Anna Bielawska

List of Publications by Year in Descending Order

79 papers	1,173 citations	19 h-index	28 g-index
90 ext. papers	1,431 ext. citations	4 avg, IF	4.51 L-index

#	Paper	IF	Citations
79	New 1,3,4-Thiadiazole Derivatives with Anticancer Activity.. *Molecules*, **2022**, 27,	4.8	1
78	The Anticancer Action of a Novel 1,2,4-Triazine Sulfonamide Derivative in Colon Cancer Cells. *Molecules*, **2021**, 26,	4.8	6
77	Selenium as a Bioactive Micronutrient in the Human Diet and Its Cancer Chemopreventive Activity. *Nutrients*, **2021**, 13,	6.7	16
76	Phytochemical Composition and Biological Activities of Species. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	4
75	Synthesis and Anticancer Activity Evaluation of 5-[2-Chloro-3-(4-nitrophenyl)-2-propenylidene]-4-thiazolidinones. *Molecules*, **2021**, 26,	4.8	1
74	Autophagy Modulators in Cancer Therapy. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	10
73	Anti-cancer effect of combined action of anti-MUC1 and rosmarinic acid in AGS gastric cancer cells. *European Journal of Pharmacology*, **2021**, 902, 174119	5.3	4
72	Exploration of novel heterofused 1,2,4-triazine derivative in colorectal cancer. *Journal of Enzyme Inhibition and Medicinal Chemistry*, **2021**, 36, 535-548	5.6	8
71	[1,2,4]triazines as potential drugs in cancer chemotherapy. *Postepy Higieny I Medycyny Doswiadczalnej*, **2021**, 75, 64-84	0.3	
70	Anti-HER2 monoclonal antibodies intensify the susceptibility of human gastric cancer cells to etoposide by promoting apoptosis, but not autophagy. *PLoS ONE*, **2021**, 16, e0255585	3.7	1
69	1,2,4-Triazine Sulfonamides: Synthesis by Sulfenamide Intermediates, In Vitro Anticancer Screening, Structural Characterization, and Molecular Docking Study. *Molecules*, **2020**, 25,	4.8	7
68	Which salivary components can differentiate metabolic obesity?. *PLoS ONE*, **2020**, 15, e0235358	3.7	6
67	Evaluation of the Anticancer Activities of Novel Transition Metal Complexes with Berenil and Nitroimidazole. *Molecules*, **2020**, 25,	4.8	4
66	Chlorine substituents and linker topology as factors of 5-HTR activity for novel highly active 1,3,5-triazine derivatives with procognitive properties in vivo. *European Journal of Medicinal Chemistry*, **2020**, 203, 112529	6.8	7
65	DNA topoisomerases as molecular targets for anticancer drugs. *Journal of Enzyme Inhibition and Medicinal Chemistry*, **2020**, 35, 1781-1799	5.6	17
64	The Effect of Novel 7-methyl-5-phenyl-pyrazolo[4,3-]tetrazolo[4,5-][1,2,4]triazine Sulfonamide Derivatives on Apoptosis and Autophagy in DLD-1 and HT-29 Colon Cancer Cells. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	9
63	Monoclonal anti-MUC1 antibody with novel octahydropyrazino[2,1-a:5,4-a']diisoquinoline derivative as a potential multi-targeted strategy in MCF-7 breast cancer cells. *Oncology Reports*, **2019**, 42, 1391-1403	3.5	5

62	Effect of 2nd and 3rd generation PAMAM dendrimers on proliferation, differentiation, and pro-inflammatory cytokines in human keratinocytes and fibroblasts. *International Journal of Nanomedicine*, **2019**, 14, 7123-7139	7.3	14
61	Antioxidant and cytotoxic activity of new di- and polyamine caffeine analogues. *Free Radical Research*, **2018**, 52, 724-736	4	7
60	The molecular mechanism of anticancer action of novel octahydropyrazino[2,1-a:5,4-a']diisoquinoline derivatives in human gastric cancer cells. *Investigational New Drugs*, **2018**, 36, 970-984	4.3	7
59	Synthesis of unsymmetrical disulfanes bearing 1,2,4-triazine scaffold and their in vitro screening towards anti-breast cancer activity. *Monatshefte F□ Chemie*, **2018**, 149, 1409-1420	1.4	16
58	A novel series of pyrazole-platinum(II) complexes as potential anti-cancer agents that induce cell cycle arrest and apoptosis in breast cancer cells. *Journal of Enzyme Inhibition and Medicinal Chemistry*, **2018**, 33, 1006-1023	5.6	35
57	Mechanism of anticancer action of novel berenil complex of platinum(II) combined with anti-MUC1 in MCF-7 breast cancer cells. *Oncology Letters*, **2018**, 15, 2340-2348	2.6	9
56	Dual Antibacterial and Anticancer Activity of 4-Benzoyl-1-dichlorobenzoylthiosemicarbazide Derivatives. *Anti-Cancer Agents in Medicinal Chemistry*, **2018**, 18, 529-540	2.2	7
55	Lotus tetragonolobus and Maackia amurensis lectins influence phospho-I□□IL-8, Lewis b and H type 1 glycoforms levels in H. pylori infected CRL-1739 gastric cancer cells. *Advances in Medical Sciences*, **2018**, 63, 205-211	2.8	3
54	Synergistic action of cisplatin and echistatin in MDA-MB-231 breast cancer cells. *Molecular and Cellular Biochemistry*, **2017**, 427, 13-22	4.2	14
53	Biological evaluation of octahydropyrazin[2,1-a:5,4-a']diisoquinoline derivatives as potent anticancer agents. *Tumor Biology*, **2017**, 39, 1010428317701641	2.9	6
52	Anticancer Effect of a Novel Octahydropyrazino[2,1-a:5,4-a']diisoquinoline Derivative and Its Synergistic Action with in Human Gastric Cancer Cells. *BioMed Research International*, **2017**, 2017, 9153403	3	7
51	Synthesis and antimicrobial activity of chiral quaternary -spiro ammonium bromides with 3'4'dihydro-1'H-spiro[isoindoline-2,2'isoquinoline] skeleton. *Drug Design, Development and Therapy*, **2017**, 11, 2015-2028	4.4	1
50	Biological evaluation of dimethylpyridine-platinum complexes with potent antiproliferative activity. *Journal of Enzyme Inhibition and Medicinal Chemistry*, **2016**, 31, 150-165	5.6	13
49	Search for human DNA topoisomerase II poisons in the group of 2,5-disubstituted-1,3,4-thiadiazoles. *Journal of Enzyme Inhibition and Medicinal Chemistry*, **2015**, 30, 1021-6	5.6	9
48	Cytotoxic activity of octahydropyrazin[2,1-a:5,4-a']diisoquinoline derivatives in human breast cancer cells. *Archives of Pharmacal Research*, **2015**, 38, 628-41	6.1	15
47	Synthetic approaches for sulfur derivatives containing 1,2,4-triazine moiety: their activity for in vitro screening towards two human cancer cell lines. *Chemical and Pharmaceutical Bulletin*, **2015**, 63, 531-7	1.9	15
46	New pyrazolo[4,3-e][1,2,4]triazine sulfonamides as carbonic anhydrase inhibitors. *Bioorganic and Medicinal Chemistry*, **2015**, 23, 3674-80	3.4	33
45	The combined treatment with novel platinum(II) complex and anti-MUC1 increases apoptotic response in MDA-MB-231 breast cancer cells. *Molecular and Cellular Biochemistry*, **2015**, 408, 103-13	4.2	17

44	Effects of novel alkyl pyridine platinum complexes on apoptosis in Ishikawa endometrial cancer cells. *Medicinal Chemistry*, **2015**, 11, 540-50	1.8	8
43	Pyrazolo[4,3-e][1,2,4]triazine sulfonamides as carbonic anhydrase inhibitors with antitumor activity. *Bioorganic and Medicinal Chemistry*, **2014**, 22, 2643-7	3.4	32
42	Synthesis and kinase inhibitory activity of new sulfonamide derivatives of pyrazolo[4,3-e][1,2,4]triazines. *European Journal of Medicinal Chemistry*, **2014**, 78, 217-24	6.8	23
41	Cytotoxic efficacy of a novel dinuclear platinum(II) complex used with anti-MUC1 in human breast cancer cells. *Molecular and Cellular Biochemistry*, **2014**, 392, 161-74	4.2	16
40	Cytotoxicity and topoisomerase I/II inhibition activity of novel 4-aryl/alkyl-1-(piperidin-4-yl)-carbonylthiosemicarbazides and 4-benzoylthiosemicarbazides. *Journal of Enzyme Inhibition and Medicinal Chemistry*, **2014**, 29, 243-8	5.6	6
39	Mucin levels in saliva of adolescents with dental caries. *Medical Science Monitor*, **2014**, 20, 72-7	3.2	24
38	The assessment of sIgA, histatin-5, and lactoperoxidase levels in saliva of adolescents with dental caries. *Medical Science Monitor*, **2014**, 20, 1095-100	3.2	20
37	Cytotoxic effect and molecular docking of 4-ethoxycarbonylmethyl-1-(piperidin-4-ylcarbonyl)-thiosemicarbazide--a novel topoisomerase II inhibitor. *Journal of Molecular Modeling*, **2013**, 19, 1319-24	2	10
36	Cytotoxicity and induction of apoptosis of human breast cancer cells by novel platinum(II) complexes. *Environmental Toxicology and Pharmacology*, **2013**, 35, 254-64	5.8	19
35	Effect of novel dinuclear platinum(II) complexes on redox status of MOLT-4 leukemic cells. *Toxicology Mechanisms and Methods*, **2013**, 23, 641-9	3.6	4
34	Pro-inflammatory cytokines in saliva of adolescents with dental caries disease. *Annals of Agricultural and Environmental Medicine*, **2012**, 19, 711-6	1.4	42
33	Cytotoxic activity of G3 PAMAM-NH□dendrimer-chlorambucil conjugate in human breast cancer cells. *Environmental Toxicology and Pharmacology*, **2011**, 32, 364-72	5.8	35
32	Dual effects of ouabain, digoxin and proscillaridin A on the regulation of apoptosis in human fibroblasts. *Natural Product Research*, **2010**, 24, 274-85	2.3	35
31	Synthesis and cytotoxic activity of G3 PAMAM-NH(2) dendrimer-modified digoxin and proscillaridin A conjugates in breast cancer cells. *Pharmacological Reports*, **2010**, 62, 414-23	3.9	19
30	Cytotoxic efficacy of a novel dinuclear platinum(II) complex in human breast cancer cells. *European Journal of Pharmacology*, **2010**, 643, 34-41	5.3	19
29	The effect of a novel dinuclear platinum complex with berenil and 2-picoline ligands on growth of human breast cancer cells. *Acta Poloniae Pharmaceutica*, **2010**, 67, 609-14	1.3	8
28	Synthesis and cytotoxic activity of novel amidine analogues of bis(2-chloroethyl)amine. *Archiv Der Pharmazie*, **2009**, 342, 484-90	4.3	5
27	Proline analogue of nitrosourea as a new cytotoxic prodrug. *Archiv Der Pharmazie*, **2009**, 342, 632-9	4.3	

26	The Effect of Generation 2 and 3 Poly(amidoamine) Dendrimers on Viability of Human Breast Cancer Cells. *Journal of Health Science*, **2009**, 55, 169-177		25
25	Novel dinuclear platinum(II) complexes targets NFkappaB signaling pathway to induce apoptosis and inhibit metabolism of MCF-7 breast cancer cells. *Folia Histochemica Et Cytobiologica*, **2009**, 47, S141-6	1.4	5
24	Antiproliferative activity of derivatives of ouabain, digoxin and proscillaridin A in human MCF-7 and MDA-MB-231 breast cancer cells. *Biological and Pharmaceutical Bulletin*, **2008**, 31, 1131-40	2.3	58
23	Small-molecule based delivery systems for alkylating antineoplastic compounds. *ChemMedChem*, **2008**, 3, 536-42	3.7	19
22	Proline-linked nitrosoureas as prolidase-convertible prodrugs in human breast cancer cells. *Pharmacological Reports*, **2008**, 60, 171-82	3.9	9
21	Synthesis, DNA-binding affinity and cytotoxicity of the dinuclear platinum(II) complexes with berenil and amines ligands. *Acta Poloniae Pharmaceutica*, **2008**, 65, 363-70	1.3	4
20	Amidine analogues of melphalan: synthesis, cytotoxic activity, and DNA binding properties. *Archiv Der Pharmazie*, **2007**, 340, 251-7	4.3	7
19	Apoptosis-mediated cytotoxicity of ouabain, digoxin and proscillaridin A in the estrogen independent MDA-MB-231 breast cancer cells. *Archives of Pharmacal Research*, **2007**, 30, 1216-24	6.1	43
18	Novel amidine analogue of melphalan as a specific multifunctional inhibitor of growth and metabolism of human breast cancer cells. *Biochemical Pharmacology*, **2006**, 72, 320-31	6	17
17	Inhibition of DNA topoisomerases I and II, and growth inhibition of breast cancer MCF-7 cells by ouabain, digoxin and proscillaridin A. *Biological and Pharmaceutical Bulletin*, **2006**, 29, 1493-7	2.3	96
16	Inhibition of collagen and DNA biosynthesis by a novel amidine analogue of chlorambucil is accompanied by deregulation of β1)-integrin and IGF-I receptor signaling in MDA-MB 231 cells. *Environmental Toxicology and Pharmacology*, **2005**, 20, 118-24	5.8	48
15	Synthesis, DNA binding, topoisomerase inhibition and cytotoxic properties of 2-chloroethylnitrosourea derivatives of hoechst 33258. *Biological and Pharmaceutical Bulletin*, **2005**, 28, 1004-9	2.3	22
14	Amidine analogue of chlorambucil is a stronger inhibitor of protein and DNA synthesis in breast cancer MCF-7 cells than is the parent drug. *European Journal of Pharmacology*, **2004**, 492, 95-101	5.3	12
13	Synthesis and biological evaluation of new cyclic amidine analogs of chlorambucil. *Il Farmaco*, **2004**, 59, 111-7		24
12	Acetylsalicylic acid as a potential regulator of prolidase-convertible pro-drugs in control and neoplastic cells. *Il Farmaco*, **2004**, 59, 679-84		3
11	Aromatic analogues of DNA minor groove binders--synthesis and biological evaluation. *European Journal of Medicinal Chemistry*, **2004**, 39, 99-105	6.8	15
10	Proline analogue of melphalan as a prodrug susceptible to the action of prolidase in breast cancer MDA-MB 231 cells. *Il Farmaco*, **2003**, 58, 1113-9		12
9	Structure-activity studies of novel amidine analogues of chlorambucil: correlation of cytotoxic activity with DNA-binding affinity and topoisomerase II inhibition. *Archiv Der Pharmazie*, **2003**, 336, 293-9	4.3	12

8	Carbocyclic analogues of netropsin and distamycin: DNA-binding properties and inhibition of DNA topoisomerases. *Archiv Der Pharmazie*, **2002**, 335, 422-6	4.3	12
7	Elongation factor 2 as a target for selective inhibition of protein synthesis in vitro by the novel aromatic bisamidine. *Molecular and Cellular Biochemistry*, **2002**, 233, 159-64	4.2	3
6	Synthesis, DNA-binding activity and cytotoxicity of carbamate derivatives of Hoechst 33258 in breast cancer MCF-7 cells. *Biological and Pharmaceutical Bulletin*, **2002**, 25, 916-9	2.3	9
5	Synthesis, molecular modelling, and antiproliferative and cytotoxic effects of carbocyclic derivatives of distamycin with chlorambucil moiety. *European Journal of Medicinal Chemistry*, **2001**, 36, 461-7	6.8	22
4	Aromatic extended bisamidines: synthesis, inhibition of topoisomerases, and anticancer cytotoxicity in vitro. *Archiv Der Pharmazie*, **2001**, 334, 235-40	4.3	7
3	Cytotoxicity and effect on collagen biosynthesis of proline analogue of melphalan as a prolidase-convertible prodrug in cultured human skin fibroblasts. *Il Farmaco*, **2001**, 56, 701-6		7
2	DNA-binding activity and cytotoxicity of the extended diphenylfuran bisamidines in breast cancer MCF-7 cells. *Biological and Pharmaceutical Bulletin*, **2001**, 24, 704-6	2.3	13
1	Prolidase-activated prodrug for cancer chemotherapy cytotoxic activity of proline analogue of chlorambucil in breast cancer MCF-7 cells. *Il Farmaco*, **2000**, 55, 736-41		8