

# Barbara Parrino

## 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.

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	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> , <b>2022</b> , 234, 114233	6.8	4
61	SF3B1 modulators affect key genes in metastasis and drug influx: a new approach to fight pancreatic cancer chemoresistance. <b>2021</b> , 4, 904-922		
60	CHK1 inhibitor sensitizes resistant colorectal cancer stem cells to nortopsentin. <i>IScience</i> , <b>2021</b> , 24, 1026641	6.1	14
59	Therapeutic Strategies To Counteract Antibiotic Resistance in MRSA Biofilm-Associated Infections. <i>ChemMedChem</i> , <b>2021</b> , 16, 65-80	3.7	37
58	1,2,4-Oxadiazole Topsentin Analogs with Antiproliferative Activity against Pancreatic Cancer Cells, Targeting GSK3 Kinase. <i>ChemMedChem</i> , <b>2021</b> , 16, 537-554	3.7	12
57	Dynamic-shared Pharmacophore Approach as Tool to Design New Allosteric PRC2 Inhibitors, Targeting EED Binding Pocket. <i>Molecular Informatics</i> , <b>2021</b> , 40, e2000148	3.8	1
56	Eight-Membered Rings With Two Heteroatoms 1,5 <b>2021</b> , 285-285		
55	Nobiletin and Xanthohumol Sensitize Colorectal Cancer Stem Cells to Standard Chemotherapy. <i>Cancers</i> , <b>2021</b> , 13,	6.6	7
54	1,2,4-Oxadiazole topsentin analogs as staphylococcal biofilm inhibitors targeting the bacterial transpeptidase sortase A. <i>European Journal of Medicinal Chemistry</i> , <b>2021</b> , 209, 112892	6.8	23
53	A New Oxadiazole-Based Topsentin Derivative Modulates Cyclin-Dependent Kinase 1 Expression and Exerts Cytotoxic Effects on Pancreatic Cancer Cells.. <i>Molecules</i> , <b>2021</b> , 27,	4.8	9
52	Thiazoles, Their Benzofused Systems, and Thiazolidinone Derivatives: Versatile and Promising Tools to Combat Antibiotic Resistance. <i>Journal of Medicinal Chemistry</i> , <b>2020</b> , 63, 7923-7956	8.3	50
51	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> , <b>2020</b> , 25,	4.8	22
50	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> , <b>2020</b> , 189, 112088	6.8	32
49	Thiazole Analogues of the Marine Alkaloid Nortopsentin as Inhibitors of Bacterial Biofilm Formation. <i>Molecules</i> , <b>2020</b> , 26,	4.8	14
48	"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> , <b>2020</b> , 12,	6.6	7
47	Pharmacogenetics of treatments for pancreatic cancer. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , <b>2019</b> , 15, 437-447	5.5	15
46	A Synthetic Derivative of Antimicrobial Peptide Holothuroidin 2 from Mediterranean Sea Cucumber () in the Control of. <i>Marine Drugs</i> , <b>2019</b> , 17,	6	16

45	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> , <b>2019</b> , 99, 4242-4247	4.3	16
44	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> , <b>2019</b> , 39, 3615-3620	2.3	16
43	Immunomodulatory activity of <i>Humulus lupulus</i> bitter acids fraction: Enhancement of natural killer cells function by NKp44 activating receptor stimulation. <i>Journal of Functional Foods</i> , <b>2019</b> , 61, 103469	5.1	3
42	2,6-Disubstituted imidazo[2,1-b][1,3,4]thiadiazole derivatives as potent staphylococcal biofilm inhibitors. <i>European Journal of Medicinal Chemistry</i> , <b>2019</b> , 167, 200-210	6.8	29
41	New 1,2,4-Oxadiazole Nortopsentin Derivatives with Cytotoxic Activity. <i>Marine Drugs</i> , <b>2019</b> , 17,	6	36
40	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> , <b>2019</b> , 162, 176-193	6.8	11
39	Synthetic small molecules as anti-biofilm agents in the struggle against antibiotic resistance. <i>European Journal of Medicinal Chemistry</i> , <b>2019</b> , 161, 154-178	6.8	77
38	An overview of recent molecular dynamics applications as medicinal chemistry tools for the undruggable site challenge. <i>MedChemComm</i> , <b>2018</b> , 9, 920-936	5	21
37	New Thiazole Nortopsentin Analogues Inhibit Bacterial Biofilm Formation. <i>Marine Drugs</i> , <b>2018</b> , 16,	6	26
36	Polyphenolic Extract from Tarocco ( <i>Citrus sinensis</i> L. Osbeck) Clone "Lempso" Exerts Anti-Inflammatory and Antioxidant Effects via NF- $\kappa$ B and Nrf-2 Activation in Murine Macrophages. <i>Nutrients</i> , <b>2018</b> , 10,	6.7	12
35	Synthesis of 5H-pyrido[3,2-b]pyrrolizin-5-one tripentone analogs with antitumor activity. <i>European Journal of Medicinal Chemistry</i> , <b>2018</b> , 158, 236-246	6.8	5
34	Pyrrolo[3',2':6,7]cyclohepta[1,2-b]pyridines with potent photo-antiproliferative activity. <i>European Journal of Medicinal Chemistry</i> , <b>2017</b> , 128, 300-318	6.8	11
33	Pharmaceutical Approaches to Target Antibiotic Resistance Mechanisms. <i>Journal of Medicinal Chemistry</i> , <b>2017</b> , 60, 8268-8297	8.3	97
32	Synthesis and antitumor activities of 1,2,3-triazines and their benzo- and heterofused derivatives. <i>European Journal of Medicinal Chemistry</i> , <b>2017</b> , 142, 74-86	6.8	15
31	1,3,5-Triazines: A promising scaffold for anticancer drugs development. <i>European Journal of Medicinal Chemistry</i> , <b>2017</b> , 142, 523-549	6.8	70
30	New Tripentone Analogs with Antiproliferative Activity. <i>Molecules</i> , <b>2017</b> , 22,	4.8	7
29	An overview on the recent developments of 1,2,4-triazine derivatives as anticancer compounds. <i>European Journal of Medicinal Chemistry</i> , <b>2017</b> , 142, 328-375	6.8	53
28	Synthesis, antitumor activity and CDK1 inhibition of new thiazole nortopsentin analogues. <i>European Journal of Medicinal Chemistry</i> , <b>2017</b> , 138, 371-383	6.8	57

27	Investigation of Isoindolo[2,1-a]quinoxaline-6-imines as Topoisomerase I Inhibitors with Molecular Modeling Methods. <i>Current Computer-Aided Drug Design</i> , <b>2017</b> , 13, 208-221	1.4	5
26	Preclinical Activity of New [1,2]Oxazolo[5,4-e]isoindole Derivatives in Diffuse Malignant Peritoneal Mesothelioma. <i>Journal of Medicinal Chemistry</i> , <b>2016</b> , 59, 7223-38	8.3	33
25	Quality characteristics and in vitro digestibility study of barley flour enriched ditalini pasta. <i>LWT - Food Science and Technology</i> , <b>2016</b> , 72, 223-228	5.4	19
24	Synthesis and Antitumor Activity of New Thiazole Nortopsentin Analogs. <i>Marine Drugs</i> , <b>2016</b> , 14,	6	43
23	[1,2]Oxazolo[5,4-e]isoindoles as promising tubulin polymerization inhibitors. <i>European Journal of Medicinal Chemistry</i> , <b>2016</b> , 124, 840-851	6.8	18
22	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> , <b>2016</b> , 123, 447-461	6.8	14
21	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> , <b>2015</b> , 94, 149-62	6.8	41
20	Synthesis of isoindolo[1,4]benzoxazinone and isoindolo[1,5]benzoxazepine: two new ring systems of pharmaceutical interest. <i>Tetrahedron</i> , <b>2015</b> , 71, 7332-7338	2.4	21
19	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> , <b>2015</b> , 13, 1901-24	6	39
18	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> , <b>2015</b> , 13, 460-92	6	49
17	Pyrazolo[3,4-h]quinolines promising photosensitizing agents in the treatment of cancer. <i>European Journal of Medicinal Chemistry</i> , <b>2015</b> , 102, 334-51	6.8	50
16	Aza-isoindolo and isoindolo-azaquinoxaline derivatives with antiproliferative activity. <i>European Journal of Medicinal Chemistry</i> , <b>2015</b> , 94, 367-77	6.8	37
15	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> , <b>2014</b> , 57, 9495-511	8.3	44
14	Interrupted Diazotization of 3-aminoindoles and 3-aminopyrroles. <i>Tetrahedron</i> , <b>2014</b> , 70, 7318-7321	2.4	8
13	Synthesis of a new class of pyrrolo[3,4-h]quinazolines with antimitotic activity. <i>European Journal of Medicinal Chemistry</i> , <b>2014</b> , 74, 340-57	6.8	41
12	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> , <b>2014</b> , 19, 13342-57	4.8	11
11	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> , <b>2013</b> , 56, 7060-72	8.3	80
10	A facile synthesis of deaza-analogues of the bisindole marine alkaloid topsentin. <i>Molecules</i> , <b>2013</b> , 18, 2518-27	4.8	13

9	Convenient synthesis of pyrrolo[3,4-g]indazole. <i>Tetrahedron</i> , <b>2013</b> , 69, 9839-9847	2.4	15
8	Synthesis of the new oligopeptide pyrrole derivative isonetropsin and its one pyrrole unit analogue. <i>Tetrahedron</i> , <b>2013</b> , 69, 2550-2554	2.4	23
7	Synthesis of [1,2]oxazolo[5,4-e]indazoles as antitumour agents. <i>Tetrahedron</i> , <b>2013</b> , 69, 6474-6477	2.4	34
6	Synthesis and antiproliferative activity of 2,5-bis(3'-indolyl)pyrroles, analogues of the marine alkaloid nortopsentin. <i>Marine Drugs</i> , <b>2013</b> , 11, 643-54	6	63
5	Synthesis and antiproliferative activity of the ring system [1,2]oxazolo[4,5-g]indole. <i>ChemMedChem</i> , <b>2012</b> , 7, 1901-4	3.7	33
4	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> , <b>2012</b> , 68, 5087-5094	2.4	26
3	Synthesis of triazenoazaindoles: a new class of triazenes with antitumor activity. <i>ChemMedChem</i> , <b>2011</b> , 6, 1291-9	3.7	36
2	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> , <b>2011</b> , 6, 1300-9	3.7	51
1	Synthesis of the new ring system pyrrolizino[2,3-b]indol-4(5H)-one. <i>Tetrahedron</i> , <b>2011</b> , 67, 3374-3379	2.4	35