

Barbara Parrino

List of Publications by Citations

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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.

62

papers

1,740

citations

26

h-index

38

g-index

72

ext. papers

2,085

ext. citations

5.1

avg, IF

4.76

L-index

#	Paper	IF	Citations
62	Pharmaceutical Approaches to Target Antibiotic Resistance Mechanisms. <i>Journal of Medicinal Chemistry</i> , 2017 , 60, 8268-8297	8.3	97
61	Novel 1H-pyrrolo[2,3-b]pyridine derivative nortopsentin analogues: synthesis and antitumor activity in peritoneal mesothelioma experimental models. <i>Journal of Medicinal Chemistry</i> , 2013 , 56, 7060-72	8.3	80
60	Synthetic small molecules as anti-biofilm agents in the struggle against antibiotic resistance. <i>European Journal of Medicinal Chemistry</i> , 2019 , 161, 154-178	6.8	77
59	1,3,5-Triazines: A promising scaffold for anticancer drugs development. <i>European Journal of Medicinal Chemistry</i> , 2017 , 142, 523-549	6.8	70
58	Synthesis and antiproliferative activity of 2,5-bis(3'-indolyl)pyrroles, analogues of the marine alkaloid nortopsentin. <i>Marine Drugs</i> , 2013 , 11, 643-54	6	63
57	Synthesis, antitumor activity and CDK1 inhibition of new thiazole nortopsentin analogues. <i>European Journal of Medicinal Chemistry</i> , 2017 , 138, 371-383	6.8	57
56	An overview on the recent developments of 1,2,4-triazine derivatives as anticancer compounds. <i>European Journal of Medicinal Chemistry</i> , 2017 , 142, 328-375	6.8	53
55	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. <i>ChemMedChem</i> , 2011 , 6, 1300-9	3.7	51
54	Pyrazolo[3,4-h]quinolines promising photosensitizing agents in the treatment of cancer. <i>European Journal of Medicinal Chemistry</i> , 2015 , 102, 334-51	6.8	50
53	Thiazoles, Their Benzofused Systems, and Thiazolidinone Derivatives: Versatile and Promising Tools to Combat Antibiotic Resistance. <i>Journal of Medicinal Chemistry</i> , 2020 , 63, 7923-7956	8.3	50
52	Synthesis and antiproliferative activity of thiazolyl-bis-pyrrolo[2,3-b]pyridines and indolyl-thiazolyl-pyrrolo[2,3-c]pyridines, nortopsentin analogues. <i>Marine Drugs</i> , 2015 , 13, 460-92	6	49
51	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. <i>Journal of Medicinal Chemistry</i> , 2014 , 57, 9495-511	8.3	44
50	Synthesis and Antitumor Activity of New Thiazole Nortopsentin Analogs. <i>Marine Drugs</i> , 2016 , 14,	6	43
49	Water-soluble isoindolo[2,1-a]quinoxalin-6-imines: in vitro antiproliferative activity and molecular mechanism(s) of action. <i>European Journal of Medicinal Chemistry</i> , 2015 , 94, 149-62	6.8	41
48	Synthesis of a new class of pyrrolo[3,4-h]quinazolines with antimitotic activity. <i>European Journal of Medicinal Chemistry</i> , 2014 , 74, 340-57	6.8	41
47	3-[4-(1H-indol-3-yl)-1,3-thiazol-2-yl]-1H-pyrrolo[2,3-b]pyridines, nortopsentin analogues with antiproliferative activity. <i>Marine Drugs</i> , 2015 , 13, 1901-24	6	39
46	Aza-isoindolo and isoindolo-azaquinoxaline derivatives with antiproliferative activity. <i>European Journal of Medicinal Chemistry</i> , 2015 , 94, 367-77	6.8	37

45	Therapeutic Strategies To Counteract Antibiotic Resistance in MRSA Biofilm-Associated Infections. <i>ChemMedChem</i> , 2021 , 16, 65-80	3-7	37
44	Synthesis of triazenoazaindoles: a new class of triazenes with antitumor activity. <i>ChemMedChem</i> , 2011 , 6, 1291-9	3-7	36
43	New 1,2,4-Oxadiazole Nortopsentin Derivatives with Cytotoxic Activity. <i>Marine Drugs</i> , 2019 , 17,	6	36
42	Synthesis of the new ring system pyrrolizino[2,3-b]indol-4(5H)-one. <i>Tetrahedron</i> , 2011 , 67, 3374-3379	2.4	35
41	Synthesis of [1,2]oxazolo[5,4-e]indazoles as antitumour agents. <i>Tetrahedron</i> , 2013 , 69, 6474-6477	2.4	34
40	Preclinical Activity of New [1,2]Oxazolo[5,4-e]isoindole Derivatives in Diffuse Malignant Peritoneal Mesothelioma. <i>Journal of Medicinal Chemistry</i> , 2016 , 59, 7223-38	8.3	33
39	Synthesis and antiproliferative activity of the ring system [1,2]oxazolo[4,5-g]indole. <i>ChemMedChem</i> , 2012 , 7, 1901-4	3-7	33
38	Imidazo[2,1-b][1,3,4]thiadiazoles with antiproliferative activity against primary and gemcitabine-resistant pancreatic cancer cells. <i>European Journal of Medicinal Chemistry</i> , 2020 , 189, 112088	6.8	32
37	2,6-Disubstituted imidazo[2,1-b][1,3,4]thiadiazole derivatives as potent staphylococcal biofilm inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2019 , 167, 200-210	6.8	29
36	New Thiazole Nortopsentin Analogues Inhibit Bacterial Biofilm Formation. <i>Marine Drugs</i> , 2018 , 16,	6	26
35	An efficient synthesis of pyrrolo[3,2?:4,5]thiopyrano[3,2-b]pyridin-2-one: a new ring system of pharmaceutical interest. <i>Tetrahedron</i> , 2012 , 68, 5087-5094	2.4	26
34	Synthesis of the new oligopeptide pyrrole derivative isonetropsin and its one pyrrole unit analogue. <i>Tetrahedron</i> , 2013 , 69, 2550-2554	2.4	23
33	1,2,4-Oxadiazole topsentin analogs as staphylococcal biofilm inhibitors targeting the bacterial transpeptidase sortase A. <i>European Journal of Medicinal Chemistry</i> , 2021 , 209, 112892	6.8	23
32	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. <i>Molecules</i> , 2020 , 25,	4.8	22
31	Synthesis of isoindolo[1,4]benzoxazinone and isoindolo[1,5]benzoxazepine: two new ring systems of pharmaceutical interest. <i>Tetrahedron</i> , 2015 , 71, 7332-7338	2.4	21
30	An overview of recent molecular dynamics applications as medicinal chemistry tools for the undruggable site challenge. <i>MedChemComm</i> , 2018 , 9, 920-936	5	21
29	Quality characteristics and in vitro digestibility study of barley flour enriched ditalini pasta. <i>LWT - Food Science and Technology</i> , 2016 , 72, 223-228	5-4	19
28	[1,2]Oxazolo[5,4-e]isoindoles as promising tubulin polymerization inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2016 , 124, 840-851	6.8	18

27	A Synthetic Derivative of Antimicrobial Peptide Holothuroidin 2 from Mediterranean Sea Cucumber () in the Control of. <i>Marine Drugs</i> , 2019 , 17,	6	16
26	Quality, functional and sensory evaluation of pasta fortified with extracts from <i>Opuntia ficus-indica</i> cladodes. <i>Journal of the Science of Food and Agriculture</i> , 2019 , 99, 4242-4247	4.3	16
25	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. <i>Anticancer Research</i> , 2019 , 39, 3615-3620	2.3	16
24	Synthesis and antitumor activities of 1,2,3-triazines and their benzo- and heterofused derivatives. <i>European Journal of Medicinal Chemistry</i> , 2017 , 142, 74-86	6.8	15
23	Pharmacogenetics of treatments for pancreatic cancer. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2019 , 15, 437-447	5.5	15
22	Convenient synthesis of pyrrolo[3,4-g]indazole. <i>Tetrahedron</i> , 2013 , 69, 9839-9847	2.4	15
21	Thiazole Analogues of the Marine Alkaloid Nortopsentin as Inhibitors of Bacterial Biofilm Formation. <i>Molecules</i> , 2020 , 26,	4.8	14
20	CHK1 inhibitor sensitizes resistant colorectal cancer stem cells to nortopsentin. <i>IScience</i> , 2021 , 24, 102664	6.4	14
19	Synthesis and antiproliferative mechanism of action of pyrrolo[3',2':6,7]cyclohepta[1,2-d]pyrimidin-2-amines as singlet oxygen photosensitizers. <i>European Journal of Medicinal Chemistry</i> , 2016 , 123, 447-461	6.8	14
18	A facile synthesis of deaza-analogues of the bisindole marine alkaloid topsentin. <i>Molecules</i> , 2013 , 18, 2518-27	4.8	13
17	1,2,4-Oxadiazole Topsentin Analogs with Antiproliferative Activity against Pancreatic Cancer Cells, Targeting GSK3 β Kinase. <i>ChemMedChem</i> , 2021 , 16, 537-554	3.7	12
16	Polyphenolic Extract from Tarocco (<i>Citrus sinensis</i> L. Osbeck) Clone "Lemppo" Exerts Anti-Inflammatory and Antioxidant Effects via NF- κ B and Nrf-2 Activation in Murine Macrophages. <i>Nutrients</i> , 2018 , 10,	6.7	12
15	Pyrrolo[3',2':6,7]cyclohepta[1,2-b]pyridines with potent photo-antiproliferative activity. <i>European Journal of Medicinal Chemistry</i> , 2017 , 128, 300-318	6.8	11
14	Synthesis of the new ring system bispyrido[4',3':4,5]pyrrolo [1,2-a:1',2'-d]pyrazine and its deaza analogue. <i>Molecules</i> , 2014 , 19, 13342-57	4.8	11
13	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. <i>European Journal of Medicinal Chemistry</i> , 2019 , 162, 176-193	6.8	11
12	A New Oxadiazole-Based Topsentin Derivative Modulates Cyclin-Dependent Kinase 1 Expression and Exerts Cytotoxic Effects on Pancreatic Cancer Cells.. <i>Molecules</i> , 2021 , 27,	4.8	9
11	Interrupted Diazotization of 3-aminoindoles and 3-aminopyrroles. <i>Tetrahedron</i> , 2014 , 70, 7318-7321	2.4	8
10	New Tripentone Analogs with Antiproliferative Activity. <i>Molecules</i> , 2017 , 22,	4.8	7

9	"Open Sesame?": Biomarker Status of the Human Equilibrative Nucleoside Transporter-1 and Molecular Mechanisms Influencing its Expression and Activity in the Uptake and Cytotoxicity of Gemcitabine in Pancreatic Cancer. <i>Cancers</i> , 2020 , 12,	6.6	7
8	Nobiletin and Xanthohumol Sensitize Colorectal Cancer Stem Cells to Standard Chemotherapy. <i>Cancers</i> , 2021 , 13,	6.6	7
7	Investigation of Isoindolo[2,1-a]quinoxaline-6-imines as Topoisomerase I Inhibitors with Molecular Modeling Methods. <i>Current Computer-Aided Drug Design</i> , 2017 , 13, 208-221	1.4	5
6	Synthesis of 5H-pyrido[3,2-b]pyrrolizin-5-one tripentone analogs with antitumor activity. <i>European Journal of Medicinal Chemistry</i> , 2018 , 158, 236-246	6.8	5
5	Metabolomics-assisted discovery of a new anticancer GLS-1 inhibitor chemotype from a nortopsentin-inspired library: From phenotype screening to target identification.. <i>European Journal of Medicinal Chemistry</i> , 2022 , 234, 114233	6.8	4
4	Immunomodulatory activity of Humulus lupulus bitter acids fraction: Enhancement of natural killer cells function by NKp44 activating receptor stimulation. <i>Journal of Functional Foods</i> , 2019 , 61, 103469	5.1	3
3	Dynamic-shared Pharmacophore Approach as Tool to Design New Allosteric PRC2 Inhibitors, Targeting EED Binding Pocket. <i>Molecular Informatics</i> , 2021 , 40, e2000148	3.8	1
2	SF3B1 modulators affect key genes in metastasis and drug influx: a new approach to fight pancreatic cancer chemoresistance. 2021 , 4, 904-922		
1	Eight-Membered Rings With Two Heteroatoms 1,5 2021 , 285-285		