Patrizia Diana

List of Publications by Citations

70 papers	2,359 citations	33 h-index	46 g-index
73 ext. papers	2,720 ext. citations	5 avg, IF	4.86 L-index

#	Paper	IF	Citations
70	Synthesis and antitumor activity of 2,5-bis(3′-indolyl)-furans and 3,5-bis(3′-indolyl)-isoxazoles, nortopsentin analogues. *Bioorganic and Medicinal Chemistry*, **2010**, 18, 4524-9	3.4	110
69	Pharmaceutical Approaches to Target Antibiotic Resistance Mechanisms. *Journal of Medicinal Chemistry*, **2017**, 60, 8268-8297	8.3	97
68	Synthesis and antitumor properties of 2,5-bis(3′-indolyl)thiophenes: analogues of marine alkaloid nortopsentin. *Bioorganic and Medicinal Chemistry Letters*, **2007**, 17, 2342-6	2.9	90
67	Novel 1H-pyrrolo[2,3-b]pyridine derivative nortopsentin analogues: synthesis and antitumor activity in peritoneal mesothelioma experimental models. *Journal of Medicinal Chemistry*, **2013**, 56, 7060-72	8.3	80
66	3,5-bis(3′-indolyl)pyrazoles, analogues of marine alkaloid nortopsentin: synthesis and antitumor properties. *Bioorganic and Medicinal Chemistry Letters*, **2007**, 17, 6134-7	2.9	78
65	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, 2387-99	8.3	77
64	Synthetic small molecules as anti-biofilm agents in the struggle against antibiotic resistance. *European Journal of Medicinal Chemistry*, **2019**, 161, 154-178	6.8	77
63	1,3,5-Triazines: A promising scaffold for anticancer drugs development. *European Journal of Medicinal Chemistry*, **2017**, 142, 523-549	6.8	70
62	Synthesis and antiproliferative activity of 2,5-bis(3′-indolyl)pyrroles, analogues of the marine alkaloid nortopsentin. *Marine Drugs*, **2013**, 11, 643-54	6	63
61	Synthesis, antitumor activity and CDK1 inhibiton of new thiazole nortopsentin analogues. *European Journal of Medicinal Chemistry*, **2017**, 138, 371-383	6.8	57
60	Synthesis and antitumor activity of 3-(2-phenyl-1,3-thiazol-4-yl)-1H-indoles and 3-(2-phenyl-1,3-thiazol-4-yl)-1H-7-azaindoles. *ChemMedChem*, **2011**, 6, 1300-9	3.7	51
59	Pyrazolo[3,4-h]quinolines promising photosensitizing agents in the treatment of cancer. *European Journal of Medicinal Chemistry*, **2015**, 102, 334-51	6.8	50
58	Thiazoles, Their Benzofused Systems, and Thiazolidinone Derivatives: Versatile and Promising Tools to Combat Antibiotic Resistance. *Journal of Medicinal Chemistry*, **2020**, 63, 7923-7956	8.3	50
57	Synthesis and antiproliferative activity of thiazolyl-bis-pyrrolo[2,3-b]pyridines and indolyl-thiazolyl-pyrrolo[2,3-c]pyridines, nortopsentin analogues. *Marine Drugs*, **2015**, 13, 460-92	6	49
56	Pyrrolo[2,1-c][1,2,4]triazines from 2-diazopyrroles: synthesis and antiproliferative activity. *European Journal of Medicinal Chemistry*, **2002**, 37, 267-72	6.8	48
55	11H-Pyrido[3′,2′:4,5]pyrrolo[3,2-c]cinnoline and pyrido[3′,2′:4,5]pyrrolo[1,2-c][1,2,3]benzotriazine: two new ring systems with antitumor activity. *Journal of Medicinal Chemistry*, **2014**, 57, 9495-511	8.3	44
54	Synthesis and Antitumor Activity of New Thiazole Nortopsentin Analogs. *Marine Drugs*, **2016**, 14,	6	43

53	Water-soluble isoindolo[2,1-a]quinoxalin-6-imines: in vitro antiproliferative activity and molecular mechanism(s) of action. *European Journal of Medicinal Chemistry*, **2015**, 94, 149-62	6.8	41
52	Synthesis of a new class of pyrrolo[3,4-h]quinazolines with antimitotic activity. *European Journal of Medicinal Chemistry*, **2014**, 74, 340-57	6.8	41
51	Pyrrolo[3,2-h]quinazolines as photochemotherapeutic agents. *ChemMedChem*, **2011**, 6, 1238-48	3.7	41
50	Derivatives of the new ring system indolo[1,2-c]benzo[1,2,3]triazine with potent antitumor and antimicrobial activity. *Journal of Medicinal Chemistry*, **1999**, 42, 2561-8	8.3	41
49	3-[4-(1H-indol-3-yl)-1,3-thiazol-2-yl]-1H-pyrrolo[2,3-b]pyridines, nortopsentin analogues with antiproliferative activity. *Marine Drugs*, **2015**, 13, 1901-24	6	39
48	Pyrrolo[3,4-h]quinolinones a new class of photochemotherapeutic agents. *Bioorganic and Medicinal Chemistry*, **2011**, 19, 2326-41	3.4	39
47	Aza-isoindolo and isoindolo-azaquinoxaline derivatives with antiproliferative activity. *European Journal of Medicinal Chemistry*, **2015**, 94, 367-77	6.8	37
46	Therapeutic Strategies To Counteract Antibiotic Resistance in MRSA Biofilm-Associated Infections. *ChemMedChem*, **2021**, 16, 65-80	3.7	37
45	Synthesis of triazenoazaindoles: a new class of triazenes with antitumor activity. *ChemMedChem*, **2011**, 6, 1291-9	3.7	36
44	Nucleophilic reactions in the indole series: displacement of bromine under phase transfer catalysis. *Tetrahedron*, **2008**, 64, 11625-11631	2.4	36
43	New 1,2,4-Oxadiazole Nortopsentin Derivatives with Cytotoxic Activity. *Marine Drugs*, **2019**, 17,	6	36
42	Synthesis of the new ring system pyrrolizino[2,3-b]indol-4(5H)-one. *Tetrahedron*, **2011**, 67, 3374-3379	2.4	35
41	Pyrrolo[2,3-h]quinolinones: a new ring system with potent photoantiproliferative activity. *Bioorganic and Medicinal Chemistry*, **2006**, 14, 8712-28	3.4	35
40	Synthesis of [1,2]oxazolo[5,4-e]indazoles as antitumour agents. *Tetrahedron*, **2013**, 69, 6474-6477	2.4	34
39	Synthesis of pyrrolo[3,2-h]quinolinones with good photochemotherapeutic activity and no DNA damage. *Bioorganic and Medicinal Chemistry*, **2010**, 18, 4830-43	3.4	34
38	Preclinical Activity of New [1,2]Oxazolo[5,4-e]isoindole Derivatives in Diffuse Malignant Peritoneal Mesothelioma. *Journal of Medicinal Chemistry*, **2016**, 59, 7223-38	8.3	33
37	Synthesis and antiproliferative activity of the ring system [1,2]oxazolo[4,5-g]indole. *ChemMedChem*, **2012**, 7, 1901-4	3.7	33
36	Imidazo[2,1-b] [1,3,4]thiadiazoles with antiproliferative activity against primary and gemcitabine-resistant pancreatic cancer cells. *European Journal of Medicinal Chemistry*, **2020**, 189, 112088	6.8	32

35	Synthesis of the new ring system 6,8-dihydro-5H-pyrrolo[3,4-h]quinazoline. *Tetrahedron Letters*, **2009**, 50, 5389-5391	2	29
34	Isoindolo[2,1-c]benzo[1,2,4]triazines: a new ring system with antiproliferative activity. *Bioorganic and Medicinal Chemistry*, **2007**, 15, 343-9	3.4	29
33	Pyrrolo[2,3-h]quinolinones: synthesis and photochemotherapic activity. *Bioorganic and Medicinal Chemistry Letters*, **2003**, 13, 2809-11	2.9	29
32	2,6-Disubstituted imidazo[2,1-b][1,3,4]thiadiazole derivatives as potent staphylococcal biofilm inhibitors. *European Journal of Medicinal Chemistry*, **2019**, 167, 200-210	6.8	29
31	Pyrrolo[2,1-d][1,2,3,5]tetrazine-4(3H)-ones, a new class of azolotetrazines with potent antitumor activity. *Bioorganic and Medicinal Chemistry*, **2003**, 11, 2371-80	3.4	28
30	New Thiazole Nortopsentin Analogues Inhibit Bacterial Biofilm Formation. *Marine Drugs*, **2018**, 16,	6	26
29	An efficient synthesis of pyrrolo[3?,2?:4,5]thiopyrano[3,2-b]pyridin-2-one: a new ring system of pharmaceutical interest. *Tetrahedron*, **2012**, 68, 5087-5094	2.4	26
28	Synthesis of the new oligopeptide pyrrole derivative isonetropsin and its one pyrrole unit analogue. *Tetrahedron*, **2013**, 69, 2550-2554	2.4	23
27	1,2,4-Oxadiazole topsentin analogs as staphylococcal biofilm inhibitors targeting the bacterial transpeptidase sortase A. *European Journal of Medicinal Chemistry*, **2021**, 209, 112892	6.8	23
26	3-(6-Phenylimidazo [2,1-][1,3,4]thiadiazol-2-yl)-1-Indole Derivatives as New Anticancer Agents in the Treatment of Pancreatic Ductal Adenocarcinoma. *Molecules*, **2020**, 25,	4.8	22
25	Synthesis of isoindolo[1,4]benzoxazinone and isoindolo[1,5]benzoxazepine: two new ring systems of pharmaceutical interest. *Tetrahedron*, **2015**, 71, 7332-7338	2.4	21
24	An overview of recent molecular dynamics applications as medicinal chemistry tools for the undruggable site challenge. *MedChemComm*, **2018**, 9, 920-936	5	21
23	Pyrrolo[3,4-e][1,2,3]triazolo[1,5-a]pyrimidine and pyrrolo[3,4-d] [1,2,3]triazolo[1,5-a]pyrimidine. New tricyclic ring systems of biological interest. *Journal of Heterocyclic Chemistry*, **2000**, 37, 747-750	1.9	21
22	[1,2]Oxazolo[5,4-e]isoindoles as promising tubulin polymerization inhibitors. *European Journal of Medicinal Chemistry*, **2016**, 124, 840-851	6.8	18
21	Biological Evaluation of the Antiproliferative and Anti-migratory Activity of a Series of 3-(6-Phenylimidazo[2,1-][1,3,4]thiadiazol-2-yl)-1-indole Derivatives Against Pancreatic Cancer Cells. *Anticancer Research*, **2019**, 39, 3615-3620	2.3	16
20	Pharmacogenetics of treatments for pancreatic cancer. *Expert Opinion on Drug Metabolism and Toxicology*, **2019**, 15, 437-447	5.5	15
19	Convenient synthesis of pyrrolo[3,4-g]indazole. *Tetrahedron*, **2013**, 69, 9839-9847	2.4	15
18	Nucleophilic substitutions in the isoindole series as a valuable tool to synthesize derivatives with antitumor activity. *Tetrahedron*, **2011**, 67, 2072-2080	2.4	14

17	Thiazole Analogues of the Marine Alkaloid Nortopsentin as Inhibitors of Bacterial Biofilm Formation. *Molecules*, **2020**, 26,	4.8	14
16	CHK1 inhibitor sensitizes resistant colorectal cancer stem cells to nortopsentin. *IScience*, **2021**, 24, 102664	6.1	14
15	Synthesis and antiproliferative mechanism of action of pyrrolo[3',2':6,7] cyclohepta[1,2-d]pyrimidin-2-amines as singlet oxygen photosensitizers. *European Journal of Medicinal Chemistry*, **2016**, 123, 447-461	6.8	14
14	1,2,4-Oxadiazole Topsentin Analogs with Antiproliferative Activity against Pancreatic Cancer Cells, Targeting GSK3β Kinase. *ChemMedChem*, **2021**, 16, 537-554	3.7	12
13	GSK3β as a novel promising target to overcome chemoresistance in pancreatic cancer. *Drug Resistance Updates*, **2021**, 58, 100779	23.2	12
12	Pyrrolo[3',2':6,7]cyclohepta[1,2-b]pyridines with potent photo-antiproliferative activity. *European Journal of Medicinal Chemistry*, **2017**, 128, 300-318	6.8	11
11	Synthesis of the new ring system bispyrido[4',3':4,5]pyrrolo [1,2-a:1',2'-d]pyrazine and its deaza analogue. *Molecules*, **2014**, 19, 13342-57	4.8	11
10	Synthesis and photocytotoxic activity of [1,2,3]triazolo[4,5-h][1,6]naphthyridines and [1,3]oxazolo[5,4-h][1,6]naphthyridines. *European Journal of Medicinal Chemistry*, **2019**, 162, 176-193	6.8	11
9	A New Oxadiazole-Based Topsentin Derivative Modulates Cyclin-Dependent Kinase 1 Expression and Exerts Cytotoxic Effects on Pancreatic Cancer Cells.. *Molecules*, **2021**, 27,	4.8	9
8	New Tripentone Analogs with Antiproliferative Activity. *Molecules*, **2017**, 22,	4.8	7
7	Synthesis of 5H-pyrido[3,2-b]pyrrolizin-5-one tripentone analogs with antitumor activity. *European Journal of Medicinal Chemistry*, **2018**, 158, 236-246	6.8	5
6	Metabolomics-assisted discovery of a new anticancer GLS-1 inhibitor chemotype from a nortopsentin-inspired library: From phenotype screening to target identification.. *European Journal of Medicinal Chemistry*, **2022**, 234, 114233	6.8	4
5	Synthesis and pharmacological evaluation of enantiomerically pure -configured KOR agonists with 2-azabicyclo[3.2.1]octane scaffold. *Organic and Biomolecular Chemistry*, **2021**, 19, 8384-8396	3.9	2
4	Targeting SARS-CoV-2 RBD Interface: a Supervised Computational Data-Driven Approach to Identify Potential Modulators. *ChemMedChem*, **2020**, 15, 1921-1931	3.7	1
3	Dynamic-shared Pharmacophore Approach as Tool to Design New Allosteric PRC2 Inhibitors, Targeting EED Binding Pocket. *Molecular Informatics*, **2021**, 40, e2000148	3.8	1
2	Synthesis of 8-aminomorphans with high KOR affinity.. *European Journal of Medicinal Chemistry*, **2022**, 230, 114079	6.8	
1	SF3B1 modulators affect key genes in metastasis and drug influx: a new approach to fight pancreatic cancer chemoresistance. **2021**, 4, 904-922		