

Joanna Matysiak

List of Publications by Year in descending order

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64
papers

1,261
citations

361045

20
h-index

395343

33
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73
all docs

73
docs citations

73
times ranked

1352
citing authors

#	ARTICLE	IF	CITATIONS
1	MSCs as Tumor-Specific Vectors for the Delivery of Anticancer Agents—A Potential Therapeutic Strategy in Cancer Diseases: Perspectives for Quinazoline Derivatives. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2745.	1.8	6
2	Biological evaluation and molecular docking of novel 1,3,4-thiadiazole-resorcinol conjugates as multifunctional cholinesterases inhibitors. <i>Bioorganic Chemistry</i> , 2021, 107, 104617.	2.0	19
3	Chiral Pyrazolo[4,3-e][1,2,4]triazine Sulfonamides—Their Biological Activity, Lipophilicity, Protein Affinity, and Metabolic Transformations. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 2660.	1.3	1
4	Mechanisms of Tebuconazole Adsorption in Profiles of Mineral Soils. <i>Molecules</i> , 2021, 26, 4728.	1.7	1
5	Quinazoline Derivatives as Potential Therapeutic Agents in Urinary Bladder Cancer Therapy. <i>Frontiers in Chemistry</i> , 2021, 9, 765552.	1.8	21
6	Synthesis, Structural Characterization, and Biological Activity of New Pyrazolo[4,3-e][1,2,4]triazine Acyclonucleosides. <i>Molecules</i> , 2020, 25, 221.	1.7	6
7	Adsorption of bentazone in the profiles of mineral soils with low organic matter content. <i>PLoS ONE</i> , 2020, 15, e0242980.	1.1	7
8	Biological Evaluation, Molecular Docking, and SAR Studies of Novel 2-(2,4-Dihydroxyphenyl)-1H-Benzimidazole Analogues. <i>Biomolecules</i> , 2019, 9, 870.	1.8	12
9	Design, synthesis and antiproliferative activity against human cancer cell lines of novel benzo-, benzofuro-, azolo- and thieno-1,3-thiazinone resorcinol hybrids. <i>Arabian Journal of Chemistry</i> , 2019, 12, 2655-2667.	2.3	6
10	Thin-layer chromatography of some derivatives of 2-(2,4-dihydroxyphenyl)-1,3,4-thiadiazoles in magnetic field. <i>Journal of Planar Chromatography - Modern TLC</i> , 2018, 31, 48-56.	0.6	1
11	Evaluation of the effect of 2-(2,4-dihydroxyphenyl)-4H-benzofuro[3,2-d][1,3]thiazin-4-one on colon cells and its anticancer potential. <i>Medicinal Chemistry Research</i> , 2018, 27, 2150-2159.	1.1	2
12	Synthesis and biological activity of novel benzoazoles, benzoazines and other analogs functionalized by 2,4-dihydroxyphenyl moiety. <i>Research on Chemical Intermediates</i> , 2018, 44, 6169-6182.	1.3	5
13	QSAR study of pyrazolo[4,3-e][1,2,4]triazine sulfonamides against tumor-associated human carbonic anhydrase isoforms IX and XII. <i>Computational Biology and Chemistry</i> , 2017, 71, 57-62.	1.1	9
14	QSAR models of antiproliferative activity of imidazo[2,1-b][1,3,4]thiadiazoles in various cancer cell lines. <i>Molecular Diversity</i> , 2017, 21, 211-218.	2.1	7
15	Synthesis and antiproliferative activity of some <i>N</i> -substituted 2,4-dihydroxybenzothiohydrazides. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016, 31, 166-172.	2.5	2
16	New derivative of 2-(2,4-dihydroxyphenyl)thieno-1,3-thiazin-4-one (BChTT) elicits antiproliferative effect via p38-mediated cell cycle arrest in cancer cells. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 1356-1361.	1.4	7
17	Synthesis of 4-(4-methylidene-4H-3,1-benzothiazin-2-yl)benzene 1,3-diols and their antiproliferative activity against human cancer cell lines. <i>Russian Journal of Bioorganic Chemistry</i> , 2016, 42, 93-99.	0.3	2
18	Characterization and preliminary anticonvulsant assessment of some 1,3,4-thiadiazole derivatives. <i>Pharmacological Reports</i> , 2015, 67, 588-592.	1.5	41

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19	Synthesis of 2-(2,4-dihydroxyphenyl)thieno-1,3-thiazin-4-ones, their lipophilicity and anticancer activity in vitro. <i>Molecular Diversity</i> , 2015, 19, 725-736.	2.1	12
20	Synthesis, characterization, and pharmacological evaluation of novel azolo- and azinothiazinones containing 2,4-dihydroxyphenyl substituent as anticancer agents. <i>Monatshefte für Chemie</i> , 2015, 146, 1315-1327.	0.9	6
21	Biological and Pharmacological Activities of 1,3,4-Thiadiazole Based Compounds. <i>Mini-Reviews in Medicinal Chemistry</i> , 2015, 15, 762-775.	1.1	46
22	SYNTHESIS AND BIOLOGICAL ACTIVITY OF NOVEL N,N-CYCLIC-2,4-DIHYDROXYTHIOBENZAMIDE DERIVATIVES. <i>Acta Poloniae Pharmaceutica</i> , 2015, 72, 943-50.	0.3	1
23	THE STUDY OF THE LIPOPHILICITY OF NOVEL ANTIBACTERIAL ACTIVE PYRAZOLE DERIVATIVES CONTAINING A CARBOXAMIDE GROUP. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2013, 36, 2639-2650.	0.5	0
24	Synthesis and anticholinesterase activities of novel 1,3,4-thiadiazole based compounds. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2013, 28, 816-823.	2.5	27
25	Synthesis and biological evaluation of 1,3,4-thiadiazole analogues as novel AChE and BuChE inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2013, 62, 311-319.	2.6	61
26	Neuroprotective activity of 2-amino-1,3,4-thiadiazole derivative 4BrABT--an in vitro study. <i>Annals of Agricultural and Environmental Medicine</i> , 2013, 20, 575-9.	0.5	5
27	A new approach to the synthesis of 2-aryl-substituted benzimidazoles, quinazolines, and other related compounds and their antibacterial activity. <i>Heteroatom Chemistry</i> , 2012, 23, 265-275.	0.4	12
28	Synthesis and Antibacterial Activity of Novel Fused 1,3-thiazoles and 1,3-thiazines Incorporating a 2,4-dihydroxyphenyl Residue. <i>Archiv Der Pharmazie</i> , 2012, 345, 302-313.	2.1	15
29	Synthesis and RP HPLC studies of biologically active semicarbazides and their cyclic analogues 1,2,4-triazol-3-ones. <i>Monatshefte für Chemie</i> , 2012, 143, 657-667.	0.9	7
30	One-Pot Synthesis of New (1,3-thiazolo[5,4-c]pyridin-2-yl)benzenediols and Their Antiproliferative Activities against Human Cancer Cell Lines. <i>Chemistry and Biodiversity</i> , 2012, 9, 48-57.	1.0	6
31	Synthesis and biological activity of novel 4- and 6-(1-alkyl/aryl-1H-benzimidazol-2-yl)benzene-1,3-diols. <i>Monatshefte für Chemie</i> , 2012, 143, 269-276.	0.9	9
32	Synthesis of novel 4-(1H-benzimidazol-2-yl)benzene-1,3-diols and their cytotoxic activity against human cancer cell lines. <i>Archives of Pharmacal Research</i> , 2011, 34, 1639-1647.	2.7	15
33	NMR QSAR Model for the Analysis of 4-(5-arylamino-1,3,4-thiadiazol-2-yl)benzene-1,3-diols. <i>Archiv Der Pharmazie</i> , 2011, 344, 340-344.	2.1	7
34	Synthesis and Anticancer Activity of New 2-aryl-4-hydroxy-3,1-benzothiazines. <i>Archiv Der Pharmazie</i> , 2011, 344, 224-230.	2.1	27
35	The activity of a new 2-amino-1,3,4-thiadiazole derivative 4ClABT in cancer and normal cells. <i>Folia Histochemica Et Cytobiologica</i> , 2011, 49, 436-444.	0.6	12
36	Synthesis and antifungal activity of novel 5-substituted 4-(1,3,4-thiadiazol-2-yl)benzene-1,3-diols. <i>Heteroatom Chemistry</i> , 2010, 21, 533-540.	0.4	22

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37	EFFECT OF ORGANIC MODIFIER ON THE LIPOPHILICITY OF ANTIPROLIFERATIVE ACTIVE 4-(5-AMINO-1,3,4-THIA DIAZOL-2-YL)BENZENE-1,3-DIOLS BY REVERSED-PHASE OVERPRESSURED LAYER CHROMATOGRAPHY. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2010, 33, 1417-1426.	0.5	2
38	QSAR of Antiproliferative Activity of N-Substituted 2-Amino-5-(2,4-dihydroxyphenyl)-1,3,4-thiadiazoles in Various Human Cancer Cells. <i>QSAR and Combinatorial Science</i> , 2008, 27, 607-617.	0.5	9
39	Evaluation of the Antiproliferative Activity of 2-(Monohalogenophenylamino)-5-(2,4-dihydroxyphenyl)-1,3,4-thiadiazoles. <i>Arzneimittelforschung</i> , 2008, 58, 353-357.	0.5	9
40	Anticancer, neuroprotective activities and computational studies of 2-amino-1,3,4-thiadiazole based compound. <i>Bioorganic and Medicinal Chemistry</i> , 2007, 15, 3201-3207.	1.4	151
41	Evaluation of electronic, lipophilic and membrane affinity effects on antiproliferative activity of 5-substituted-2-(2,4-dihydroxyphenyl)-1,3,4-thiadiazoles against various human cancer cells. <i>European Journal of Medicinal Chemistry</i> , 2007, 42, 940-947.	2.6	84
42	Application of Sulfinyl bis(2,4-dihydroxythiobenzoyl) in the Synthesis of N-Substituted 2-Amino-5-(2,4-dihydroxyphenyl)-1,3,4-thiadiazoles. <i>Synthetic Communications</i> , 2006, 36, 1621-1630.	1.1	32
43	Evaluation of Antiproliferative Effect in Vitro of Some 2-Amino-5-(2,4-dihydroxyphenyl)-1,3,4-thiadiazole Derivatives. <i>Chemical and Pharmaceutical Bulletin</i> , 2006, 54, 988-991.	0.6	36
44	Synthesis and Antiproliferative activity of some 5-substituted 2-(2,4-dihydroxyphenyl)-1,3,4-thiadiazoles. <i>European Journal of Medicinal Chemistry</i> , 2006, 41, 475-482.	2.6	56
45	Synthesis, antiproliferative and antifungal activities of some 2-(2,4-dihydroxyphenyl)-4H-3,1-benzothiazines. <i>Bioorganic and Medicinal Chemistry</i> , 2006, 14, 2613-2619.	1.4	51
46	Synthesis and antiproliferative activity of N-substituted 2-amino-5-(2,4-dihydroxyphenyl)-1,3,4-thiadiazoles. <i>Bioorganic and Medicinal Chemistry</i> , 2006, 14, 4483-4489.	1.4	100
47	Synthesis, antifungal activity and SAR of N-substituted and N,N-disubstituted 2,4-dihydroxythiobenzamides. <i>Journal of Pesticide Sciences</i> , 2006, 31, 14-22.	0.8	6
48	Relationships Between LC Retention, Octanol-Water Partition Coefficient, and Fungistatic Properties of 2-(2,4-Dihydroxyphenyl)benzothiazoles. <i>Journal of AOAC INTERNATIONAL</i> , 2004, 87, 579-586.	0.7	12
49	Dynamic Method of Determination of Octanol-Water Partition Coefficient of 2,4-Dihydroxythiobenzanilides in QSAR Studies. <i>QSAR and Combinatorial Science</i> , 2004, 23, 319-326.	1.5	2
50	Relationships between LC retention, octanol-water partition coefficient, and fungistatic properties of 2-(2,4-dihydroxyphenyl)benzothiazoles. <i>Journal of AOAC INTERNATIONAL</i> , 2004, 87, 579-86.	0.7	3
51	Synthesis of some 1-(2,4-dihydroxythiobenzoyl)imidazoles, -imidazolines and -tetrazoles and their potent activity against <i>Candida</i> species. <i>Il Farmaco</i> , 2003, 58, 455-461.	0.9	27
52	Synthesis of Some 1-(2,4-Dihydroxythiobenzoyl)imidazoles, -imidazolines and -tetrazoles and their Potent Activity Against <i>Candida</i> Species.. <i>ChemInform</i> , 2003, 34, no.	0.1	0
53	Synthesis and antimycotic activity of N-azolyl-2,4-dihydroxythiobenzamides. <i>Bioorganic and Medicinal Chemistry</i> , 2003, 11, 2285-2291.	1.4	21
54	Synthesis and Fungistatic Activity of New Groups of 2,4-Dihydroxythiobenzoyl Derivatives against Phytopathogenic Fungi. <i>Journal of Agricultural and Food Chemistry</i> , 2003, 51, 362-368.	2.4	12

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55	OPLC and HPTLC Methods in Physicochemical Studies of a New Group of Antimycotic Compounds. <i>Journal of Chromatographic Science</i> , 2002, 40, 581-584.	0.7	7
56	N-Heterocyclic Derivatives of 2,4-Dihydroxybenzcarbothioamide as Antimycotic Agents. <i>Journal of Agricultural and Food Chemistry</i> , 2001, 49, 5251-5257.	2.4	13
57	Evaluation of the Toxicity of Substituted Benzthioanilides by Using <i>In Vitro</i> Tests. <i>ATLA Alternatives To Laboratory Animals</i> , 2001, 29, 547-556.	0.7	5
58	Synthesis and mycological activity of the compounds obtained in the reaction of N3-substituted amidrazones with sulphinyl-bis-2,4-dihydroxybenzenethiyl. <i>European Journal of Medicinal Chemistry</i> , 2001, 36, 75-80.	2.6	36
59	In vitro evaluation of 2,4-dihydroxythiobenzanilides against various moulds. <i>European Journal of Pharmaceutical Sciences</i> , 2001, 13, 243-248.	1.9	17
60	Dependence of fungistatic activity of 2,4-dihydroxythiobenzanilides on the structure and lipophilic nature of the compounds. <i>European Journal of Medicinal Chemistry</i> , 2000, 35, 393-404.	2.6	42
61	In vitro inhibition properties of a new group of thiobenzanilides in relation to yeasts. <i>European Journal of Pharmaceutical Sciences</i> , 2000, 10, 119-123.	1.9	25
62	Reversed-Phase Thin-Layer Chromatography with Different Stationary Phases in Studies of Quantitative Structure-Biological Activity Relationship of New Antimycotic Compounds. <i>Journal of AOAC INTERNATIONAL</i> , 1999, 82, 31-37.	0.7	7
63	Influence of modifier and molecular structure of some dihydroxythiobenzanilides on retention in reversed-phase high-performance thin-layer chromatography. <i>Journal of Chromatography A</i> , 1997, 791, 237-243.	1.8	14
64	Solvent Effects on Standard Thermodynamic Functions of Surface Dissociation of Oxides. <i>Journal of Colloid and Interface Science</i> , 1994, 164, 280-284.	5.0	36