

Andrzej Niewiadomy

List of Publications by Year in descending order

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72
papers

1,076
citations

331259

21
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500791

28
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79
all docs

79
docs citations

79
times ranked

1034
citing authors

#	ARTICLE	IF	CITATIONS
1	Differences in electrochemical response of prospective anticancer drugs IPBD and Cl-IPBD, doxorubicin and Vitamin C at plasmid modified glassy carbon. <i>Bioelectrochemistry</i> , 2021, 137, 107682.	2.4	3
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	Design, synthesis and biological evaluation of novel 1,3,4-thiadiazole derivatives as anti-glioblastoma agents targeting the AKT pathway. <i>Bioorganic Chemistry</i> , 2020, 105, 104362.	2.0	7
4	ESIPT-Related Origin of Dual Fluorescence in the Selected Model 1,3,4-Thiadiazole Derivatives. <i>Molecules</i> , 2020, 25, 4168.	1.7	23
5	Synergistic antifungal interactions of amphotericin B with 4-(5-methyl-1,3,4-thiadiazole-2-yl)benzene-1,3-diol. <i>Scientific Reports</i> , 2019, 9, 12945.	1.6	28
6	Antifungal effects of a 1,3,4-thiadiazole derivative determined by cytochemical and vibrational spectroscopic studies. <i>PLoS ONE</i> , 2019, 14, e0222775.	1.1	14
7	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
8	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
9	Spectroscopic and theoretical studies of fluorescence effects in bio-active: 4-(5-(methyl-1,3,4-thiadiazol-2-yl))benzene-1,3-diol and 4-(5-(methylamino-1,3,4-thiadiazol-2-yl))benzene-1,3-diol compounds: Effect of molecular aggregation and amino group position. <i>Journal of Luminescence</i> , 2018, 201, 44-56.	1.5	10
10	Spectroscopic studies of the molecular organization of 4-([1,2,4] triazol-5-yl)benzene-1,3-diol (pyridine)	1.5	7
11	Spectroscopic and Theoretical Studies of Fluorescence Effects in 2-Methylamino-5-(2,4-dihydroxyphenyl)-1,3,4-thiadiazole Induced by Molecular Aggregation. <i>Journal of Fluorescence</i> , 2018, 28, 65-77.	1.3	5
12	Spectroscopic Studies of Dual Fluorescence in 2-(4-Fluorophenylamino)-5-(2,4-dihydroxybenzeno)-1,3,4-thiadiazole: Effect of Molecular Aggregation in a Micellar System. <i>Molecules</i> , 2018, 23, 2861.	1.7	23
13	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
14	Interplay of Inter- and Intramolecular Interactions in Crystal Structures of 1,3,4-Thiadiazole Resorcinol Derivatives. <i>Crystal Growth and Design</i> , 2018, 18, 3851-3862.	1.4	9
15	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
16	Effect of Solvent Polarizability on the Keto/Enol Equilibrium of Selected Bioactive Molecules from the 1,3,4-Thiadiazole Group with a 2,4-Hydroxyphenyl Function. <i>Journal of Physical Chemistry A</i> , 2017, 121, 1402-1411.	1.1	39
17	Spectroscopic Studies of Fluorescence Effects in Bioactive 4-(5-Heptyl-1,3,4-Thiadiazol-2-yl)Benzene-1,3-Diol and 4-(5-Methyl-1,3,4-Thiadiazol-2-yl)Benzene-1,3-Diol Molecules Induced by pH Changes in Aqueous Solutions. <i>Journal of Fluorescence</i> , 2017, 27, 1201-1212.	1.3	22
18	Isolation and spectroscopic characterization of Zn(II), Cu(II), and Pd(II) complexes of 1,3,4-thiadiazole-derived ligand. <i>Journal of Molecular Structure</i> , 2017, 1128, 44-50.	1.8	22

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19	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
20	In vitro anti-Candida albicans activity of new thiazotriazole derivative agents. <i>Progress in Health Sciences</i> , 2017, 7, 7-17.	0.1	0
21	Molecular Organization of Dipalmitoylphosphatidylcholine Bilayers Containing Bioactive Compounds 4-(5-Heptyl-1,3,4-thiadiazol-2-yl) Benzene-1,3-diol and 4-(5-Methyl-1,3,4-thiadiazol-2-yl) Benzene-1,3-diols. <i>Journal of Physical Chemistry B</i> , 2016, 120, 12047-12063.	1.2	32
22	Synthesis and antiproliferative activity of some α -substituted 2,4-dihydroxybenzothiohydrazides. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016, 31, 166-172.	2.5	2
23	Solvent Effects on Molecular Aggregation in 4-(5-Heptyl-1,3,4-thiadiazol-2-yl)benzene-1,3-diol and 4-(5-Methyl-1,3,4-thiadiazol-2-yl)benzene-1,3-diol. <i>Journal of Physical Chemistry B</i> , 2016, 120, 7958-7969.	1.2	22
24	Phase Transition Detection in Accumulation of a Potential Anticancer Drug Cl-IPBD with DNA: Supercoiled and Linear pUC19 Plasmids. <i>Electrochimica Acta</i> , 2016, 210, 422-434.	2.6	5
25	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
26	In Search of the Antimicrobial Potential of Benzimidazole Derivatives. <i>Polish Journal of Microbiology</i> , 2016, 65, 359-364.	0.6	9
27	Characterization and preliminary anticonvulsant assessment of some 1,3,4-thiadiazole derivatives. <i>Pharmacological Reports</i> , 2015, 67, 588-592.	1.5	41
28	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
29	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
30	Influence of Solvent Polarizability on the Keto-Enol Equilibrium in 4-[5-(naphthalen-1-ylmethyl)-1,3,4-thiadiazol-2-yl]benzene-1,3-diol. <i>Journal of Fluorescence</i> , 2015, 25, 1867-1874.	1.3	24
31	Spectroscopic Studies of Dual Fluorescence in 2-((4-Fluorophenyl)amino)-5-(2,4-dihydroxybenzeno)-1,3,4-thiadiazole. <i>Journal of Physical Chemistry A</i> , 2015, 119, 10791-10805.	1.1	26
32	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
33	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
34	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
35	On polymorphism of 2-(4-fluorophenylamino)-5-(2,4-dihydroxybenzeno)-1,3,4-thiadiazole (FABT) DMSO solvates. <i>CrystEngComm</i> , 2013, 15, 1978.	1.3	30
36	Effect of 2-(4-fluorophenylamino)-5-(2,4-dihydroxyphenyl)-1,3,4-thiadiazole on the molecular organisation and structural properties of the DPPC lipid multibilayers. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2012, 1818, 2850-2859.	1.4	21

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37	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
38	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
39	One-Pot Synthesis of New (1,3-thiazolo[5,4-b]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
40	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
41	Spectroscopic Studies of Intramolecular Proton Transfer in 2-(4-Fluorophenylamino)-5-(2,4-Dihydroxybenzeno)-1,3,4-Thiadiazole. <i>Journal of Fluorescence</i> , 2011, 21, 1-10.	1.3	19
42	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
43	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
44	Synthesis and Anticancer Activity of New 2-Aryl-4-H-1,3,4-benzothiazines. <i>Archiv Der Pharmazie</i> , 2011, 344, 224-230.	2.1	27
45	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
46	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
47	EFFECT OF ORGANIC MODIFIER ON THE LIPOPHILICITY OF ANTIPROLIFERATIVE ACTIVE 4-(5-AMINO-1,3,4-THIADIAZOL-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
48	Solvatomorphism of 2-(4-Fluorophenylamino)-5-(2,4-dihydroxybenzeno)-1,3,4-thiadiazole Chloride. <i>Crystal Growth and Design</i> , 2010, 10, 3480-3488.	1.4	32
49	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
50	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
51	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
52	Molecular organization of the antifungal and anticancer drug 2-(2,4-dihydroxyphenyl)-5,6-dichlorobenzothiazole in solution and in monolayers: An effect of pH. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2005, 80, 101-106.	1.7	5
53	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
54	Molecular organization of the antifungal and anticancer drug 2-(2,4-dihydroxyphenyl)-5,6-dichlorobenzothiazole (dHBBT) in solution and in lipid membranes studied by means of electronic absorption spectroscopy. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2004, 76, 33-40.	1.7	5

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55	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
56	Molecular organization of the antifungal and anticancer drug 2-(2,4-dihydroxyphenyl)-5,6-dichlorobenzothiazole (dHBBT) in solution and in lipid membranes studied by means of electronic absorption spectroscopy. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2004, 76, 33-40.	1.7	3
57	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
58	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
59	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
60	Synthesis and antimycotic activity of N-azolyl-2,4-dihydroxythiobenzamides. <i>Bioorganic and Medicinal Chemistry</i> , 2003, 11, 2285-2291.	1.4	21
61	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
62	In vitro Antifungal Activity of N,N-Phenyl-1,2,3,4-thiaziazole-5-yl-2,4- \ddot{A} resorcylcarbothioamide. <i>Arzneimittelforschung</i> , 2003, 53, 668-675.	0.5	0
63	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
64	Determination of the lipophilicity of bioactive 2-phenylbenzothiazoles by RPTLC. <i>Journal of Planar Chromatography - Modern TLC</i> , 2002, 15, 380-383.	0.6	5
65	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
66	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
67	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
68	In vitro evaluation of 2,4-dihydroxythiobenzanilides against various moulds. <i>European Journal of Pharmaceutical Sciences</i> , 2001, 13, 243-248.	1.9	17
69	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
70	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
71	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
72	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