# Tomasz Ostrowski

## List of Publications by Year in descending order

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| 39 | 692 | 567281 15 | 642732 23 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 41 | 41 | 41 | 812 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Exploring the active site of herpes simplex virus type-1 thymidine kinase by X-ray crystallography of complexes with aciclovir and other ligands. , 1998, 32, 350-361. | | 123 |
| 2 | 5-Substituted Pyrimidines with a 1,5-Anhydro-2,3-dideoxy-d-arabino-hexitol Moiety at N-1:Â Synthesis, Antiviral Activity, Conformational Analysis, and Interaction with Viral Thymidine Kinase. Journal of Medicinal Chemistry, 1998, 41, 4343-4353. | 6.4 | 50 |
| 3 | Fluorescent Tricyclic Analogues of Acyclovir and Ganciclovir. A Structureâ^'Antiviral Activity Study. Journal of Medicinal Chemistry, 2001, 44, 4284-4287. | 6.4 | 46 |
| 4 | Tricyclic Analogs of Acyclovir and Ganciclovir. Influence of Substituents in the Heterocyclic Moiety on the Antiviral Activity. Journal of Medicinal Chemistry, 1994, 37, 3187-3190. | 6.4 | 42 |
| 5 | Antivirally Active Ribavirin Analogues â€“ 4,5-disubstituted 1,2,3-triazole Nucleosides: Biological Evaluation against Certain Respiratory Viruses and Computational Modelling. Antiviral Chemistry and Chemotherapy, 2014, 23, 161-171. | 0.6 | 41 |
| 6 | Sugar Conformational Effects on the Photochemistry of Thymidylyl(3â€˜-5â€˜)thymidine. Journal of Organic Chemistry, 2003, 68, 6502-6510. | 3.2 | 33 |
| 7 | Tricyclic nucleoside analogues as antiherpes agents. Antiviral Research, 2006, 71, 134-140. | 4.1 | 31 |
| 8 | Bioactive nucleoside analogues possessing selected five-membered azaheterocyclic bases. European Journal of Medicinal Chemistry, 2015, 97, 409-418. | 5.5 | 31 |
| 9 | Aminoacyl-tRNA Synthetase Inhibitors as Potent and Synergistic Immunosuppressants. Journal of Medicinal Chemistry, 2008, 51, 3020-3029. | 6.4 | 28 |
| 10 | 5-Ethynyl-1-Î²-d-ribofuranosyl-1H-[1,2,3]triazole-4-carboxylic acid amide (ETCAR) and its analogues: Synthesis and cytotoxic properties. Bioorganic and Medicinal Chemistry, 2011, 19, 4386-4398. | 3.0 | 28 |
| 11 | Synthesis and anti-VZV activity of 6-heteroaryl derivatives of tricyclic acyclovir and 9-{[cis-1â€²,2â€²-bis(hydroxymethyl)cycloprop-1â€²-yl]methyl}guanine analogues. European Journal of Medicinal Chemistry, 2009, 44, 3313-3317. | 5.5 | 26 |
| 12 | Pronounced cytostatic activity and bystander effect of a novel series of fluorescent tricyclic acyclovir and ganciclovir derivatives in herpes simplex virus thymidine kinase gene-transduced tumor cell lines. Gene Therapy, 2002, 9, 1173-1182. | 4.5 | 23 |
| 13 | Synthesis of acyclowyosine and acyclo-3-methylguanosine, as probes for some chemical and biological properties resulting from the N-3 substitution of guanosine and its analogues. Journal of the Chemical Society Perkin Transactions 1, 1991, , 589. | 0.9 | 19 |
| 14 | 2-Aryl-8-aza-3-deazaadenosine analogues of 5â€²-O-[N-(salicyl)sulfamoyl]adenosine: Nucleoside antibiotics that block siderophore biosynthesis in Mycobacterium tuberculosis. Bioorganic and Medicinal Chemistry, 2016, 24, 3133-3143. | 3.0 | 18 |
| 15 | Acyclovir inhibits Cyprinid herpesvirus 3 multiplication inÂvitro. Journal of Fish Diseases, 2018, 41, 1709-1718. | 1.9 | 17 |
| 16 | Fluorosubstitution and 7-alkylation as prospective modifications of biologically active 6-aryl derivatives of tricyclic acyclovir and ganciclovir analogues. Bioorganic and Medicinal Chemistry, 2005, 13, 2089-2096. | 3.0 | 15 |
| 17 | Synthesis and biological activity of tricyclic analogues of 9-{[cis-1â€²,2â€²-bis(hydroxymethyl)cycloprop-1â€²-yl]methyl}guanine. Bioorganic and Medicinal Chemistry, 2006, 14, 3535-3542. | 3.0 | 15 |
| 18 | Characteristics of Transfer RNA-Derived Fragments Expressed during Human Renal Cell Development: The Role of Dicer in tRF Biogenesis. International Journal of Molecular Sciences, 2022, 23, 3644. | 4.1 | 15 |

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|---|---|---|---|
| 19 | Implications of Oxidative Stress in Glioblastoma Multiforme Following Treatment with Purine Derivatives. Antioxidants, 2021, 10, 950. | 5.1 | 14 |
| 20 | The ThermalN9/N7 Isomerization ofN2-Acylated 2â€²-Deoxyguanosine Derivatives in the Melt and in Solution. Helvetica Chimica Acta, 2002, 85, 388-398. | 1.6 | 10 |
| 21 | Chemical synthesis and spontaneous glycosidic hydrolysis of 3-methyl-2â€²-deoxyguanosine and 2â€²-deoxywyosine [1]. Nucleic Acids Research, 1990, 18, 4779-4782. | 14.5 | 9 |
| 22 | Substituent â€" Directed Aralkylation and Alkylation Reactions of the Tricyclic Analogues of Acyclovir and Guanosine. Nucleosides, Nucleotides and Nucleic Acids, 2000, 19, 1911-1929. | 1.1 | 9 |
| 23 | Spectral and photophysical properties of some imidazo[1,2-a]purine derivatives related to acyclovir. Journal of Photochemistry and Photobiology A: Chemistry, 2004, 163, 171-180. | 3.9 | 8 |
| 24 | Synthesis of 5-ethynyl-1-Â-D-ribofuranosyl-1H-[1,2,3]triazole-4-carboxylic acid amide (isosteric to EICAR) and its derivatives. Nucleic Acids Symposium Series, 2008, 52, 585-586. | 0.3 | 6 |
| 25 | Anti-CyHV-3 effect of fluorescent, tricyclic derivative of acyclovir 6-(4-MeOPh)-TACV in vitro. Journal of Veterinary Research (Poland), 2019, 63, 513-518. | 1.0 | 6 |
| 26 | Ester Groups as Carriers of Antivirally Active Tricyclic Analogue of Acyclovir in Prodrugs Designing: Synthesis, Lipophilicity â€" Comparative Statistical Study of the Chromatographic and Theoretical Methods, Validation of the HPLC Method. Combinatorial Chemistry and High Throughput Screening, 2014, 17, 639-650. | 1.1 | 5 |
| 27 | Ribosylation of 3-Methylguanine and the Relative Stability of its 7- and 9-Î±-D-Ribofuranosides. Nucleosides & Nucleotides, 1989, 8, 1271-1280. | 0.5 | 4 |
| 28 | Studies on structure of kinetin riboside and its analogues by variable-temperature NMR. Journal of Molecular Structure, 2019, 1195, 110-118. | 3.6 | 4 |
| 29 | Multinuclear magnetic resonance characterization and antiproliferative studies of novel dichlorido platinum(II) complexes containing kinetin riboside and 1-Î²-d-ribofuranosyl-4-(2-pyridyl)-1H-1,2,3-triazole. Polyhedron, 2020, 180, 114428. | 2.2 | 3 |
| 30 | HPLC and HPLC/MS/MS Studies on Stress, Accelerated and Intermediate Degradation Tests of Antivirally Active Tricyclic Analog of Acyclovir. Journal of AOAC INTERNATIONAL, 2015, 98, 1240-1247. | 1.5 | 2 |
| 31 | Alkylation of 9â€substituted guanine derivatives with Î±,Ï‰â€dihaloalkanes. Heteroatom Chemistry, 2017, 28, . | 0.7 | 2 |
| 32 | Comparative analysis of stability of tricyclic analogues of acyclovir in an acidic environment. Reaction Kinetics, Mechanisms and Catalysis, 2019, 127, 283-299. | 1.7 | 2 |
| 33 | 7â€(Î²â€<scp>D</scp>â€Ribofuranosyl)guanine and its Analogues Modified in the Sugar Portion: Synthesis and Antiglioma Properties. ChemistrySelect, 2020, 5, 13370-13375. | 1.5 | 2 |
| 34 | Oxidative cleavage of the tricyclic derivatives of 9-substituted guanines. Collection of Czechoslovak Chemical Communications, 1996, 61, 38-41. | 1.0 | 2 |
| 35 | A Convenient Approach to N-3 Alkylation of 9-Substituted Guanines. Nucleosides & Nucleotides, 1999, 18, 565-567. | 0.5 | 1 |
| 36 | 2-Bromowyosine and related compounds. Probing the effects of simultaneous presence of syn and anti directing substituents. Collection of Czechoslovak Chemical Communications, 1993, 58, 56-59. | 1.0 | 1 |

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|---|---|---|---|
| 37 | The isomerization of 2'-deoxyguanosine and the incorporation of guanine N7-(2'-deoxy-Î²-D-ribonucleoside) into oligonucleotide duplexes. , 1999, , . | | 1 |
| 38 | Aralkylation reactions of 3,9-dihydro-3-R1-6-R2-9-oxo-5H-imidazo[ 1,2-a]purines directed by substituents in 3 and 6 positions. , 1999, , . | | 0 |
| 39 | 7-(Î²-d-Ribofuranosyl)-3-methylguanine: Synthesis from guanine and comparative multinuclear NMR studies. Journal of Molecular Structure, 2021, , 131911. | 3.6 | 0 |