluoxetine Derivatives Inhibit Serotonin Reuptake.. <i>ACS Omega</i> , 2022 , 7, 8314-8323	3.3	5
52	Evidence on selective binding to G-quadruplex DNA of isoflavones from by mass spectrometry and molecular docking. <i>Natural Product Research</i> , 2021 , 35, 2583-2587	2.3	7
51	Selenoxide Elimination Triggers Enamine Hydrolysis to Primary and Secondary Amines: A Combined Experimental and Theoretical Investigation. <i>Molecules</i> , 2021 , 26,	4.8	1
50	Natural phosphodiesterase 5 (PDE5) inhibitors: a computational approach. <i>Natural Product Research</i> , 2021 , 35, 1648-1653	2.3	10
49	Enhanced G-quadruplex selectivity of flavonoid glycoside rutin over quercetin. <i>Natural Product Research</i> , 2020 , 1-5	2.3	2
48	Photoactivated semi-synthetic derivative of osajin selectively interacts with G-quadruplex DNA. <i>Natural Product Research</i> , 2020 , 1-6	2.3	3
47	Therapeutic Potential of Phosphodiesterase Inhibitors against Neurodegeneration: The Perspective of the Medicinal Chemist. <i>ACS Chemical Neuroscience</i> , 2020 , 11, 1726-1739	5.7	12
46	Fluoxetine scaffold to design tandem molecular antioxidants and green catalysts.. <i>RSC Advances</i> , 2020 , 10, 18583-18593	3.7	11
45	Plant natural products with anti-thyroid cancer activity. <i>Phytotherapy Research</i> , 2020 , 146, 104640	3.2	9
44	2-(3,4-Dihydroxyphenyl)-4-(2-(4-nitrophenyl)hydrazono)-4H-chromene-3,5,7-triol. <i>MolBank</i> , 2020 , 2020, M1144	0.5	5
43	Design and synthesis of a peptide derivative of ametantrone targeting the major groove of the d(GGCGCC)2 palindromic sequence. <i>New Journal of Chemistry</i> , 2020 , 44, 3624-3631	3.6	2
42	A new sensitive and subunit-selective molecular tool for investigating protein kinase A in the brain. <i>Archiv Der Pharmazie</i> , 2020 , 353, e1900326	4.3	
41	A novel class of selective CK2 inhibitors targeting its open hinge conformation. <i>European Journal of Medicinal Chemistry</i> , 2020 , 195, 112267	6.8	8
40	Combinatorial library generation, molecular docking and molecular dynamics simulations for enhancing the isoflavone scaffold in phosphodiesterase inhibition. <i>New Journal of Chemistry</i> , 2020 , 44, 19472-19488	3.6	3
39	Antioxidant Potential of Psychotropic Drugs: From Clinical Evidence to In Vitro and In Vivo Assessment and toward a New Challenge for in Silico Molecular Design. <i>Antioxidants</i> , 2020 , 9,	7.1	19
38	Major Depressive Disorder and Oxidative Stress: In Silico Investigation of Fluoxetine Activity against ROS. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 3631	2.6	18
37	Investigation of the molecular reactivity of bioactive oxiranylmethoxy anthraquinones. <i>Archiv Der Pharmazie</i> , 2019 , 352, e1900030	4.3	6

36	Semi-synthetic isoflavones as BACE-1 inhibitors against Alzheimer's disease. <i>Bioorganic Chemistry</i> , 2019 , 87, 474-483	5.1	14
35	Pharmacophore-guided discovery of CDC25 inhibitors causing cell cycle arrest and tumor regression. <i>Scientific Reports</i> , 2019 , 9, 1335	4.9	11
34	Psychiatric Disorders and Oxidative Injury: Antioxidant Effects of Zolpidem Therapy disclosed. <i>Computational and Structural Biotechnology Journal</i> , 2019 , 17, 311-318	6.8	18
33	Synthesis and biological evaluation of heteroalicyclic cyanoguanidines at histamine receptors. <i>Archiv Der Pharmazie</i> , 2019 , 352, e1900107	4.3	0
32	Natural Compounds Promoting Weight Loss: Mechanistic Insights from the Point of View of the Medicinal Chemist. <i>Natural Products Journal</i> , 2019 , 9, 78-85	0.6	4
31	Photo-induced spin switching in a modified anthraquinone modulated by DNA binding. <i>Photochemical and Photobiological Sciences</i> , 2019 , 18, 2199-2207	4.2	1
30	Synthesis via A3 Coupling Reaction of Anthracene-Propargylamine as a New Scaffold for the Interaction with DNA. <i>ChemistrySelect</i> , 2019 , 4, 13138-13142	1.8	7
29	Preliminary studies of berberine and its semi-synthetic derivatives as a promising class of multi-target anti-parkinson agents. <i>Natural Product Research</i> , 2018 , 32, 1395-1401	2.3	15
28	Overcoming resistance in non-small-cell lung cancer: A practical lesson for the medicinal chemist. <i>Archiv Der Pharmazie</i> , 2018 , 351, e1800037	4.3	7
27	5-Hydroxy-3-(4-hydroxyphenyl)-8,8-dimethyl-6-(3-methylbut-2-enyl)pyrano[2,3-h]chromen-4-one. <i>MolBank</i> , 2018 , 2018, M1004	0.5	7
26	Mechanistic Insight into the Oxidation of Organic Phenylselenides by H ₂ O ₂ . <i>Chemistry - A European Journal</i> , 2017 , 23, 2405-2422	4.8	41
25	Synthesis and Evaluation of New Naphthalene and Naphthoquinone Derivatives as Anticancer Agents. <i>Archiv Der Pharmazie</i> , 2017 , 350, e1600286	4.3	7
24	Antiproliferative activity of Juglone derivatives on rat glioma. <i>Natural Product Research</i> , 2017 , 31, 632-638	3.8	12
23	An Overview of New Possible Treatments of Alzheimer's Disease, Based on Natural Products and Semi-Synthetic Compounds. <i>Current Medicinal Chemistry</i> , 2017 , 24, 3749-3773	4.3	21
22	The Medicinal Chemistry of Natural and Semisynthetic Compounds against Parkinson's and Huntington's Diseases. <i>ACS Chemical Neuroscience</i> , 2017 , 8, 2356-2368	5.7	19
21	Constrained bisantrene derivatives as G-quadruplex binders. <i>Arkivoc</i> , 2016 , 2016, 145-160	0.9	10
20	New Therapeutic Applications of Phosphodiesterase 5 Inhibitors (PDE5-Is). <i>Current Medicinal Chemistry</i> , 2016 , 23, 1239-49	4.3	27
19	Semi-synthetic derivatives of natural isoflavones from <i>Maclura pomifera</i> as a novel class of PDE-5A inhibitors. <i>Phytotherapy Research</i> , 2015 , 105, 132-8	3.2	16

18	New naphthoquinone derivatives against glioma cells. <i>European Journal of Medicinal Chemistry</i> , 2015 , 96, 458-66	6.8	16
17	The Old Made New: Natural Compounds against Erectile Dysfunction. <i>Archiv Der Pharmazie</i> , 2015 , 348, 607-14	4.3	22
16	Novel ametantrone-amsacrine related hybrids as topoisomerase II α poisons and cytotoxic agents. <i>Archiv Der Pharmazie</i> , 2014 , 347, 728-37	4.3	7
15	Electron paramagnetic resonance (EPR) study of spin-labeled camptothecin derivatives: a different look of the ternary complex. <i>Journal of Medicinal Chemistry</i> , 2011 , 54, 1003-9	8.3	12
14	Tuning G-quadruplex vs double-stranded DNA recognition in regioisomeric lysyl-peptidyl-anthraquinone conjugates. <i>Bioconjugate Chemistry</i> , 2011 , 22, 2126-35	6.3	34
13	8-Hydroxynaphthalene-1,4-dione derivative as novel compound for glioma treatment. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011 , 21, 2079-82	2.9	4
12	Remarkable interference with telomeric function by a G-quadruplex selective bisantrene regioisomer. <i>Biochemical Pharmacology</i> , 2010 , 79, 1781-90	6	16
11	Rational design, synthesis, and DNA binding properties of novel sequence-selective peptidyl congeners of ametantrone. <i>ChemMedChem</i> , 2010 , 5, 1080-91	3.7	13
10	Scouting Novel Protein Kinase A (PKA) Inhibitors by Using a Consensus Docking-Based Virtual Screening Approach. <i>Letters in Drug Design and Discovery</i> , 2009 , 6, 327-336	0.8	6
9	Aminoacyl-anthraquinone conjugates as telomerase inhibitors: synthesis, biophysical and biological evaluation. <i>Journal of Medicinal Chemistry</i> , 2008 , 51, 5566-74	8.3	50
8	Development of DNA topoisomerase-related therapeutics: a short perspective of new challenges. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2004 , 4, 335-45		23
7	Sequence-specific interactions of drugs interfering with the topoisomerase-DNA cleavage complex. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2002 , 1587, 145-54	6.9	23
6	A versatile synthesis of the 1,4-dihydroxynaphthoquinone nucleus. <i>Tetrahedron Letters</i> , 2000 , 41, 6631-6634	6.3	7
5	Synthesis, DNA-damaging and cytotoxic properties of novel topoisomerase II-directed bisantrene analogues. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1998 , 8, 121-6	2.9	7
4	Mapping drug interactions at the covalent topoisomerase II-DNA complex by bisantrene/amsacrine congeners. <i>Journal of Biological Chemistry</i> , 1998 , 273, 12732-9	5.4	26
3	DNA-binding preferences of bisantrene analogues: relevance to the sequence specificity of drug-mediated topoisomerase II poisoning. <i>Molecular Pharmacology</i> , 1998 , 54, 1036-45	4.3	12
2	Preferred interaction of D-peptidyl-anthraquinones with double-stranded B-DNA. <i>International Journal of Biological Macromolecules</i> , 1997 , 21, 319-26	7.9	6
1	Peptidyl anthraquinones as potential antineoplastic drugs: synthesis, DNA binding, redox cycling, and biological activity. <i>Journal of Medicinal Chemistry</i> , 1996 , 39, 3114-22	8.3	39

