

Konrad Misiura

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Diastereomers of Nucleoside 3'-O-(2-Thio-1,3,2-oxathia(seleno)phospholanes): Building Blocks for Stereocontrolled Synthesis of Oligo(nucleoside phosphorothioate)s. <i>Journal of the American Chemical Society</i> , 1995, 117, 12019-12029.	13.7	135
2	Discovery of tropinone-thiazole derivatives as potent caspase 3/7 activators, and noncompetitive tyrosinase inhibitors with high antiproliferative activity: Rational design, one-pot tricomponent synthesis, and lipophilicity determination. <i>European Journal of Medicinal Chemistry</i> , 2019, 175, 162-171.	5.5	37
3	Synthesis, antimicrobial evaluation and theoretical prediction of NMR chemical shifts of thiazole and selenazole derivatives with high antifungal activity against <i>Candida</i> spp.. <i>Journal of Molecular Structure</i> , 2016, 1108, 427-437.	3.6	31
4	Synthesis, antimicrobial and anticonvulsant screening of small library of tetrahydro-2H-thiopyran-4-yl based thiazoles and selenazoles. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016, 31, 24-39.	5.2	28
5	Synthesis and anticonvulsant activities of novel 2-(cyclopentylmethylene)hydrazinyl-1,3-thiazoles in mouse models of seizures. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016, 31, 1576-1582.	5.2	25
6	Synthesis, In Vitro Biological Screening and Molecular Docking Studies of Novel Camphor-Based Thiazoles. <i>Medicinal Chemistry</i> , 2014, 10, 600-608.	1.5	24
7	Synthesis and In Vitro Antiproliferative Activity of Thiazole-Based Nitrogen Mustards: The Hydrogen Bonding Interaction between Model Systems and Nucleobases. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2014, 14, 1271-1281.	1.7	22
8	Synthesis of Nucleoside β -Thiotriphosphates via an Oxathiaphospholane Approach. <i>Organic Letters</i> , 2005, 7, 2217-2220.	4.6	21
9	Thiazole-based nitrogen mustards: Design, synthesis, spectroscopic studies, DFT calculation, molecular docking, and antiproliferative activity against selected human cancer cell lines. <i>Journal of Molecular Structure</i> , 2016, 1119, 139-150.	3.6	21
10	Synthesis and antitumor activity of analogs of ifosfamide modified in the N-(2-chloroethyl) group. <i>Journal of Medicinal Chemistry</i> , 1988, 31, 226-230.	6.4	19
11	The First Stereocontrolled Solid-Phase Synthesis of Di-, Tri-, and Tetra[adenosine (2',5'-phosphorothioate)s]. <i>Journal of Organic Chemistry</i> , 1998, 63, 7097-7100.	3.2	19
12	Anti-Sense Oligodeoxynucleoside Phosphorothioates Nonspecifically Inhibit Invasion of Red Blood Cells by Malaria Parasites. <i>Biochemical and Biophysical Research Communications</i> , 1996, 218, 930-933.	2.1	17
13	Role of GSTM1, GSTP1, and GSTT1 Gene Polymorphism in Ifosfamide Metabolism Affecting Neurotoxicity and Nephrotoxicity in Children. <i>Journal of Pediatric Hematology/Oncology</i> , 2005, 27, 582-589.	0.6	17
14	Dithymidyl-3',5'-phosphorofluoridates: new synthesis and stability under solvolytic conditions. <i>Journal of the Chemical Society Chemical Communications</i> , 1995, , 613-614.	2.0	16
15	A New Method for Distinguishing between Enantiomers and Racemates and Assignment of Enantiomeric Purity by Means of Solid-State NMR. Examples from Oxazaphosphorinanes. <i>Chemistry - A European Journal</i> , 2002, 8, 5007-5011.	3.3	15
16	Tropinone-Derived Alkaloids as Potent Anticancer Agents: Synthesis, Tyrosinase Inhibition, Mechanism of Action, DFT Calculation, and Molecular Docking Studies. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9050.	4.1	15
17	Synthesis, Antibacterial Activity, Interaction with Nucleobase and Molecular Docking Studies of 4-Formylbenzoic Acid Based Thiazoles. <i>Medicinal Chemistry</i> , 2016, 12, 553-562.	1.5	14
18	Synthesis and chemical and enzymatic reactivity of thymidine 3'-O- and 5'-O-phosphorofluoridothioates. <i>Chemical Communications</i> , 1998, , 515-516.	4.1	13

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19	DBU-assisted 1,3,2-oxathiaphospholane ring-opening condensation with selected O-, S-, N- and C-nucleophiles. <i>Tetrahedron Letters</i> , 2004, 45, 4301-4305.	1.4	13
20	Synthesis, Antimicrobial Activities and Molecular Docking Studies of Novel 6-Hydroxybenzofuran-3(2H)-one Based 2,4-Disubstituted 1,3- Thiazoles. <i>Letters in Drug Design and Discovery</i> , 2013, 10, 798-807.	0.7	12
21	Discovery and Evaluation of Efficient Selenazoles with High Antifungal Activity Against <i>Candida</i> spp.. <i>Medicinal Chemistry</i> , 2015, 11, 118-127.	1.5	12
22	Stereochemistry of phosphorus-nitrogen bond cleavage. First crystal and structural assignment in cyclic phosphoramidofluoridates. <i>Journal of Organic Chemistry</i> , 1985, 50, 1815-1818.	3.2	11
23	Synthesis, chemical and enzymatic reactivity, and toxicity of dithymidyl-3',5'-phosphorofluoridate and -phosphorothiofluoridate. <i>Bioorganic and Medicinal Chemistry</i> , 2001, 9, 1525-1532.	3.0	11
24	Deoxyxylthymidine 3'-O-phosphorothioates: Synthesis, stereochemistry and stereocontrolled incorporation into oligothymidylates. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1997, 7, 2651-2656.	2.2	10
25	The synthesis of 5'-O-DMT-thymidine 3'-O-(2-THIO-1,3,2-oxaselenaphospholane) and its possible application in stereocontrolled synthesis of oligo(nucleoside phosphorothioate)s. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1994, 4, 1037-1040.	2.2	8
26	Ifosfamide. <i>Metabolic Studies, New Therapeutic Approaches and New Analogs. Mini-Reviews in Medicinal Chemistry</i> , 2006, 6, 395-400.	2.4	8
27	Synthesis and antimicrobial activities of novel 6-(1,3-thiazol-4-yl)-1,3-benzoxazol-2(3H)-one derivatives. <i>Heterocyclic Communications</i> , 2014, 20, .	1.2	7
28	Studies on enzymatic hydrolysis of thymidin-3'-yl thymidin-5'-yl phosphorofluoridates and the corresponding phosphorothiofluoridates. <i>Chemical Communications</i> , 1999, , 2115-2116.	4.1	6
29	(S)-(α)-Bromofosfamide (CBM-11): synthesis and antitumor activity and toxicity in mice. <i>Anti-Cancer Drugs</i> , 2001, 12, 453-458.	1.4	6
30	Synthesis and Structural Studies of SP and RP Diastereomers of Deoxyxylthymidyl-3'-O-acetylthymidyl (3',5'-O-(2-Cyanoethyl)phosphorothioate in Solution and in the Solid State. <i>European Journal of Organic Chemistry</i> , 2001, 2001, 1491-1501.	2.4	5
31	Reactivity of nucleoside 5'-O-phosphates, -phosphorothioates, -methanephosphonates, and -methanephosphonothioates toward activated xylonucleosides. <i>Heteroatom Chemistry</i> , 1999, 10, 91-104.	0.7	4
32	Synthesis, in vitro metabolic studies, and antitumour activity of methyl analogues of ifosfamide. <i>Archiv Der Pharmazie</i> , 2001, 334, 291.	4.1	4
33	Studies on the Side-chain Hydroxylation of Ifosfamide and Its Bromo Analogue. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2002, 12, 427-431.	2.2	4
34	Synthesis and biological evaluation of novel 2-(1H-imidazol-2-ylmethylidene)hydrazinyl- 1,3-thiazoles as potential antimicrobial agents. <i>Heterocyclic Communications</i> , 2015, 21, .	1.2	4
35	Synthesis and reactivity of dithymidyl-3',5'-phosphorothiofluoridates. <i>Collection of Czechoslovak Chemical Communications</i> , 1996, 61, 101-106.	1.0	4
36	Isophosphoramidate mustard analogues as prodrugs for anticancer gene-directed enzyme-prodrug therapy (GDEPT).. <i>Acta Biochimica Polonica</i> , 2002, 49, 169-176.	0.5	4

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37	Synthesis and Antimicrobial Activities of (4,5,6,7-Tetrahydro-1H-indazol-2(3H-yl)thiazole Derivatives. Letters in Drug Design and Discovery, 2014, 11, 960-967.	0.7	4
38	Synthesis of 17O (and 18O) labelled isophosphoramidate mustard. Journal of Labelled Compounds and Radiopharmaceuticals, 1994, 34, 247-254.	1.0	3
39	The synthesis, X-ray and solid state NMR studies of 2-N,N-diisopropylamino-1,3,2λ ⁵ -oxaselenaphospholane-2-selone. Journal of the Chemical Society Perkin Transactions II, 1997, , 163-168.	0.9	3
40	Synthesis and antitumour activity of stereoisomers of 4-hydroperoxy derivatives of ifosfamide and its bromo analogue. Il Farmaco, 2002, 57, 315-319.	0.9	3
41	Nucleophilic N ¹ →N ³ Rearrangement of 5 ² -O-Trityl-O ² ,3 ² -Cycloanhydrothymidine. Nucleosides, Nucleotides and Nucleic Acids, 2000, 19, 1657-1673.	1.1	2
42	Analysis of the Urinary Excretion of Ifosfamide and its N-Dechloroethylated Metabolites in Children Using 31P-NMR Spectroscopy. Arzneimittelforschung, 2003, 53, 372-377.	0.4	2
43	Triazene salts: Design, synthesis, ctDNA interaction, lipophilicity determination, DFT calculation, and antiproliferative activity against human cancer cell lines. Saudi Pharmaceutical Journal, 2019, 27, 303-311.	2.7	2
44	The Disulfide Analogues of Isophosphoramidate Mustard for Anticancer Therapy. Letters in Drug Design and Discovery, 2014, 12, 172-179.	0.7	2
45	Ion Exchange HPLC Analysis of Oligoribonucleotides and Chimeric Oligoribo-oligodeoxyribonucleotides. Annals of the New York Academy of Sciences, 1992, 660, 321-323.	3.8	1
46	Oxathiaphospholane Approach to the Synthesis of Nucleoside Methane ² phosphonothioates. Synlett, 2004, 2004, 2143-2146.	1.8	0
47	Isophosphoramidate mustard analogues as prodrugs for anticancer gene-directed enzyme-prodrug therapy (GDEPT). Acta Biochimica Polonica, 2002, 49, 169-76.	0.5	0
48	Phosphate prodrugs of isophosphoramidate mustard. Acta Poloniae Pharmaceutica, 2003, 60, 109-12.	0.1	0