

Krzysztof Bielawski

List of Publications by Year in descending order

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82
papers

1,594
citations

346980

22
h-index

425179

34
g-index

87
all docs

87
docs citations

87
times ranked

2458
citing authors

#	ARTICLE	IF	CITATIONS
1	2-{5-[(Z,Z)-2-Chloro-3-(4-nitrophenyl)-2-propenylidene]-4-oxo-2-thioxothiazolidin-3-yl}-3-methylbutanoic Acid as a Potential Anti-Breast Cancer Molecule. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4091.	1.8	6
2	Exploration of novel heterofused 1,2,4-triazine derivative in colorectal cancer. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2021, 36, 535-548.	2.5	18
3	[1,2,4]triazyny – potencjalne leki w chemioterapii nowotworów. <i>Postępy Higieny i Medycyny Doswiadczałnej</i> , 2021, 75, 64-84.	0.1	0
4	In Vitro Anticancer Potential of <i>Jasione montana</i> and Its Main Components against Human Amelanotic Melanoma Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3345.	1.8	12
5	The Anticancer Action of a Novel 1,2,4-Triazine Sulfonamide Derivative in Colon Cancer Cells. <i>Molecules</i> , 2021, 26, 2045.	1.7	14
6	Synthesis and Anticancer Activity Evaluation of 5-[2-Chloro-3-(4-nitrophenyl)-2-propenylidene]-4-thiazolidinones. <i>Molecules</i> , 2021, 26, 3057.	1.7	14
7	Mechanism of Anticancer Action of Novel Imidazole Platinum(II) Complex Conjugated with G2 PAMAM-OH Dendrimer in Breast Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5581.	1.8	8
8	Autophagy Modulators in Cancer Therapy. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5804.	1.8	37
9	Anti-HER2 monoclonal antibodies intensify the susceptibility of human gastric cancer cells to etoposide by promoting apoptosis, but not autophagy. <i>PLoS ONE</i> , 2021, 16, e0255585.	1.1	4
10	Mucin 1 as a Molecular Target of a Novel Diisoquinoline Derivative Combined with Anti-MUC1 Antibody in AGS Gastric Cancer Cells. <i>Molecules</i> , 2021, 26, 6504.	1.7	2
11	DNA topoisomerases as molecular targets for anticancer drugs. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2020, 35, 1781-1799.	2.5	58
12	The Effect of Novel 7-methyl-5-phenyl-pyrazolo[4,3-e]tetrazolo[4,5-b][1,2,4]triazine Sulfonamide Derivatives on Apoptosis and Autophagy in DLD-1 and HT-29 Colon Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5221.	1.8	18
13	The intensification of anticancer activity of LFM-A13 by erythropoietin as a possible option for inhibition of breast cancer. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2020, 35, 1697-1711.	2.5	4
14	1,2,4-Triazine Sulfonamides: Synthesis by Sulfenamide Intermediates, In Vitro Anticancer Screening, Structural Characterization, and Molecular Docking Study. <i>Molecules</i> , 2020, 25, 2324.	1.7	11
15	Which salivary components can differentiate metabolic obesity?. <i>PLoS ONE</i> , 2020, 15, e0235358.	1.1	10
16	Evaluation of the Anticancer Activities of Novel Transition Metal Complexes with Berenil and Nitroimidazole. <i>Molecules</i> , 2020, 25, 2860.	1.7	18
17	Monoclonal anti-MUC1 antibody with novel octahydropyrazino[2,1-a:5,4-a']diisoquinoline derivative as a potential multi-targeted strategy in MCF7 breast cancer cells. <i>Oncology Reports</i> , 2019, 42, 1391-1403.	1.2	8
18	Effect of 2nd and 3rd generation PAMAM dendrimers on proliferation, differentiation, and pro-inflammatory cytokines in human keratinocytes and fibroblasts. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 7123-7139.	3.3	20

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19	Antioxidant and cytotoxic activity of new di- and polyamine caffeine analogues. <i>Free Radical Research</i> , 2018, 52, 724-736.	1.5	10
20	The molecular mechanism of anticancer action of novel octahydropyrazino[2,1-a:5,4-a ²]diisoquinoline derivatives in human gastric cancer cells. <i>Investigational New Drugs</i> , 2018, 36, 970-984.	1.2	14
21	Synthesis of unsymmetrical disulfanes bearing 1,2,4-triazine scaffold and their in vitro screening towards anti-breast cancer activity. <i>Monatshefte für Chemie</i> , 2018, 149, 1409-1420.	0.9	24
22	Erythropoietin Intensifies the Proapoptotic Activity of LFM-A13 in Cells and in a Mouse Model of Colorectal Cancer. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1262.	1.8	5
23	A novel series of pyrazole-platinum(II) complexes as potential anti-cancer agents that induce cell cycle arrest and apoptosis in breast cancer cells. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2018, 33, 1006-1023.	2.5	50
24	Dual Antibacterial and Anticancer Activity of 4-Benzoyl-1-dichlorobenzoylthiosemicarbazide Derivatives. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2018, 18, 529-540.	0.9	8
25	Synergistic action of cisplatin and echistatin in MDA-MB-231 breast cancer cells. <i>Molecular and Cellular Biochemistry</i> , 2017, 427, 13-22.	1.4	20
26	Biological evaluation of octahydropyrazin[2,1-a:5,4-a ²]diisoquinoline derivatives as potent anticancer agents. <i>Tumor Biology</i> , 2017, 39, 101042831770164.	0.8	7
27	Mechanism of anticancer action of novel berenil complex of platinum(II) combined with anti-MUC1 in MCF-7 breast cancer cells. <i>Oncology Letters</i> , 2017, 15, 2340-2348.	0.8	9
28	Anticancer Effect of a Novel Octahydropyrazino[2,1-a:5,4-a ²]diisoquinoline Derivative and Its Synergistic Action with <i>Nigella sativa</i> in Human Gastric Cancer Cells. <i>BioMed Research International</i> , 2017, 2017, 1-13.	0.9	9
29	Synthesis and antimicrobial activity of chiral quaternary &N-spiro ammonium bromides with 3',4'-dihydro-1'-H-spiro [isoindoline-2,2'-isoquinoline] skeleton. <i>Drug Design, Development and Therapy</i> , 2017, Volume 11, 2015-2028.	2.0	3
30	Biological evaluation of dimethylpyridine ²⁺ platinum complexes with potent antiproliferative activity. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016, 31, 150-165.	2.5	20
31	Effect of dentine bondings in combination with peroxide bleaching agents on the biosynthesis of DNA in human gingival fibroblasts. <i>Journal of Stomatology</i> , 2016, 69, 153-161.	0.1	0
32	Synthetic Approaches for Sulfur Derivatives Containing 1,2,4-Triazine Moiety: Their Activity for <i>in Vitro</i> Screening towards Two Human Cancer Cell Lines. <i>Chemical and Pharmaceutical Bulletin</i> , 2015, 63, 531-537.	0.6	16
33	New pyrazolo[4,3-e][1,2,4]triazine sulfonamides as carbonic anhydrase inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 3674-3680.	1.4	36
34	The combined treatment with novel platinum(II) complex and anti-MUC1 increases apoptotic response in MDA-MB-231 breast cancer cells. <i>Molecular and Cellular Biochemistry</i> , 2015, 408, 103-113.	1.4	20
35	Search for human DNA topoisomerase II poisons in the group of 2,5-disubstituted-1,3,4-thiadiazoles. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2015, 30, 1021-1026.	2.5	13
36	Cytotoxic activity of octahydropyrazin[2,1-a:5,4-a ²]diisoquinoline derivatives in human breast cancer cells. <i>Archives of Pharmacal Research</i> , 2015, 38, 628-641.	2.7	16

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37	Effects of Novel Alkyl Pyridine Platinum Complexes on Apoptosis in Ishikawa Endometrial Cancer Cells. <i>Medicinal Chemistry</i> , 2015, 11, 540-550.	0.7	11
38	Mucin levels in saliva of adolescents with dental caries. <i>Medical Science Monitor</i> , 2014, 20, 72-77.	0.5	36
39	Pyrazolo[4,3-e][1,2,4]triazine sulfonamides as carbonic anhydrase inhibitors with antitumor activity. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 2643-2647.	1.4	36
40	Synthesis and kinase inhibitory activity of new sulfonamide derivatives of pyrazolo[4,3-e][1,2,4]triazines. <i>European Journal of Medicinal Chemistry</i> , 2014, 78, 217-224.	2.6	27
41	Cytotoxic efficacy of a novel dinuclear platinum(II) complex used with anti-MUC1 in human breast cancer cells. <i>Molecular and Cellular Biochemistry</i> , 2014, 392, 161-174.	1.4	20
42	Cytotoxicity and topoisomerase I/II inhibition activity of novel 4-aryl/alkyl-1-(piperidin-4-yl)-carbonylthiosemicarbazides and 4-benzoylthiosemicarbazides. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2014, 29, 243-248.	2.5	7
43	The assessment of sIgA, histatin-5, and lactoperoxidase levels in saliva of adolescents with dental caries. <i>Medical Science Monitor</i> , 2014, 20, 1095-1100.	0.5	29
44	Cytotoxic effect and molecular docking of 4-ethoxycarbonylmethyl-1-(piperidin-4-ylcarbonyl)-thiosemicarbazide as a novel topoisomerase II inhibitor. <i>Journal of Molecular Modeling</i> , 2013, 19, 1319-1324.	0.8	13
45	C2-Symmetric hemiaminal ethers and diamines: new ligands for copper-catalyzed desymmetrization of meso-1,2-diols and asymmetric Henry reactions. <i>Tetrahedron: Asymmetry</i> , 2013, 24, 1435-1442.	1.8	23
46	Cytotoxicity and induction of apoptosis of human breast cancer cells by novel platinum(II) complexes. <i>Environmental Toxicology and Pharmacology</i> , 2013, 35, 254-264.	2.0	22
47	Effect of novel dinuclear platinum(II) complexes on redox status of MOLT-4 leukemic cells. <i>Toxicology Mechanisms and Methods</i> , 2013, 23, 641-649.	1.3	5
48	Pro-inflammatory cytokines in saliva of adolescents with dental caries disease. <i>Annals of Agricultural and Environmental Medicine</i> , 2012, 19, 711-6.	0.5	50
49	Cytotoxic activity of G3 PAMAM-NH ₂ dendrimer-chlorambucil conjugate in human breast cancer cells. <i>Environmental Toxicology and Pharmacology</i> , 2011, 32, 364-372.	2.0	42
50	Cytotoxic efficacy of a novel dinuclear platinum(II) complex in human breast cancer cells. <i>European Journal of Pharmacology</i> , 2010, 643, 34-41.	1.7	20
51	Dual effects of ouabain, digoxin and proscillaridin A on the regulation of apoptosis in human fibroblasts. <i>Natural Product Research</i> , 2010, 24, 274-285.	1.0	44
52	Synthesis and cytotoxic activity of G3 PAMAM-NH ₂ dendrimer-modified digoxin and proscillaridin A conjugates in breast cancer cells. <i>Pharmacological Reports</i> , 2010, 62, 414-423.	1.5	23
53	Novel dinuclear platinum(II) complexes targets NFκB signaling pathway to induce apoptosis and inhibit metabolism of MCF-7 breast cancer cells. <i>Folia Histochemica Et Cytobiologica</i> , 2010, 47, S141-6.	0.6	6
54	The effect of a novel dinuclear platinum complex with berenil and 2-picoline ligands on growth of human breast cancer cells. <i>Acta Poloniae Pharmaceutica</i> , 2010, 67, 609-14.	0.3	8

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55	Synthesis and Cytotoxic Activity of Novel Amidine Analogues of Bis(2-chloroethyl)amine. <i>Archiv Der Pharmazie</i> , 2009, 342, 484-490.	2.1	9
56	Proline Analogue of Nitrosourea as a New Cytotoxic Prodrug. <i>Archiv Der Pharmazie</i> , 2009, 342, 632-639.	2.1	1
57	The Effect of Generation 2 and 3 Poly(amidoamine) Dendrimers on Viability of Human Breast Cancer Cells. <i>Journal of Health Science</i> , 2009, 55, 169-177.	0.9	33
58	Small Molecule based Delivery Systems for Alkylating Antineoplastic Compounds. <i>ChemMedChem</i> , 2008, 3, 536-542.	1.6	22
59	Antiproliferative Activity of Derivatives of Ouabain, Digoxin and Proscillaridin A in Human MCF-7 and MDA-MB-231 Breast Cancer Cells. <i>Biological and Pharmaceutical Bulletin</i> , 2008, 31, 1131-1140.	0.6	72
60	Proline-linked nitrosoureas as prolidase-convertible prodrugs in human breast cancer cells. <i>Pharmacological Reports</i> , 2008, 60, 171-82.	1.5	11
61	Synthesis, DNA-binding affinity and cytotoxicity of the dinuclear platinum(II) complexes with berenil and amines ligands. <i>Acta Poloniae Pharmaceutica</i> , 2008, 65, 363-70.	0.3	5
62	Amidine Analogues of Melphalan: Synthesis, Cytotoxic Activity, and DNA Binding Properties. <i>Archiv Der Pharmazie</i> , 2007, 340, 251-257.	2.1	12
63	Apoptosis-mediated cytotoxicity of ouabain, digoxin and proscillaridin A in the estrogen independent MDA-MB-231 breast cancer cells. <i>Archives of Pharmacal Research</i> , 2007, 30, 1216-1224.	2.7	46
64	Inhibition of DNA Topoisomerases I and II, and Growth Inhibition of Breast Cancer MCF-7 Cells by Ouabain, Digoxin and Proscillaridin A. <i>Biological and Pharmaceutical Bulletin</i> , 2006, 29, 1493-1497.	0.6	109
65	Novel amidine analogue of melphalan as a specific multifunctional inhibitor of growth and metabolism of human breast cancer cells. <i>Biochemical Pharmacology</i> , 2006, 72, 320-331.	2.0	20
66	Cardiac glycosides in cancer research and cancer therapy. <i>Acta Poloniae Pharmaceutica</i> , 2006, 63, 109-15.	0.3	46
67	Synthesis, DNA Binding, Topoisomerase Inhibition and Cytotoxic Properties of 2-Chloroethylnitrosourea Derivatives of Hoechst 33258. <i>Biological and Pharmaceutical Bulletin</i> , 2005, 28, 1004-1009.	0.6	26
68	Inhibition of collagen and DNA biosynthesis by a novel amidine analogue of chlorambucil is accompanied by deregulation of β 1-integrin and IGF-I receptor signaling in MDA-MB 231 cells. <i>Environmental Toxicology and Pharmacology</i> , 2005, 20, 118-124.	2.0	52
69	Amidine analogue of chlorambucil is a stronger inhibitor of protein and DNA synthesis in breast cancer MCF-7 cells than is the parent drug. <i>European Journal of Pharmacology</i> , 2004, 492, 95-101.	1.7	14
70	Synthesis and biological evaluation of new cyclic amidine analogs of chlorambucil. <i>Il Farmaco</i> , 2004, 59, 111-117.	0.9	28
71	Acetylsalicylic acid as a potential regulator of prolidase-convertible pro-drugs in control and neoplastic cells. <i>Il Farmaco</i> , 2004, 59, 679-684.	0.9	3
72	Synthesis and Biological Evaluation of New Cyclic Amidine Analogues of Chlorambucil. <i>ChemInform</i> , 2004, 35, no.	0.1	0

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73	Aromatic analogues of DNA minor groove binders synthesis and biological evaluation. <i>European Journal of Medicinal Chemistry</i> , 2004, 39, 99-105.	2.6	16
74	Structure-Activity Studies of Novel Amidine Analogues of Chlorambucil: Correlation of Cytotoxic Activity with DNA-Binding Affinity and Topoisomerase II Inhibition. <i>Archiv Der Pharmazie</i> , 2003, 336, 293-299.	2.1	14
75	Synthesis, DNA-Binding Activity and Cytotoxicity of Carbamate Derivatives of Hoechst 33258 in Breast Cancer MCF-7 Cells. <i>Biological and Pharmaceutical Bulletin</i> , 2002, 25, 916-919.	0.6	11
76	Carbocyclic Analogues of Netropsin and Distamycin: DNA-Binding Properties and Inhibition of DNA Topoisomerases. <i>Archiv Der Pharmazie</i> , 2002, 335, 422-426.	2.1	12
77	Elongation factor 2 as a target for selective inhibition of protein synthesis in vitro by the novel aromatic bisamidine. <i>Molecular and Cellular Biochemistry</i> , 2002, 233, 159-164.	1.4	4
78	DNA-Binding Activity and Cytotoxicity of the Extended Diphenylfuran Bisamidines in Breast Cancer MCF-7 Cells. <i>Biological and Pharmaceutical Bulletin</i> , 2001, 24, 704-706.	0.6	16
79	Synthesis, molecular modelling, and antiproliferative and cytotoxic effects of carbocyclic derivatives of distamycin with chlorambucil moiety. <i>European Journal of Medicinal Chemistry</i> , 2001, 36, 461-467.	2.6	23
80	Aromatic Extended Bisamidines: Synthesis, Inhibition of Topoisomerases, and Anticancer Cytotoxicity in Vitro. <i>Archiv Der Pharmazie</i> , 2001, 334, 235-240.	2.1	9
81	Cytotoxicity and effect on collagen biosynthesis of proline analogue of melphalan as a prolidase-convertible prodrug in cultured human skin fibroblasts. <i>Il Farmaco</i> , 2001, 56, 701-706.	0.9	7
82	Prolidase-activated prodrug for cancer chemotherapy. <i>Il Farmaco</i> , 2000, 55, 736-741.	0.9	9