Giampietro Viola

List of Publications by Year
in descending order

188 papers	12,704 citations	71102 41 h-index	25787 108 g-index
198 all docs	198 docs citations	198 times ranked	26082 citing authors

#	Article	IF	Citations
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701
2	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	9.1	3,122
3	Synthesis and Antitumor Activity of 1,5-Disubstituted 1,2,4-Triazoles as Cis-Restricted Combretastatin Analogues. Journal of Medicinal Chemistry, 2010, 53, 4248-4258.	6.4	149
4	Glioblastoma cancer stem cells: Role of the microenvironment and therapeutic targeting. Biochemical Pharmacology, 2013, 85, 612-622.	4.4	136
5	9-Donor-Substituted Acridizinium Salts:Â Versatile Environment-Sensitive Fluorophores for the Detection of Biomacromolecules. Journal of the American Chemical Society, 2007, 129, 1254-1267.	13.7	126
6	MG-2477, a new tubulin inhibitor, induces autophagy through inhibition of the Akt/mTOR pathway and delayed apoptosis in A549 cells. Biochemical Pharmacology, 2012, 83, 16-26.	4.4	111
7	Synthesis and Evaluation of 1,5-Disubstituted Tetrazoles as Rigid Analogues of Combretastatin A-4 with Potent Antiproliferative and Antitumor Activity. Journal of Medicinal Chemistry, 2012, 55, 475-488.	6.4	109
8	Intercalation of Organic Dye Molecules into Double-stranded DNA. Part 2: The Annelated Quinolizinium Ion as a Structural Motif in DNA Intercalatorsâ€. Photochemistry and Photobiology, 2005, 81, 1107.	2.5	96
9	Cell-Specific and Nuclear Targeting with [M(CO)3]+ (M=99mTc, Re)-Based Complexes Conjugated to Acridine Orange and Bombesin. Chemistry - A European Journal, 2007, 13, 3842-3852.	3.3	92
10	Isoindolo[2,1-a]quinoxaline Derivatives, Novel Potent Antitumor Agents with Dual Inhibition of Tubulin Polymerization and Topoisomerase I. Journal of Medicinal Chemistry, 2008, 51, 2387-2399.	6.4	88
11	Synthesis and Biological Evaluation of 2-(Alkoxycarbonyl)-3-Anilinobenzo[b]thiophenes and Thieno[2,3-b]pyridines as New Potent Anticancer Agents. Journal of Medicinal Chemistry, 2013, 56, 2606-2618.	6.4	80
12	Convergent Synthesis and Biological Evaluation of 2-Amino-4-(3â€²,4â€²,5â€²-trimethoxyphenyl)-5-aryl Thiazoles as Microtubule Targeting Agents. Journal of Medicinal Chemistry, 2011, 54, 5144-5153.	6.4	79
13	Improvement and extension of anti-EGFR targeting in breast cancer therapy by integration with the Avidin-Nucleic-Acid-Nano-Assemblies. Nature Communications, 2018, 9, 4070.	12.8	62
14	Excited-state Properties and In Vitro Phototoxicity Studies of Three Phenothiazine DerivativesÂ¶. Photochemistry and Photobiology, 2002, 75, 11.	2.5	59
15	New 5-(2-ethenylsubstituted)-3(2H)-furanones with in vitro antiproliferative activity. Tetrahedron, 2003, 59, 5215-5223.	1.9	59
16	Synthesis, DNA binding and in vitro antiproliferative activity of purinoquinazoline, pyridopyrimidopurine and pyridopyrimidobenzimidazole derivatives as potential antitumor agents. European Journal of Medicinal Chemistry, 1998, 33, 685-696.	5.5	57
17	Discovery and Optimization of a Series of 2-Aryl-4-Amino-5-(3â€²,4â€²,5â€²-trimethoxybenzoyl)Thiazoles as Novel Anticancer Agents. Journal of Medicinal Chemistry, 2012, 55, 5433-5445.	6.4	57
18	Recent advances in vascular disrupting agents in cancer therapy. Future Medicinal Chemistry, 2014, 6, 1485-1498.	2.3	57

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19	Induction of DNA-Double-Strand Breaks by Auger Electrons from 99mTc Complexes with DNA-Binding Ligands. ChemBioChem, 2005, 6, 414-421.	2.6	56
20	Synthesis and biological evaluation of 2-substituted-4-(3â€²,4â€²,5â€²-trimethoxyphenyl)-5-aryl thiazoles as anticancer agents. Bioorganic and Medicinal Chemistry, 2012, 20, 7083-7094.	3.0	56
21	Relationship between the Structure and the DNA Binding Properties of Diazoniapolycyclic Duplex- and Triplex-DNA Binders:â€‰ Efficiency, Selectivity, and Binding Mode. Biochemistry, 2007, 46, 12721-12736.	2.5	55
22	2-Arylamino-4-Amino-5-Aroylthiazoles. â€œOne-Potâ€•Synthesis and Biological Evaluation of a New Class of Inhibitors of Tubulin Polymerization. Journal of Medicinal Chemistry, 2009, 52, 5551-5555.	6.4	53
23	Synthesis, biological evaluation and molecular docking studies of trans-indole-3-acrylamide derivatives, a new class of tubulin polymerization inhibitors. Bioorganic and Medicinal Chemistry, 2014, 22, 3096-3104.	3.0	52
24	Synthesis, Antimitotic and Antivascular Activity of 1-(3â€²,4â€²,5â€²-Trimethoxybenzoyl)-3-arylamino-5-amino-1,2,4-triazoles. Journal of Medicinal Chemistry, 2014, 57, 6795-6808.	6.4	52
25	In vitro studies of the phototoxic potential of the antidepressant drugs amitriptyline and imipramine. Il Farmaco, 2000, 55, 211-218.	0.9	51
26	Synthesis and Biological Activity of 7-Phenyl-6,9-dihydro-3H-pyrrolo[3,2-f]quinolin-9-ones:â€‰ A New Class of Antimitotic Agents Devoid of Aromatase Activity. Journal of Medicinal Chemistry, 2006, 49, 1910-1915.	6.4	50
27	Hybrid Î±-bromoacryloylamido chalcones. Design, synthesis and biological evaluation. Bioorganic and Medicinal Chemistry Letters, 2009, 19, 2022-2028.	2.2	50
28	9â€(4â€Dimethylaminophenyl)benzo[b]quinolizinium: A Nearâ€Infrared Fluorophore for the Multicolor Analysis of Proteins and Nucleic Acids in Living Cells. Chemistry - A European Journal, 2013, 19, 8736-8741.	3.3	49
29	New geiparvarin analogues from 7-(2-oxoethoxy)coumarins as efficient in vitro antitumoral agents. Tetrahedron Letters, 2002, 43, 7473-7476.	1.4	47
30	Hypoxia and succinate antagonize 2-deoxyglucose effects on glioblastoma. Biochemical Pharmacology, 2010, 80, 1517-1527.	4.4	47
31	Design, Synthesis, in Vitro, and in Vivo Anticancer and Antiangiogenic Activity of Novel 3-Arylaminobenzofuran Derivatives Targeting the Colchicine Site on Tubulin. Journal of Medicinal Chemistry, 2015, 58, 3209-3222.	6.4	47
32	Photophysical and Phototoxic Properties of the Antibacterial Fluoroquinolones Levofloxacin and Moxifloxacin. Chemistry and Biodiversity, 2004, 1, 782-801.	2.1	46
33	Concise Synthesis and Biological Evaluation of 2-Aroyl-5-Amino Benzo[b]thiophene Derivatives As a Novel Class of Potent Antimitotic Agents. Journal of Medicinal Chemistry, 2013, 56, 9296-9309.	6.4	44
34	Photosensitization of DNA Strand Breaks by Three Phenothiazine Derivatives. Chemical Research in Toxicology, 2003, 16, 644-651.	3.3	43
35	Synthesis, structural determination and photo-antiproliferative activity of new 3-pyrazolyl or -isoxazolyl substituted 4-hydroxy-2(1H)-quinolinones. Tetrahedron, 2006, 62, 90-96.	1.9	43
36	Central role of mitochondria and p53 in PUVA-induced apoptosis in human keratinocytes cell line NCTC-2544. Toxicology and Applied Pharmacology, 2008, 227, 84-96.	2.8	43

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37	Pyrano[2,3-e]isoindol-2-ones, new angelicin heteroanalogues. Bioorganic and Medicinal Chemistry Letters, 2009, 19, 1711-1714.	2.2	43
38	Pyrrolo[2â€²,3â€²:3,4]cyclohepta[1,2-d][1,2]oxazoles, a New Class of Antimitotic Agents Active against Multiple Malignant Cell Types. Journal of Medicinal Chemistry, 2020, 63, 12023-12042.	6.4	43
39	Pyrazolylâ€“Diamine Ligands That Bear Anthracenyl Moieties and Their Rhenium(I) Tricarbonyl Complexes: Synthesis, Characterisation and DNAâ€Binding Properties. ChemBioChem, 2008, 9, 131-142.	2.6	42
40	Synthesis and biological evaluation of 2-(3â€²,4â€²,5â€²-trimethoxybenzoyl)-3-aryl/arylaminobenzo[b]thiophene derivatives as a novel class of antiproliferative agents. European Journal of Medicinal Chemistry, 2010, 45, 5781-5791.	5.5	42
41	Tricarbonyl M(I) (M = Re, 99mTc) complexes bearing acridine fluorophores: synthesis, characterization, DNA interaction studies and nuclear targeting. Organic and Biomolecular Chemistry, 2010, 8, 4104.	2.8	42
42	In vitro phototoxic properties of new 6-desfluoro and 6-fluoro-8-methylquinolones. Toxicology in Vitro, 2002, 16, 683-693.	2.4	40
43	Pyrrolo[2,3-h]quinolinones: A new ring system with potent photoantiproliferative activity. Bioorganic and Medicinal Chemistry, 2006, 14, 8712-8728.	3.0	40
44	Pyrrolo[3,4-h]quinolinones a new class of photochemotherapeutic agents. Bioorganic and Medicinal Chemistry, 2011, 19, 2326-2341.	3.0	40
45	AMPK inhibition enhances apoptosis in MLL-rearranged pediatric B-acute lymphoblastic leukemia cells. Leukemia, 2013, 27, 1019-1027.	7.2	40
46	Design, synthesis and biological evaluation of 3,5-disubstituted 2-amino thiophene derivatives as a novel class of antitumor agents. Bioorganic and Medicinal Chemistry, 2014, 22, 5097-5109.	3.0	40
47	Selective ratiometric detection of H₂O₂ in water and in living cells with boronobenzo[b]quinolizinium derivatives. Chemical Communications, 2014, 50, 8242-8245.	4.1	40
48	Induction of Î³-globin mRNA, erythroid differentiation and apoptosis in UVA-irradiated human erythroid cells in the presence of furocumarin derivatives. Biochemical Pharmacology, 2008, 75, 810-825.	4.4	39
49	Design, Synthesis, and Structureâ€“Activity Relationships of Azolylmethylpyrroloquinolines as Nonsteroidal Aromatase Inhibitors. Journal of Medicinal Chemistry, 2013, 56, 7536-7551.	6.4	37
50	Cytotoxic Constituents of Roots ofChaerophyllumhirsutum. Journal of Natural Products, 2004, 67, 1588-1590.	3.0	35
51	Two New Sesquiterpene Lactones from the Leaves of Laurus nobilis. Chemical and Pharmaceutical Bulletin, 2006, 54, 1187-1189.	1.3	35
52	Pyrrolo[2,3-h]quinolinones: synthesis and photochemotherapic activity. Bioorganic and Medicinal Chemistry Letters, 2003, 13, 2809-2811.	2.2	34
53	Natural daucane sesquiterpenes with antiproliferative and proapoptotic activity against human tumor cells. Bioorganic and Medicinal Chemistry, 2011, 19, 5876-5885.	3.0	34
54	TR-644 a novel potent tubulin binding agent induces impairment of endothelial cells function and inhibits angiogenesis. Angiogenesis, 2013, 16, 647-662.	7.2	33

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55	Design, Synthesis, and Biological Evaluation of 6-Substituted Thieno[3,2-d]pyrimidine Analogues as Dual Epidermal Growth Factor Receptor Kinase and Microtubule Inhibitors. Journal of Medicinal Chemistry, 2019, 62, 1274-1290.	6.4	33
56	One-pot synthesis and biological evaluation of 2-pyrrolidinyl-4-amino-5-(3â€²,4â€²,5â€²-trimethoxybenzoyl)thiazole: A unique, highly active antimicrotubule agent. European Journal of Medicinal Chemistry, 2011, 46, 6015-6024.	5.5	32
57	AKR1C enzymes sustain therapy resistance in paediatric T-ALL. British Journal of Cancer, 2018, 118, 985-994.	6.4	31
58	Insight on [1,3]thiazolo[4,5-e]isoindoles as tubulin polymerization inhibitors. European Journal of Medicinal Chemistry, 2021, 212, 113122.	5.5	30
59	Cytotoxic Compounds from Polygala vulgaris.. Chemical and Pharmaceutical Bulletin, 2002, 50, 1499-1501.	1.3	29
60	Photosensitization of Biomolecules by Phenothiazine Derivatives. Current Drug Targets, 2006, 7, 1135-1154.	2.1	29
61	Design and Synthesis of Potent in Vitro and in Vivo Anticancer Agents Based on 1-(3â€²,4â€²,5â€²-Trimethoxyphenyl)-2-Aryl-1H-Imidazole. Scientific Reports, 2016, 6, 26602.	3.3	29
62	TP-0903 inhibits neuroblastoma cell growth and enhances the sensitivity to conventional chemotherapy. European Journal of Pharmacology, 2018, 818, 435-448.	3.5	29
63	Ribociclib, a Cdk4/Cdk6 kinase inhibitor, enhances glucocorticoid sensitivity in B-acute lymphoblastic leukemia (B-All). Biochemical Pharmacology, 2018, 153, 230-241.	4.4	27
64	BMP9 counteracts the tumorigenic and pro-angiogenic potential of glioblastoma. Cell Death and Differentiation, 2018, 25, 1808-1822.	11.2	27
65	Acridizinium Salts as a Novel Class of DNA-binding and Site-selective DNA-photodamaging ChromophoresÂ¶. Photochemistry and Photobiology, 2001, 74, 505.	2.5	27
66	Increase in Î³-globin mRNA content in human erythroid cells treated with angelicin analogs. International Journal of Hematology, 2009, 90, 318-327.	1.6	26
67	A BAG's life: Every connection matters in cancer. , 2020, 209, 107498.		26
68	Structure and Biological Activity of Furocoumarins. , 2007, , 265-276.		25
69	Photostability of pitavastatinâ€"A novel HMG-CoA reductase inhibitor. Journal of Pharmaceutical and Biomedical Analysis, 2009, 50, 597-601.	2.8	25
70	Design, synthesis, inÂvitro and inÂvivo biological evaluation of 2-amino-3-aroylbenzo[b]furan derivatives as highly potent tubulin polymerization inhibitors. European Journal of Medicinal Chemistry, 2020, 200, 112448.	5.5	25
71	A novel copper(I) complex induces ER-stress-mediated apoptosis and sensitizes B-acute lymphoblastic leukemia cells to chemotherapeutic agents. Oncotarget, 2014, 5, 5978-5991.	1.8	25
72	Indolo[2,3-b]-Quinolizinium Bromide: An Efficient Intercalator with DNA-Photodamaging Properties. ChemBioChem, 2002, 3, 550.	2.6	24

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73	FOXO3a and Posttranslational Modifications Mediate Glucocorticoid Sensitivity in B-ALL. Molecular Cancer Research, 2015, 13, 1578-1590.	3.4	24
74	Human Medulloblastoma Cell Lines: Investigating on Cancer Stem Cell-Like Phenotype. Cancers, 2020, 12, 226.	3.7	24
75	Targeting Abasic Sites in DNA by Aminoalkylâ€Substituted Carboxamidoacridizinium Derivatives and Acridiziniumâ€“Adenine Conjugates. European Journal of Organic Chemistry, 2007, 2007, 4721-4730.	2.4	23
76	The Phototoxicity of Fluvastatin, an HMG-CoA Reductase Inhibitor, Is Mediated by the formation of a Benzocarbazole-Like Photoproduct. Toxicological Sciences, 2010, 118, 236-250.	3.1	23
77	Natural daucane esters induces apoptosis in leukaemic cells through ROS production. Phytochemistry, 2014, 108, 147-156.	2.9	23
78	Novel 3-Substituted 7-Phenylpyrrolo[3,2-f]quinolin-9(6H)-ones as Single Entities with Multitarget Antiproliferative Activity. Journal of Medicinal Chemistry, 2015, 58, 7991-8010.	6.4	23
79	Design, synthesis and biological evaluation of 3-substituted-2-oxindole hybrid derivatives as novel anticancer agents. European Journal of Medicinal Chemistry, 2017, 134, 258-270.	5.5	23
80	Choline Kinase Alpha Inhibition by EB-3D Triggers Cellular Senescence, Reduces Tumor Growth and Metastatic Dissemination in Breast Cancer. Cancers, 2018, 10, 391.	3.7	23
81	Photophysical and Photobiological Behavior of Antimalarial Drugs in Aqueous Solutions. Photochemistry and Photobiology, 2004, 79, 248.	2.5	23
82	Therapy-resistant acute lymphoblastic leukemia (ALL) cells inactivate FOXO3 to escape apoptosis induction by TRAIL and Noxa. Oncotarget, 2013, 4, 995-1007.	1.8	23
83	Pharmacokinetic characterization of phosphatidylserine liposomes in the rat. British Journal of Pharmacology, 1991, 102, 345-350.	5.4	22
84	Naphthoquinolizinium derivatives as a novel platform for DNA-binding and DNA-photodamaging chromophores. Photochemical and Photobiological Sciences, 2002, 1, 882-889.	2.9	22
85	A convenient synthesis of psoralens. Tetrahedron, 2002, 58, 4859-4863.	1.9	22
86	Phytosterol and Î³-Oryzanol Conjugates: Synthesis and Evaluation of their Antioxidant, Antiproliferative, and Anticholesterol Activities. Journal of Natural Products, 2018, 81, 2212-2221.	3.0	22
87	Design, synthesis and biological evaluation of novel vicinal diaryl-substituted 1H-Pyrazole analogues of combretastatin A-4 as highly potent tubulin polymerization inhibitors. European Journal of Medicinal Chemistry, 2019, 181, 111577.	5.5	22
88	Comparative Studies on the DNA-Binding Properties of Linear and Angular Dibenzoquinolizinium Ions. Journal of Organic Chemistry, 2006, 71, 8401-8411.	3.2	21
89	Design, synthesis, crystallization and biological evaluation of new symmetrical biscationic compounds as selective inhibitors of human Choline Kinase Î±1 (ChoKÎ±1). Scientific Reports, 2016, 6, 23793.	3.3	21
90	ZNF521 sustains the differentiation block in MLL-rearranged acute myeloid leukemia. Oncotarget, 2017, 8, 26129-26141.	1.8	21

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91	6-Aminoquinolones: photostability, cellular distribution and phototoxicity. Toxicology in Vitro, 2004, 18, 581-592.	2.4	20
92	Photophysical Properties and Photobiological Behavior of Amodiaquine, Primaquine and Chloroquine. Photochemistry and Photobiology, 2007, 83, 1415-1427.	2.5	20
93	Signalling mechanism in the lysophosphatidylserine-induced activation of mouse mast cells. Biochimica Et Biophysica Acta - Molecular Cell Research, 1990, 1052, 216-220.	4.1	19
94	Thiopyrano[2,3-e]indol-2-ones: Angelicin heteroanalogues with potent photoantiproliferative activity. Bioorganic and Medicinal Chemistry, 2008, 16, 9668-9683.	3.0	19
95	Synthesis and Biological Evaluation of New Geiparvarin Derivatives. ChemMedChem, 2009, 4, 769-779.	3.2	19
96	FOXM1 is overexpressed in B-acute lymphoblastic leukemia (B-ALL) and its inhibition sensitizes B-ALL cells to chemotherapeutic drugs. International Journal of Oncology, 2015, 47, 1230-1240.	3.3	19
97	EB-3D a novel choline kinase inhibitor induces deregulation of the AMPK-mTOR pathway and apoptosis in leukemia T-cells. Biochemical Pharmacology, 2018, 155, 213-223.	4.4	19
98	Synthesis and photochemotherapeutic activity of thiopyrano[2,3-e]indol-2-ones. Bioorganic and Medicinal Chemistry Letters, 2005, 15, 2291-2294.	2.2	18
99	Induction of apoptosis in Jurkat cells by photoexcited psoralen derivatives: Implication of mitochondrial dysfunctions and caspases activation. Toxicology in Vitro, 2007, 21, 211-216.	2.4	18
100	Vitamin K2 cannot substitute Coenzyme Q10 as electron carrier in the mitochondrial respiratory chain of mammalian cells. Scientific Reports, 2019, 9, 6553.	3.3	18
101	Cinnamic acid derivatives linked to arylpiperazines as novel potent inhibitors of tyrosinase activity and melanin synthesis. European Journal of Medicinal Chemistry, 2022, 231, 114147.	5.5	18
102	Synthesis of 2H-Imidazo[2â€²,1':2,3] [1,3]thiazolo[4,5-e]isoindol-8-yl-phenylureas with promising therapeutic features for the treatment of acute myeloid leukemia (AML) with FLT3/ITD mutations. European Journal of Medicinal Chemistry, 2022, 235, 114292.	5.5	18
103	A novel concept to activate enediynes for DNA cleavage. Chemical Communications, 2003, , 646-647.	4.1	17
104	Induction of apoptosis by photoexcited tetracyclic compounds derivatives of benzo[b]thiophenes and pyridines. Journal of Photochemistry and Photobiology B: Biology, 2006, 82, 105-116.	3.8	17
105	Differentiation and Apoptosis in UVAâ€Irradiated Cells Treated with Furocoumarin Derivatives. Annals of the New York Academy of Sciences, 2009, 1171, 334-344.	3.8	17
106	Synthesis and inâ€...vitro Evaluation of 3Hâ€Pyrrolo[3,2â€f]quinolinâ€9â€one Derivatives That Show Potent and Selective Antiâ€leukemic Activity. ChemMedChem, 2010, 5, 1373-1385.	3.2	17
107	Novel 9â€²-substituted-noscapines: Synthesis with Suzuki cross-coupling, structure elucidation and biological evaluation. European Journal of Medicinal Chemistry, 2014, 84, 476-490.	5.5	17
108	Design, synthesis and biological evaluation of arylcinnamide hybrid derivatives as novel anticancer agents. European Journal of Medicinal Chemistry, 2014, 81, 394-407.	5.5	17

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109	Vascular disrupting activity of combretastatin analogues. Vascular Pharmacology, 2016, 83, 78-89.	2.1	17
110	Synthesis and Biological Evaluation of 2-Methyl-4,5-Disubstituted Oxazoles as a Novel Class of Highly Potent Antitubulin Agents. Scientific Reports, 2017, 7, 46356.	3.3	17
111	Control of the DNAâ€Binding and Antiproliferative Properties of Hydroxybenzo[b]quinolizinium Derivatives with pH and Light. Chemistry - A European Journal, 2017, 23, 370-379.	3.3	17
112	Kinome expression profiling of human neuroblastoma tumors identifies potential drug targets for ultra high-risk patients. Carcinogenesis, 2017, 38, 1011-1020.	2.8	17
113	Synthesis, Cytotoxicity, and Apoptosis Induction in Human Tumor Cells by Geiparvarin Analogues. Chemistry and Biodiversity, 2004, 1, 1265-1280.	2.1	16
114	Differential response of linear and angular psoralens in PUVA-induced apoptosis in HL-60 cells. Photochemical and Photobiological Sciences, 2004, 3, 237-239.	2.9	16
115	Synthesis and biological evaluation of imidazo[1,2-a]pyrimidines and imidazo[1,2-a]pyridines as new inhibitors of the Wnt/Î²-catenin signaling. European Journal of Medicinal Chemistry, 2014, 83, 45-56.	5.5	16
116	3-Aryl/Heteroaryl-5-amino-1-(3â€²,4â€²,5â€²-trimethoxybenzoyl)-1,2,4-triazoles as antimicrotubule agents. Design, synthesis, antiproliferative activity and inhibition of tubulin polymerization. Bioorganic Chemistry, 2018, 80, 361-374.	4.1	16
117	Design, synthesis and biological evaluation of 2-alkoxycarbonyl-3-anilinoindoles as a new class of potent inhibitors of tubulin polymerization. Bioorganic Chemistry, 2020, 97, 103665.	4.1	16
118	DNA Cleavage Induced by Photoexcited Antimalarial Drugs: A Photophysical and Photobiological Study. Photochemistry and Photobiology, 2007, 83, 664-674.	2.5	15
119	Pitavastatin, a new HMG-CoA reductase inhibitor, induces phototoxicity in human keratinocytes NCTC-2544 through the formation of benzophenanthridine-like photoproducts. Archives of Toxicology, 2012, 86, 483-496.	4.2	15
120	2-Alkoxycarbonyl-3-arylamino-5-substituted thiophenes as a novel class of antimicrotubule agents: Design, synthesis, cell growth and tubulin polymerization inhibition. European Journal of Medicinal Chemistry, 2018, 143, 683-698.	5.5	15
121	6-Aminoacridizinium bromide: a fluorescence probe which lights up in AT-rich regions of DNA. Organic and Biomolecular Chemistry, 2003, 1, 2999-3001.	2.8	14
122	Diazoniapolycyclic Ions Inhibit the Activity of Topoisomeraseâ€…I and the Growth of Certain Tumor Cell Lines. ChemMedChem, 2008, 3, 1671-1676.	3.2	14
123	On the reactivity of 6-acetyl-7-(2-dimethylaminovinyl)pyrazolo[1,5-a]pyrimidines with 1,3- and 1,4-bisnucleophiles. Organic and Biomolecular Chemistry, 2008, 6, 739.	2.8	14
124	New more polar symmetrical bipyridinic compounds: new strategy for the inhibition of choline kinase Î±1. Future Medicinal Chemistry, 2015, 7, 417-436.	2.3	14
125	Results of a multicenter universal newborn screening program for sickle cell disease in Italy: A call to action. Pediatric Blood and Cancer, 2019, 66, e27657.	1.5	14
126	Ecdysteroid Derivatives that Reverse P-Glycoprotein-Mediated Drug Resistance. Journal of Natural Products, 2020, 83, 2434-2446.	3.0	14

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127	Synthesis and fluorosolvatochromism of 3-arylnaphtho[1,2-b]quinolizinium derivatives. Beilstein Journal of Organic Chemistry, 2016, 12, 854-862.	2.2	13
128	The Novel Antitubulin Agent TR-764 Strongly Reduces Tumor Vasculature and Inhibits HIF-1Î± Activation. Scientific Reports, 2016, 6, 27886.	3.3	13
129	Synthesis, structure-activity relationships and biological evaluation ofÂ7-phenyl-pyrroloquinolinone 3-amide derivatives as potent antimitotic agents. European Journal of Medicinal Chemistry, 2017, 127, 643-660.	5.5	13
130	A facile synthesis of diaryl pyrroles led to the discovery of potent colchicine site antimitotic agents. European Journal of Medicinal Chemistry, 2021, 214, 113229.	5.5	13
131	The tubulin inhibitor MG-2477 induces autophagy-regulated cell death, ROS accumulation and activation of FOXO3 in neuroblastoma. Oncotarget, 2017, 8, 32009-32026.	1.8	13
132	Complementary isonitrile-based multicomponent reactions for the synthesis of diversified cytotoxic hemiasterlin analogues. Organic and Biomolecular Chemistry, 2015, 13, 11633-11644.	2.8	12
133	Identification of novel indole derivatives acting as inhibitors of the Keap1â€“Nrf2 interaction. Journal of Enzyme Inhibition and Medicinal Chemistry, 2019, 34, 1152-1157.	5.2	12
134	Autophagic flux inhibition enhances cytotoxicity of the receptor tyrosine kinase inhibitor ponatinib. Journal of Experimental and Clinical Cancer Research, 2020, 39, 195.	8.6	12
135	Microfluidic Lab-on-a-Chip Based on UHF-Dielectrophoresis for Stemness Phenotype Characterization and Discrimination among Glioblastoma Cells. Biosensors, 2021, 11, 388.	4.7	12
136	Synthesis and Investigation of the DNA-Binding and DNA-Photodamaging Properties of Indolo[2,3-b]quinolizinium Bromide. European Journal of Organic Chemistry, 2001, 2001, 1157-1161.	2.4	11
137	Targeting BAG-1: A novel strategy to increase drug efficacy in acute myeloid leukemia. Experimental Hematology, 2015, 43, 180-190.e6.	0.4	11
138	Benzo[b]quinolizinium Derivatives Have a Strong Antimalarial Activity and Inhibit Indoleamine Dioxygenase. Antimicrobial Agents and Chemotherapy, 2016, 60, 115-125.	3.2	11
139	Histone Deacetylase Inhibitors Impair Glioblastoma Cell Motility and Proliferation. Cancers, 2022, 14, 1897.	3.7	11
140	Xanthones from Polygala alpestris (Rchb.). Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2004, 59, 335-338.	1.4	10
141	Cytotoxic constituents from Anagyris foetida leaves. FÃ¬toterapÃ¬Ã¢, 2006, 77, 595-597.	2.2	10
142	Multicomponent Approach to Bioactive Peptideâ€“Ecdysteroid Conjugates: Creating Diversity at C6 by Means of the Ugi Reaction. Synthesis, 2016, 48, 3907-3916.	2.3	10
143	NPM-ALK expression levels identify two distinct subtypes of paediatric anaplastic large cell lymphoma. Leukemia, 2017, 31, 498-501.	7.2	10
144	Evaluating the effects of fluorine on biological properties and metabolic stability of some antitubulin 3-substituted 7-phenyl-pyrroloquinolinones. European Journal of Medicinal Chemistry, 2019, 178, 297-314.	5.5	10

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145	DNA-binding and DNA-photocleavaging properties of 12a,14a-diazoniapentaphene. Arkivoc, 2004, 2004, 219-230.	0.5	10
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