JarosÅ‚aw SÅ‚awiÅ„ski

List of Publications by Year
in descending order

51 papers	716 citations	516561 16 h-index	610775 24 g-index
51 all docs	51 docs citations	51 times ranked	792 citing authors

#	Article	IF	Citations
1	Carbonic anhydrase inhibitors. Synthesis, and molecular structure of novel series N-substituted Nâ€²-(2-arylmethylthio-4-chloro-5-methylbenzenesulfonyl)guanidines and their inhibition of human cytosolic isozymes I and II and the transmembrane tumor-associated isozymes IX and XII. European Journal of Medicinal Chemistry, 2014, 71, 135-147.	2.6	61
2	Novel 2-benzylthio-5-(1,3,4-oxadiazol-2-yl)benzenesulfonamides with anticancer activity: Synthesis, QSAR study, and metabolic stability. European Journal of Medicinal Chemistry, 2017, 132, 236-248.	2.6	50
3	Synthesis, molecular structure, and in vitro antitumor activity of new 4-chloro-2-mercaptobenzenesulfonamide derivatives. European Journal of Medicinal Chemistry, 2005, 40, 377-389.	2.6	48
4	Carbonic anhydrase inhibitors: Synthesis and inhibition of the human cytosolic isozymes I and II and transmembrane isozymes IX, XII (cancer-associated) and XIV with 4-substituted 3-pyridinesulfonamides. European Journal of Medicinal Chemistry, 2010, 45, 2396-2404.	2.6	42
5	Carbonic anhydrase inhibitors. Synthesis of heterocyclic 4-substituted pyridine-3-sulfonamide derivatives and their inhibition of the human cytosolic isozymes I and II and transmembrane tumor-associated isozymes IX and XII. European Journal of Medicinal Chemistry, 2013, 69, 701-710.	2.6	37
6	Synthesis, structural characterization, and in vitro antitumor activity of novel N-(6-chloro-1,1-dioxo-1,4,2-benzodithiazin-3-yl)arylsulfonamides. Bioorganic and Medicinal Chemistry, 2007, 15, 2560-2572.	1.4	29
7	Novel 2-(2-arylmethylthio-4-chloro-5-methylbenzenesulfonyl)-1-(1,3,5-triazin-2-ylamino)guanidine derivatives: Inhibition of human carbonic anhydrase cytosolic isozymes I and II and the transmembrane tumor-associated isozymes IX and XII, anticancer activity, and molecular modeling studies. European Journal of Medicinal Chemistry, 2018, 143, 1931-1941.	2.6	26
8	Carbonic anhydrase inhibitors. Regioselective synthesis of novel 1-substituted 1,4-dihydro-4-oxo-3-pyridinesulfonamides and their inhibition of the human cytosolic isozymes I and II and transmembrane cancer-associated isozymes IX and XII. European Journal of Medicinal Chemistry, 2010, 45, 3656-3661.	2.6	25
9	Carbonic anhydrase inhibitors. Selective inhibition of human tumor-associated isozymes IX and XII and cytosolic isozymes I and II with some substituted-2-mercapto-benzenesulfonamides. Journal of Enzyme Inhibition and Medicinal Chemistry, 2006, 21, 563-568.	2.5	19
10	Synthesis and molecular structure of novel 2-(alkylthio)-4-chloro-N-(4,5-dihydro-5-oxo-1H-1,2,4-triazol-3-yl)-5-methylbenzenesulfonamides with potential anticancer activity. Monatshefte FÃ¼r Chemie, 2012, 143, 1705-1718.	0.9	18
11	Carbonic anhydrase inhibitors. Synthesis of a novel series of 5-substituted 2,4-dichlorobenzenesulfonamides and their inhibition of human cytosolic isozymes I and II and the transmembrane tumor-associated isozymes IX and XII. European Journal of Medicinal Chemistry, 2014, 82, 47-55.	2.6	18
12	Synthesis and anti-HIV-1 integrase activities of 3-aroyl-2,3-dihydro-1,1-dioxo-1,4,2-benzodithiazines. European Journal of Medicinal Chemistry, 2009, 44, 190-196.	2.6	17
13	Synthesis of a new series of N4-substituted 4-(2-aminoethyl)benzenesulfonamides and their inhibitory effect on human carbonic anhydrase cytosolic isozymes I and II and transmembrane tumor-associated isozymes IX and XII. European Journal of Medicinal Chemistry, 2014, 84, 59-67.	2.6	17
14	Novel 2-(2-alkylthiobenzenesulfonyl)-3-(phenylprop-2-ynylideneamino)guanidine derivatives as potent anticancer agents â€“ Synthesis, molecular structure, QSAR studies and metabolic stability. European Journal of Medicinal Chemistry, 2017, 138, 357-370.	2.6	17
15	1-(2-Mercaptobenzenesulfonyl)-3-hydroxyguanidines â€“ Novel potent antiproliferatives, synthesis and inÂvitro biological activity. European Journal of Medicinal Chemistry, 2012, 55, 384-394.	2.6	16
16	Novel 5-Substituted 2-(Aylmethylthio)-4-chloro-N-(5-aryl-1,2,4-triazin-3-yl)benzenesulfonamides: Synthesis, Molecular Structure, Anticancer Activity, Apoptosis-Inducing Activity and Metabolic Stability. Molecules, 2016, 21, 808.	1.7	16
17	Syntheses of Novel 4-Substituted N-(5-amino-1H-1,2,4-triazol-3-yl)pyridine-3-sulfonamide Derivatives with Potential Antifungal Activity. Molecules, 2017, 22, 1926.	1.7	14
18	Target-based drug discovery through inversion of quantitative structure-drug-property relationships and molecular simulation: CA IX-sulphonamide complexes. Journal of Enzyme Inhibition and Medicinal Chemistry, 2018, 33, 1430-1443.	2.5	14

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19	Simultaneous activation of muscarinic and GABAB receptors as a bidirectional target for novel antipsychotics. Behavioural Brain Research, 2019, 359, 671-685.	1.2	14
20	Synthesis and inÂvitro activity of novel 2-(benzylthio)-4-chloro-5-(1,3,4-oxadiazol-2-yl)benzenesulfonamide derivatives. Monatshefte FÃ¼r Chemie, 2012, 143, 975-984.	0.9	13
21	Synthesis and antibacterial activity of novel 4-chloro-2-mercaptobenzenesulfonamide derivatives. Journal of Enzyme Inhibition and Medicinal Chemistry, 2013, 28, 41-51.	2.5	13
22	Synthesis, Molecular Structure, Metabolic Stability and QSAR Studies of a Novel Series of Anticancer N-Acylbenzenesulfonamides. Molecules, 2015, 20, 19101-19129.	1.7	13
23	Synthesis of a new series of 4-chloro-2-mercapto-5-methylbenzenesulfonamide derivatives with potential antitumor activity. European Journal of Medicinal Chemistry, 2004, 39, 179-188.	2.6	12
24	Synthesis and Antitumor Activity of Novel Nâ€™-(2-Benzylthiobenzenesulfonyl)-1H-pyrazole-1-amidine Derivatives. Heterocycles, 2011, 83, 1093.	0.4	12
25	Carbonic anhydrase inhibitors. Regioselective synthesis of novel series 1-substituted 1,4-dihydro-4-oxo-3-pyridinesulfonamides and their inhibition of the human cytosolic isozymes I and II and transmembrane cancer-associated isozymes IX and XII. European Journal of Medicinal Chemistry, 2012, 56, 282-291.	2.6	12
26	Synthesis of Novel 1-(4-Substituted pyridine-3-sulfonyl)-3-phenylureas with Potential Anticancer Activity. Molecules, 2015, 20, 12029-12044.	1.7	12
27	Application of 3â€methylthiopyrido[4,3â€e]â€1,4,2â€dithiazine 1,1â€dioxide to the synthesis of novel series of 4Hâ€pyrido[4,3â€e]â€1,2,4â€thiadiazine derivatives with potential biological activity. Journal of Heterocyclic Chemistry, 2009, 46, 1396-1403.	1.4	11
28	Synthesis, QSAR studies, and metabolic stability of novel 2â€alkylthioâ€4â€chloroâ€Nâ€(5â€oxoâ€4,5â€dihydroâ€1,2,4â€triazinâ€3â€yl)benzenesulfonamide derivatives as potential anticancer and apoptosisâ€inducing agents. Chemical Biology and Drug Design, 2017, 90, 380-396.	1.5	11
29	Synthesis, structure, and biological activity of novel heterocyclic sulfonyl-carboximidamides. Monatshefte FÃ¼r Chemie, 2013, 144, 647-658.	0.9	9
30	Synthesis and Anti-Yeast Evaluation of Novel 2-Alkylthio-4-chloro-5-methyl-N-[imino-(1-oxo-(1H)-phthalazin-2-yl)methyl]benzenesulfonamide Derivatives. Molecules, 2014, 19, 13704-13723.	1.7	9
31	Inhibition studies ofBrucella suisÎ²-carbonic anhydrases with a series of 4-substituted pyridine-3-sulphonamides. Journal of Enzyme Inhibition and Medicinal Chemistry, 2018, 33, 255-259.	2.5	9
32	Synthesis and QSAR Study of Novel 6-Chloro-3-(2-Arylmethylene-1-methylhydrazino)-1,4,2-benzodithiazine 1,1-Dioxide Derivatives with Anticancer Activity. Molecules, 2015, 20, 5754-5770.	1.7	8
33	Synthesis of Novel Pyrido[4,3-e][1,2,4]triazino[3,2-c][1,2,4]thiadiazine 6,6-dioxide Derivatives with Potential Anticancer Activity. Molecules, 2016, 21, 41.	1.7	8
34	Novel 3-Amino-6-chloro-7-(azol-2 or 5-yl)-1,1-dioxo-1,4,2-benzodithiazine Derivatives with Anticancer Activity: Synthesis and QSAR Study. Molecules, 2015, 20, 21960-21970.	1.7	7
35	Synthesis, Molecular Structure, Anticancer Activity, and QSAR Study of N-(aryl/heteroaryl)-4-(1H-pyrrol-1-yl)Benzenesulfonamide Derivatives. International Journal of Molecular Sciences, 2018, 19, 1482.	1.8	7
36	Reaction Products of Activated Aromatic and Heteroaromatic Chlorides with N,N-Disubstituted Formamides. Synthetic Communications, 2010, 40, 1639-1645.	1.1	6

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37	Synthesis, Antitumor Evaluation, Molecular Modeling and Quantitative Structureâ€“Activity Relationship (QSAR) of Novel 2-[(4-Amino-6-N-substituted-1,3,5-triazin-2-yl)methylthio]-4-chloro-5-methyl-N-(1H-benzo[d]imidazol-2(3H)-ylidene)Benzenesulfonamide. International Journal of Molecular Sciences, 2020, 21, 2924.	4.8	6
38	Synthesis and structure determination of 2,3-diaryl-9,9-dioxo-1 H -9-thia-1,4,4a,7,10-pentaazaphenanthrene-2-ols. Tetrahedron, 2013, 69, 8675-8679.	1.0	5
39	Synthesis of 2-alkylthio-N-(quinazolin-2-yl)benzenesulfonamide derivatives: anticancer activity, QSAR studies, and metabolic stability. Monatshefte FÃ¼r Chemie, 2018, 149, 1885-1898.	0.9	5
40	Synthesis, molecular structure, and metabolic stability of new series of N'-(2-alkylthio-4-chloro-5-methylbenzenesulfonyl)-1-(5-phenyl-1H-pyrazol-1-yl)amidine as potential anti-cancer agents. European Journal of Medicinal Chemistry, 2018, 155, 670-680.	2.6	5
41	N-(2-Arylmethylthio-4-Chloro-5-Methylbenzenesulfonyl)amide Derivatives as Potential Antimicrobial Agentsâ€”Synthesis and Biological Studies. International Journal of Molecular Sciences, 2020, 21, 210.	1.8	4
42	Mass Spectrometry Based Identification of Geometric Isomers during Metabolic Stability Study of a New Cytotoxic Sulfonamide Derivatives Supported by Quantitative Structure-Retention Relationships. PLoS ONE, 2014, 9, e98096.	1.1	4
43	Modeling of Anticancer Sulfonamide Derivatives Lipophilicity by Chemometric and Quantitative Structure-Retention Relationships Approaches. Molecules, 2022, 27, 3965.	1.7	4
44	Novel N-(aryl/heteroaryl)-2-chlorobenzenesulfonamide derivatives: Synthesis and anticancer activity evaluation. Bioorganic Chemistry, 2020, 104, 104309.	2.0	3
45	Synthesis, Anticancer Evaluation and Structure-Activity Analysis of Novel (E)- 2020, 21, 2235.	1.8	3
46	Synthesis of a new series of biologically interesting 6â€²-chloro-1â€²,1â€²-dioxospiro[4H-benzo[d][1,3,7]oxadiazocine-4,3â€²(2â€²H)-[1,4,2]benzodithiazine]-2,6(1H,5H)dione derivatives. Monatshefte FÃ¼r Chemie, 2013, 144, 1397-1405.	1.5	2
47	New 2-[(4-Amino-6-N-substituted-1,3,5-triazin-2-yl)methylthio]-N-(imidazolidin-2-ylidene)-4-chloro-5-methylbenzenesulfonamide Derivatives, Design, Synthesis and Anticancer Evaluation. International Journal of Molecular Sciences, 2022, 23, 7178.	4.8	2
48	Synthesis of Novel Series of 6â€²Chloroâ€²1,1â€²dioxoâ€²1,4,2â€²benzodithiazine Derivatives with Potential Biological Activity. Journal of Heterocyclic Chemistry, 2013, 50, 1099-1107.	1.4	1
49	N-Substituted N' -(2-alkylthio-4-chloro-5-methylbenzenesulfonyl)guanidines â€“ Antibacterial, Cytotoxic Activities and Some Structure-Activity Relationships. Polish Journal of Microbiology, 2015, 64, 299-305.	0.6	1
50	N-Substituted N'-(2-alkylthio-4-chloro-5-methylbenzenesulfonyl)guanidines--Antibacterial, Cytotoxic Activities and Some Structure-Activity Relationships. Polish Journal of Microbiology, 2015, 64, 299-305.	0.6	1
51	On the Reaction Products of 4â€²Substituted 3â€²Pyridinesulfonamides with Some Benzenesulfonyl Chloride Derivatives. Journal of Heterocyclic Chemistry, 2014, 51, 11-17.	1.4	0