Giuseppe Zagotto

List of Publications by Citations

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	Aminoacyl-anthraquinone conjugates as telomerase inhibitors: synthesis, biophysical and biological evaluation. *Journal of Medicinal Chemistry*, **2008**, 51, 5566-74	8.3	50
52	Mechanistic Insight into the Oxidation of Organic Phenylselenides by H O. *Chemistry - A European Journal*, **2017**, 23, 2405-2422	4.8	41
51	Peptidyl anthraquinones as potential antineoplastic drugs: synthesis, DNA binding, redox cycling, and biological activity. *Journal of Medicinal Chemistry*, **1996**, 39, 3114-22	8.3	39
50	Tuning G-quadruplex vs double-stranded DNA recognition in regioisomeric lysyl-peptidyl-anthraquinone conjugates. *Bioconjugate Chemistry*, **2011**, 22, 2126-35	6.3	34
49	New Therapeutic Applications of Phosphodiesterase 5 Inhibitors (PDE5-Is). *Current Medicinal Chemistry*, **2016**, 23, 1239-49	4.3	27
48	Mapping drug interactions at the covalent topoisomerase II-DNA complex by bisantrene/amsacrine congeners. *Journal of Biological Chemistry*, **1998**, 273, 12732-9	5.4	26
47	Sequence-specific interactions of drugs interfering with the topoisomerase-DNA cleavage complex. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2002**, 1587, 145-54	6.9	23
46	Development of DNA topoisomerase-related therapeutics: a short perspective of new challenges. *Anti-Cancer Agents in Medicinal Chemistry*, **2004**, 4, 335-45		23
45	The Old Made New: Natural Compounds against Erectile Dysfunction. *Archiv Der Pharmazie*, **2015**, 348, 607-14	4.3	22
44	An Overview of New Possible Treatments of Alzheimer's Disease, Based on Natural Products and Semi-Synthetic Compounds. *Current Medicinal Chemistry*, **2017**, 24, 3749-3773	4.3	21
43	The Medicinal Chemistry of Natural and Semisynthetic Compounds against Parkinson's and Huntington's Diseases. *ACS Chemical Neuroscience*, **2017**, 8, 2356-2368	5.7	19
42	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. *Antioxidants*, **2020**, 9,	7.1	19
41	Major Depressive Disorder and Oxidative Stress: In Silico Investigation of Fluoxetine Activity against ROS. *Applied Sciences (Switzerland)*, **2019**, 9, 3631	2.6	18
40	Psychiatric Disorders and Oxidative Injury: Antioxidant Effects of Zolpidem Therapy disclosed. *Computational and Structural Biotechnology Journal*, **2019**, 17, 311-318	6.8	18
39	Semi-synthetic derivatives of natural isoflavones from Maclura pomifera as a novel class of PDE-5A inhibitors. *F oterap* **2015**, 105, 132-8	3.2	16
38	New naphthoquinone derivatives against glioma cells. *European Journal of Medicinal Chemistry*, **2015**, 96, 458-66	6.8	16
37	Remarkable interference with telomeric function by a G-quadruplex selective bisantrene regioisomer. *Biochemical Pharmacology*, **2010**, 79, 1781-90	6	16

36	Preliminary studies of berberine and its semi-synthetic derivatives as a promising class of multi-target anti-parkinson agents. *Natural Product Research*, **2018**, 32, 1395-1401	2.3	15
35	Semi-synthetic isoflavones as BACE-1 inhibitors against Alzheimer's disease. *Bioorganic Chemistry*, **2019**, 87, 474-483	5.1	14
34	Rational design, synthesis, and DNA binding properties of novel sequence-selective peptidyl congeners of ametantrone. *ChemMedChem*, **2010**, 5, 1080-91	3.7	13
33	Therapeutic Potential of Phosphodiesterase Inhibitors against Neurodegeneration: The Perspective of the Medicinal Chemist. *ACS Chemical Neuroscience*, **2020**, 11, 1726-1739	5.7	12
32	Antiproliferative activity of Juglone derivatives on rat glioma. *Natural Product Research*, **2017**, 31, 632-638	2.3	12
31	Electron paramagnetic resonance (EPR) study of spin-labeled camptothecin derivatives: a different look of the ternary complex. *Journal of Medicinal Chemistry*, **2011**, 54, 1003-9	8.3	12
30	DNA-binding preferences of bisantrene analogues: relevance to the sequence specificity of drug-mediated topoisomerase II poisoning. *Molecular Pharmacology*, **1998**, 54, 1036-45	4.3	12
29	Pharmacophore-guided discovery of CDC25 inhibitors causing cell cycle arrest and tumor regression. *Scientific Reports*, **2019**, 9, 1335	4.9	11
28	Fluoxetine scaffold to design tandem molecular antioxidants and green catalysts.. *RSC Advances*, **2020**, 10, 18583-18593	3.7	11
27	Constrained bisantrene derivatives as G-quadruplex binders. *Arkivoc*, **2016**, 2016, 145-160	0.9	10
26	Natural phosphodiesterase 5 (PDE5) inhibitors: a computational approach. *Natural Product Research*, **2021**, 35, 1648-1653	2.3	10
25	Plant natural products with anti-thyroid cancer activity. *Fitoterapia*, **2020**, 146, 104640	3.2	9
24	A novel class of selective CK2 inhibitors targeting its open hinge conformation. *European Journal of Medicinal Chemistry*, **2020**, 195, 112267	6.8	8
23	Synthesis and Evaluation of New Naphthalene and Naphthoquinone Derivatives as Anticancer Agents. *Archiv Der Pharmazie*, **2017**, 350, e1600286	4.3	7
22	Overcoming resistance in non-small-cell lung cancer: A practical lesson for the medicinal chemist. *Archiv Der Pharmazie*, **2018**, 351, e1800037	4.3	7
21	Evidence on selective binding to G-quadruplex DNA of isoflavones from by mass spectrometry and molecular docking. *Natural Product Research*, **2021**, 35, 2583-2587	2.3	7
20	Novel ametantrone-amsacrine related hybrids as topoisomerase II poisons and cytotoxic agents. *Archiv Der Pharmazie*, **2014**, 347, 728-37	4.3	7
19	Synthesis, DNA-damaging and cytotoxic properties of novel topoisomerase II-directed bisantrene analogues. *Bioorganic and Medicinal Chemistry Letters*, **1998**, 8, 121-6	2.9	7

18	A versatile synthesis of the 1,4-dihydroxynaphthoquinone nucleus. *Tetrahedron Letters*, **2000**, 41, 6631-6634	2	7
17	Synthesis via A3 Coupling Reaction of Anthracene-Propargylamine as a New Scaffold for the Interaction with DNA. *ChemistrySelect*, **2019**, 4, 13138-13142	1.8	7
16	5-Hydroxy-3-(4-hydroxyphenyl)-8,8-dimethyl-6-(3-methylbut-2-enyl)pyrano[2,3-h]chromen-4-one. *MolBank*, **2018**, 2018, M1004	0.5	7
15	Investigation of the molecular reactivity of bioactive oxiranylmethyloxy anthraquinones. *Archiv Der Pharmazie*, **2019**, 352, e1900030	4.3	6
14	Preferred interaction of D-peptidyl-anthraquinones with double-stranded B-DNA. *International Journal of Biological Macromolecules*, **1997**, 21, 319-26	7.9	6
13	Scouting Novel Protein Kinase A (PKA) Inhibitors by Using a Consensus Docking-Based Virtual Screening Approach. *Letters in Drug Design and Discovery*, **2009**, 6, 327-336	0.8	6
12	2-(3,4-Dihydroxyphenyl)-4-(2-(4-nitrophenyl)hydrazono)-4H-chromene-3,5,7-triol. *MolBank*, **2020**, 2020, M1144	0.5	5
11	ROS-Scavenging Selenofluoxetine Derivatives Inhibit Serotonin Reuptake.. *ACS Omega*, **2022**, 7, 8314-8322	3.9	5
10	8-Hydroxynaphthalene-1,4-dione derivative as novel compound for glioma treatment. *Bioorganic and Medicinal Chemistry Letters*, **2011**, 21, 2079-82	2.9	4
9	Natural Compounds Promoting Weight Loss: Mechanistic Insights from the Point of View of the Medicinal Chemist. *Natural Products Journal*, **2019**, 9, 78-85	0.6	4
8	Photoactivated semi-synthetic derivative of osajin selectively interacts with G-quadruplex DNA. *Natural Product Research*, **2020**, 1-6	2.3	3
7	Combinatorial library generation, molecular docking and molecular dynamics simulations for enhancing the isoflavone scaffold in phosphodiesterase inhibition. *New Journal of Chemistry*, **2020**, 44, 19472-19488	3.6	3
6	Enhanced G-quadruplex selectivity of flavonoid glycoside rutin over quercetin. *Natural Product Research*, **2020**, 1-5	2.3	2
5	Design and synthesis of a peptide derivative of ametantrone targeting the major groove of the d(GGCGCC)2 palindromic sequence. *New Journal of Chemistry*, **2020**, 44, 3624-3631	3.6	2
4	Selenoxide Elimination Triggers Enamine Hydrolysis to Primary and Secondary Amines: A Combined Experimental and Theoretical Investigation. *Molecules*, **2021**, 26,	4.8	1
3	Photo-induced spin switching in a modified anthraquinone modulated by DNA binding. *Photochemical and Photobiological Sciences*, **2019**, 18, 2199-2207	4.2	1
2	Synthesis and biological evaluation of heteroalicyclic cyanoguanidines at histamine receptors. *Archiv Der Pharmazie*, **2019**, 352, e1900107	4.3	0
1	A new sensitive and subunit-selective molecular tool for investigating protein kinase A in the brain. *Archiv Der Pharmazie*, **2020**, 353, e1900326	4.3	