

Michal Hocek

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2928089/publications.pdf>

Version: 2024-02-01

281
papers

9,035
citations

38742

50
h-index

76900

74
g-index

379
all docs

379
docs citations

379
times ranked

5147
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | <i>i></i> C</i>-Nucleosides: Synthetic Strategies and Biological Applications. <i>Chemical Reviews</i> , 2009, 109, 6729-6764. | 47.7 | 309 |
| 2 | Synthesis and Cytostatic Activity of Substituted 6-Phenylpurine Bases and Nucleosides: Application of the Suzuki-Miyaura Cross-Coupling Reactions of 6-Chloropurine Derivatives with Phenylboronic Acids. <i>Journal of Medicinal Chemistry</i> , 2000, 43, 1817-1825. | 6.4 | 204 |
| 3 | Cytostatic 6-Arylpurine Nucleosides. 6-SAR in Anti-HCV and Cytostatic Activity of Extended Series of 6-Hetarylpurine Ribonucleosides. <i>Journal of Medicinal Chemistry</i> , 2005, 48, 5869-5873. | 6.4 | 137 |
| 4 | Cross-coupling reactions of nucleoside triphosphates followed by polymerase incorporation. Construction and applications of base-functionalized nucleic acids. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 2233. | 2.8 | 135 |
| 5 | Syntheses of Purines Bearing Carbon Substituents in Positions 2, 6 or 8 by Metal- or Organometal-Mediated C-C Bond-Forming Reactions. <i>European Journal of Organic Chemistry</i> , 2003, 2003, 245-254. | 2.4 | 133 |
| 6 | Nucleobase modification as redox DNA labelling for electrochemical detection. <i>Chemical Society Reviews</i> , 2011, 40, 5802. | 38.1 | 132 |
| 7 | Synthesis of Base-Modified 2-Deoxyribonucleoside Triphosphates and Their Use in Enzymatic Synthesis of Modified DNA for Applications in Bioanalysis and Chemical Biology. <i>Journal of Organic Chemistry</i> , 2014, 79, 9914-9921. | 3.2 | 132 |
| 8 | Aminophenyl- and Nitrophenyl-Labeled Nucleoside Triphosphates: Synthesis, Enzymatic Incorporation, and Electrochemical Detection. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 2059-2062. | 13.8 | 131 |
| 9 | An Efficient Method for the Construction of Functionalized DNA Bearing Amino Acid Groups through Cross-Coupling Reactions of Nucleoside Triphosphates Followed by Primer Extension or PCR. <i>Chemistry - A European Journal</i> , 2007, 13, 6196-6203. | 3.3 | 128 |
| 10 | Direct C-H Arylation of Purines: Development of Methodology and Its Use in Regioselective Synthesis of 2,6,8-Trisubstituted Purines. <i>Organic Letters</i> , 2006, 8, 5389-5392. | 4.6 | 124 |
| 11 | Ferrocenylethynyl Derivatives of Nucleoside Triphosphates: Synthesis, Incorporation, Electrochemistry, and Bioanalytical Applications. <i>Chemistry - A European Journal</i> , 2007, 13, 9527-9533. | 3.3 | 117 |
| 12 | Cross-coupling reactions of unprotected halopurine bases, nucleosides, nucleotides and nucleoside triphosphates with 4-boronophenylalanine in water. Synthesis of (purin-8-yl)- and (purin-6-yl)phenylalanines. <i>Organic and Biomolecular Chemistry</i> , 2006, 4, 2278-2284. | 2.8 | 112 |
| 13 | Direct Polymerase Synthesis of Reactive Aldehyde-Functionalized DNA and Its Conjugation and Staining with Hydrazines. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 1064-1066. | 13.8 | 106 |
| 14 | Cytostatic 6-Arylpurine Nucleosides III. Synthesis and Structure-Activity Relationship Study in Cytostatic Activity of 6-Aryl-, 6-Hetaryl- and 6-Benzylpurine Ribonucleosides. <i>Collection of Czechoslovak Chemical Communications</i> , 2001, 66, 483-499. | 1.0 | 104 |
| 15 | A Rotational BODIPY Nucleotide: An Environment-Sensitive Fluorescence Lifetime Probe for DNA Interactions and Applications in Live-Cell Microscopy. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 174-178. | 13.8 | 103 |
| 16 | Synthesis and Significant Cytostatic Activity of 7-Hetaryl-7-deazaadenosines. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 5498-5507. | 6.4 | 101 |
| 17 | Base-Modified DNA Labeled by [Ru(bpy) ₃] ²⁺ and [Os(bpy) ₃] ²⁺ Complexes: Construction by Polymerase Incorporation of Modified Nucleoside Triphosphates, Electrochemical and Luminescent Properties, and Applications. <i>Chemistry - A European Journal</i> , 2009, 15, 1144-1154. | 3.3 | 96 |
| 18 | An Efficient Synthesis of 2-Substituted 6-Methylpurine Bases and Nucleosides by Fe- or Pd-Catalyzed Cross-Coupling Reactions of 2,6-Dichloropurines. <i>Journal of Organic Chemistry</i> , 2003, 68, 5773-5776. | 3.2 | 87 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 19 | Pyrrolo[2,3- <i>d</i>]pyrimidine (7-deazapurine) as a privileged scaffold in design of antitumor and antiviral nucleosides. <i>Medicinal Research Reviews</i> , 2017, 37, 1429-1460. | 10.5 | 87 |
| 20 | Vinylsulfonamide and Acrylamide Modification of DNA for Cross-linking with Proteins. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 10515-10518. | 13.8 | 83 |
| 21 | Synthesis and Photophysical Properties of Biaryl-Substituted Nucleos(t)ides. Polymerase Synthesis of DNA Probes Bearing Solvatochromic and pH-Sensitive Dual Fluorescent and 19F NMR Labels. <i>Journal of Organic Chemistry</i> , 2012, 77, 1026-1044. | 3.2 | 81 |
| 22 | GFP-like Fluorophores as DNA Labels for Studying DNA-Protein Interactions. <i>Journal of Organic Chemistry</i> , 2012, 77, 8287-8293. | 3.2 | 75 |
| 23 | Synthesis of Aldehyde-Linked Nucleotides and DNA and Their Bioconjugations with Lysine and Peptides through Reductive Amination. <i>Chemistry - A European Journal</i> , 2012, 18, 4080-4087. | 3.3 | 75 |
| 24 | 6-(Het)aryl-7-Deazapurine Ribonucleosides as Novel Potent Cytostatic Agents. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 460-470. | 6.4 | 73 |
| 25 | Systematic exploration of a class of hydrophobic unnatural base pairs yields multiple new candidates for the expansion of the genetic alphabet. <i>Nucleic Acids Research</i> , 2014, 42, 10235-10244. | 14.5 | 72 |
| 26 | The Suzuki-Miyaura Cross-Coupling Reactions of 2-, 6- or 8-Halopurines with Boronic Acids Leading to 2-, 6- or 8-Aryl- and -Alkenylpurine Derivatives. <i>Synthesis</i> , 2001, 2001, 1704-1710. | 2.3 | 71 |
| 27 | Labelling of nucleosides and oligonucleotides by solvatochromic 4-aminophthalimide fluorophore for studying DNA-protein interactions. <i>Chemical Science</i> , 2012, 3, 2797. | 7.4 | 70 |
| 28 | Synthesis of 6,8,9-Tri- and 2,6,8,9-Tetrasubstituted Purines by a Combination of the Suzuki Cross-coupling, N-Arylation, and Direct C-H Arylation Reactions. <i>Journal of Organic Chemistry</i> , 2008, 73, 9048-9054. | 3.2 | 69 |
| 29 | Enzymatic Synthesis of Base-Functionalized Nucleic Acids for Sensing, Cross-linking, and Modulation of Protein-DNA Binding and Transcription. <i>Accounts of Chemical Research</i> , 2019, 52, 1730-1737. | 15.6 | 69 |
| 30 | Modular and Practical Synthesis of 6-Substituted Pyridin-3-yl C-Nucleosides. <i>Journal of Organic Chemistry</i> , 2007, 72, 6797-6805. | 3.2 | 68 |
| 31 | The Suzuki-Miyaura Cross-Coupling Reactions of 6-Halopurines with Boronic Acids Leading to 6-Aryl- and 6-Alkenylpurines. <i>Synlett</i> , 1999, 1999, 1145-1147. | 1.8 | 64 |
| 32 | Intramolecular Direct C-H Arylation Approach to Fused Purines. Synthesis of Purino[8,9- <i>f</i>]phenanthridines and 5,6-Dihydropurino[8,9- <i>a</i>]isoquinolines. Dedicated to the memory of Keith Fagnou. <i>Journal of Organic Chemistry</i> , 2010, 75, 2302-2308. | 3.2 | 63 |
| 33 | Synthesis, Cytostatic, Antimicrobial, and Anti-HCV Activity of 6-Substituted 7-(Het)aryl-7-deazapurine Ribonucleosides. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 1097-1110. | 6.4 | 63 |
| 34 | 5-Substituted Pyrimidine and 7-Substituted 7-Deazapurine dNTPs as Substrates for DNA Polymerases in Competitive Primer Extension in the Presence of Natural dNTPs. <i>ACS Chemical Biology</i> , 2016, 11, 3165-3171. | 3.4 | 63 |
| 35 | 7-Aryl-7-deazaadenine 2'-deoxyribonucleoside Triphosphates (dNTPs): Better Substrates for DNA Polymerases than dATP in Competitive Incorporations. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 7552-7555. | 13.8 | 61 |
| 36 | The first direct C-H arylation of purine nucleosides. <i>Chemical Communications</i> , 2007, , 4729. | 4.1 | 59 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 37 | Cleavage of adenine-modified functionalized DNA by type II restriction endonucleases. <i>Nucleic Acids Research</i> , 2009, 37, 7612-7622. | 14.5 | 59 |
| 38 | Tail-labelling of DNA probes using modified deoxynucleotide triphosphates and terminal deoxynucleotidyl transferase. Application in electrochemical DNA hybridization and protein-DNA binding assays. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 1366. | 2.8 | 59 |
| 39 | Anthraquinone as a Redox Label for DNA: Synthesis, Enzymatic Incorporation, and Electrochemistry of Anthraquinone-Modified Nucleosides, Nucleotides, and DNA. <i>Chemistry - A European Journal</i> , 2011, 17, 14063-14073. | 3.3 | 59 |
| 40 | Ferrocene-Modified Purines as Potential Electrochemical Markers: Synthesis, Crystal Structures, Electrochemistry and Cytostatic Activity of (Ferrocenylethynyl)- and (Ferrocenylethyl)purines. <i>Chemistry - A European Journal</i> , 2004, 10, 2058-2066. | 3.3 | 58 |
| 41 | Regioselective Direct C-H Arylations of Protected Uracils. Synthesis of 5- and 6-Aryluracil Bases. <i>Journal of Organic Chemistry</i> , 2011, 76, 5309-5319. | 3.2 | 58 |
| 42 | Direct C-H sulfenylation of purines and deazapurines. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 5189. | 2.8 | 57 |
| 43 | Azidophenyl as a click-transformable redox label of DNA suitable for electrochemical detection of DNA-protein interactions. <i>Chemical Science</i> , 2015, 6, 575-587. | 7.4 | 57 |
| 44 | 2-Substituted dATP Derivatives as Building Blocks for Polymerase-Catalyzed Synthesis of DNA Modified in the Minor Groove. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 15856-15859. | 13.8 | 56 |
| 45 | Solvatochromic fluorene-linked nucleoside and DNA as color-changing fluorescent probes for sensing interactions. <i>Chemical Science</i> , 2016, 7, 5775-5785. | 7.4 | 55 |
| 46 | Synthesis of C-Aryldeoxyribosides by [2 + 2 + 2]-Cyclootrimerization Catalyzed by Rh, Ni, Co, and Ru Complexes. <i>Organic Letters</i> , 2006, 8, 2051-2054. | 4.6 | 54 |
| 47 | Benzofurazane as a New Redox Label for Electrochemical Detection of DNA: Towards Multipotential Redox Coding of DNA Bases. <i>Chemistry - A European Journal</i> , 2013, 19, 12720-12731. | 3.3 | 54 |
| 48 | Transient and Switchable (Triethylsilyl)ethynyl Protection of DNA against Cleavage by Restriction Endonucleases. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 8727-8730. | 13.8 | 53 |
| 49 | Polymerase synthesis of DNA labelled with benzylidene cyanoacetamide-based fluorescent molecular rotors: fluorescent light-up probes for DNA-binding proteins. <i>Chemical Communications</i> , 2015, 51, 4880-4882. | 4.1 | 53 |
| 50 | Cleavage of Functionalized DNA Containing 5-Modified Pyrimidines by Type II Restriction Endonucleases. <i>ChemBioChem</i> , 2011, 12, 431-438. | 2.6 | 52 |
| 51 | Effect of Spin-Orbit Coupling on Reduction Potentials of Octahedral Ruthenium(II/III) and Osmium(II/III) Complexes. <i>Journal of the American Chemical Society</i> , 2008, 130, 10947-10954. | 13.7 | 50 |
| 52 | Synthesis of 2-deoxyadenosine nucleosides bearing bipyridine-type ligands and their Ru-complexes in position 8 through cross-coupling reactions. <i>Organic and Biomolecular Chemistry</i> , 2007, 5, 2849. | 2.8 | 48 |
| 53 | Synthesis of carba-analogues of myoseverin by regioselective cross-coupling reactions of 2,6-dichloro-9-isopropylpurine. <i>Tetrahedron</i> , 2003, 59, 607-611. | 1.9 | 47 |
| 54 | Direct determination of tautomerism in purine derivatives by low-temperature NMR spectroscopy. <i>Tetrahedron Letters</i> , 2004, 45, 6259-6263. | 1.4 | 47 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 55 | Synthesis of Enantiomerically Pure (Purin-6-yl)phenylalanines and Their Nucleosides, a Novel Type of Purine-Amino Acid Conjugates. <i>Journal of Organic Chemistry</i> , 2005, 70, 8001-8008. | 3.2 | 47 |
| 56 | Direct C ⁴ -H borylation and C ⁴ -H arylation of pyrrolo[2,3-d]pyrimidines: synthesis of 6,8-disubstituted 7-deazapurines. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 866. | 2.8 | 47 |
| 57 | Synthesis and antiviral activity of 4,6-disubstituted pyrimido[4,5-b]indole ribonucleosides. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 6123-6133. | 3.0 | 47 |
| 58 | Switching the Regioselectivity of Direct C ⁴ -H Arylation of 1,3 ^β -Dimethyluracil. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 3698-3701. | 2.4 | 46 |
| 59 | Purines Bearing Phenanthroline or Bipyridine Ligands and Their RuII Complexes in Position 8 as Model Compounds for Electrochemical DNA Labeling – Synthesis, Crystal Structure, Electrochemistry, Quantum Chemical Calculations, Cytostatic and Antiviral Activity. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 1752-1769. | 2.0 | 45 |
| 60 | Understanding the NMR chemical shifts for 6-halopurines: role of structure, solvent and relativistic effects. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 5126. | 2.8 | 44 |
| 61 | Scope and Limitations of the Nicking Enzyme Amplification Reaction for the Synthesis of Base-Modified Oligonucleotides and Primers for PCR. <i>Bioconjugate Chemistry</i> , 2013, 24, 1081-1093. | 3.6 | 44 |
| 62 | Synthesis of 8-bromo-, 8-methyl- and 8-phenyl-dATP and their polymerase incorporation into DNA. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 3657. | 2.8 | 43 |
| 63 | Polymerase Synthesis of Photocaged DNA Resistant against Cleavage by Restriction Endonucleases. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 6734-6737. | 13.8 | 43 |
| 64 | Facile and Efficient Synthesis of 6-(Hydroxymethyl)purines. <i>Organic Letters</i> , 2004, 6, 3225-3228. | 4.6 | 42 |
| 65 | Cytostatic and antiviral 6-arylpurine ribonucleosides. Part 7: Synthesis and evaluation of 6-substituted purine l-ribonucleosides. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006, 16, 5290-5293. | 2.2 | 42 |
| 66 | Synthesis of nucleoside and nucleotide conjugates of bile acids, and polymerase construction of bile acid-functionalized DNA. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 1194. | 2.8 | 42 |
| 67 | Reactive modifications of DNA nucleobases for labelling, bioconjugations, and cross-linking. <i>Current Opinion in Chemical Biology</i> , 2019, 52, 136-144. | 6.1 | 42 |
| 68 | New Modular and Efficient Approach to 6-Substituted Pyridin-2-yl C-Nucleosides. <i>Journal of Organic Chemistry</i> , 2006, 71, 7322-7328. | 3.2 | 40 |
| 69 | Synthesis and photophysical properties of 7-deaza-2 ^β -deoxyadenosines bearing bipyridine ligands and their Ru(II)-complexes in position 7. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 2852. | 2.8 | 40 |
| 70 | Alkylsulfanylphenyl Derivatives of Cytosine and 7 ^β -Deazaadenine Nucleosides, Nucleotides and Nucleoside Triphosphates: Synthesis, Polymerase Incorporation to DNA and Electrochemical Study. <i>Chemistry - A European Journal</i> , 2011, 17, 5833-5841. | 3.3 | 40 |
| 71 | Switching transcription with bacterial RNA polymerase through photocaging, photorelease and phosphorylation reactions in the major groove of DNA. <i>Chemical Science</i> , 2019, 10, 3937-3942. | 7.4 | 40 |
| 72 | Cytostatic 6-Arylpurine Nucleosides II. Synthesis of Sugar-Modified Derivatives: 9-(2-Deoxy- ^β -D-erythro-pentofuranosyl)-, 9-(5-Deoxy- ^β -D-ribofuranosyl)- and 9-(2,3-Dihydroxypropyl)-6-phenylpurines. <i>Collection of Czechoslovak Chemical Communications</i> , 2000, 65, 1683-1697. | 1.0 | 40 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 73 | Synthesis of Acyclic Nucleotide Analogues Derived from 2-Amino-6-C-substituted Purines via Cross-Coupling Reactions of 2-Amino-9-{2-[(diisopropoxyphosphoryl)methoxy]ethyl}-6-halopurines with Diverse Organometallic Reagents. <i>Collection of Czechoslovak Chemical Communications</i> , 2000, 65, 1357-1373. | 1.0 | 39 |
| 74 | Dichotomy in Regioselective Cross-Coupling Reactions of 6,8-Dichloropurines with Phenylboronic Acid and Methylmagnesium Chloride: Synthesis of 6,8-Disubstituted Purines. <i>Synthesis</i> , 2004, 2004, 889-894. | 2.3 | 38 |
| 75 | Human DNA Polymerase β Uses a Combination of Positive and Negative Selectivity To Polymerize Purine dNTPs with High Fidelity. <i>Biochemistry</i> , 2007, 46, 448-460. | 2.5 | 37 |
| 76 | Bodipy-Labeled Nucleoside Triphosphates for Polymerase Synthesis of Fluorescent DNA. <i>Bioconjugate Chemistry</i> , 2014, 25, 1984-1995. | 3.6 | 37 |
| 77 | Carborane- or Metallacarborane-Linked Nucleotides for Redox Labeling. Orthogonal Multipotential Coding of all Four DNA Bases for Electrochemical Analysis and Sequencing. <i>Journal of the American Chemical Society</i> , 2021, 143, 7124-7134. | 13.7 | 37 |
| 78 | Covalent analogues of DNA base-Pairs and triplets. Part 2: For Part I, see ref 1. Synthesis and cytostatic activity of bis(purin-6-yl)acetylenes, diacetylenes and related compounds. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2002, 12, 1055-1058. | 2.2 | 36 |
| 79 | Regioselectivity in Cross-Coupling Reactions of 2,6,8-Trichloro-9-(tetrahydropyran-2-yl)purine: Synthesis of 2,6,8-Trisubstituted Purine Bases. <i>Synthesis</i> , 2004, 2004, 2869-2876. | 2.3 | 36 |
| 80 | Strategies toward protecting group-free glycosylation through selective activation of the anomeric center. <i>Beilstein Journal of Organic Chemistry</i> , 2017, 13, 1239-1279. | 2.2 | 35 |
| 81 | Synthesis and cytostatic activity of nucleosides and acyclic nucleoside analogues derived from 6-(trifluoromethyl)purines. <i>Tetrahedron</i> , 1999, 55, 11109-11118. | 1.9 | 34 |
| 82 | Synthesis of Acetylene Linked Double-Nucleobase Nucleos(t)ide Building Blocks and Polymerase Construction of DNA Containing Cytosines in the Major Groove. <i>Journal of Organic Chemistry</i> , 2011, 76, 3457-3462. | 3.2 | 34 |
| 83 | Chloroacetamide-Linked Nucleotides and DNA for Cross-Linking with Peptides and Proteins. <i>Bioconjugate Chemistry</i> , 2016, 27, 2089-2094. | 3.6 | 34 |
| 84 | Enzymatic synthesis of base-modified RNA by T7 RNA polymerase. A systematic study and comparison of 5-substituted pyrimidine and 7-substituted 7-deazapurine nucleoside triphosphates as substrates. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 5800-5807. | 2.8 | 34 |
| 85 | A New Modular and Practical Methodology for the Synthesis of 4- or 3-Substituted Phenyl C-Nucleosides. <i>European Journal of Organic Chemistry</i> , 2005, 2005, 4525-4528. | 2.4 | 33 |
| 86 | Synthesis and Cytostatic and Antiviral Profiling of Thieno-Fused 7-Deazapurine Ribonucleosides. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 2411-2424. | 6.4 | 33 |
| 87 | Tuning of Oxidation Potential of Ferrocene for Ratiometric Redox Labeling and Coding of Nucleotides and DNA. <i>Chemistry - A European Journal</i> , 2020, 26, 1286-1291. | 3.3 | 33 |
| 88 | The first synthesis and cytostatic activity of novel 6-(fluoromethyl)purine bases and nucleosides. <i>Organic and Biomolecular Chemistry</i> , 2005, 3, 3001. | 2.8 | 32 |
| 89 | Co- and homocyclotrimerization reactions of protected 1-alkynyl-2-deoxyribofuranose. Synthesis of C-nucleosides, C-di- and C-trisaccharide analogues. <i>Tetrahedron</i> , 2008, 64, 5200-5207. | 1.9 | 32 |
| 90 | Aqueous Heck Cross-Coupling Preparation of Acrylate-Modified Nucleotides and Nucleoside Triphosphates for Polymerase Synthesis of Acrylate-Labeled DNA. <i>Journal of Organic Chemistry</i> , 2013, 78, 9627-9637. | 3.2 | 32 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|------|-----------|
| 91 | Direct One-Pot Synthesis of Nucleosides from Unprotected or 5- <i>O</i> -Monoprotected β -Ribose. <i>Organic Letters</i> , 2015, 17, 4604-4607. | 4.6 | 32 |
| 92 | Cocyclotrimerization of 6-Alkynylpurines with β -Diyne as a Novel Approach to Biologically Active 6-Arylpurines. <i>Journal of Organic Chemistry</i> , 2004, 69, 9224-9233. | 3.2 | 31 |
| 93 | Interpretation of substituent effects on ^{13}C and ^{15}N NMR chemical shifts in 6-substituted purines. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 15854. | 2.8 | 31 |
| 94 | Sugar-modified derivatives of cytostatic 7-(het)aryl-7-deazaadenosines: 2'-C-methylribonucleosides, 2'-deoxy-2'-fluoroarabinonucleosides, arabinonucleosides and 2'-deoxyribonucleosides. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 5202-5214. | 3.0 | 31 |
| 95 | Polymerase synthesis of oligonucleotides containing a single chemically modified nucleobase for site-specific redox labelling. <i>Chemical Communications</i> , 2013, 49, 4652. | 4.1 | 31 |
| 96 | Polymerase Synthesis and Restriction Enzyme Cleavage of DNA Containing 7-Substituted 7-Deazaguanine Nucleobases. <i>ChemBioChem</i> , 2015, 16, 2225-2236. | 2.6 | 31 |
| 97 | Cytostatic 6-Arylpurine Nucleosides IV. Synthesis of 2-Substituted 6-Phenylpurine Ribonucleosides. <i>Collection of Czechoslovak Chemical Communications</i> , 2002, 67, 325-335. | 1.0 | 30 |
| 98 | ^3H Phosphonation of Pyrrolopyrimidines: Synthesis of Substituted 7- and 9-Deazapurine-8-phosphonate Derivatives. <i>Journal of Organic Chemistry</i> , 2016, 81, 9507-9514. | 3.2 | 30 |
| 99 | Synthesis of Nucleosides through Direct Glycosylation of Nucleobases with 5- <i>O</i> -Monoprotected or 5-Modified Ribose: Improved Protocol, Scope, and Mechanism. <i>Chemistry - A European Journal</i> , 2017, 23, 3910-3917. | 3.3 | 30 |
| 100 | [2+2]-Co-cyclotrimerization 6-alkynylpurines with diynes: a method for preparation of 6-arylpurines. <i>Tetrahedron Letters</i> , 2003, 44, 785-788. | 1.4 | 29 |
| 101 | <i>Cyclo</i> phosphate Pronucleotides of Cytostatic 6-(Het)aryl-7-deazapurine Ribonucleosides: Synthesis, Cytostatic Activity, and Inhibition of Adenosine Kinases. <i>ChemMedChem</i> , 2010, 5, 1386-1396. | 3.2 | 29 |
| 102 | Interpretation of Indirect Nuclear Spin-Spin Couplings in Isomers of Adenine: Novel Approach to Analyze Coupling Electron Deformation Density Using Localized Molecular Orbitals. <i>Journal of Physical Chemistry A</i> , 2010, 114, 6689-6700. | 2.5 | 28 |
| 103 | Synthesis of 2-Substituted 6-(Hydroxymethyl)purine Bases and Nucleosides. <i>Collection of Czechoslovak Chemical Communications</i> , 2005, 70, 1669-1695. | 1.0 | 27 |
| 104 | Optimization of the Pyridyl Nucleobase Scaffold for Polymerase Recognition and Unnatural Base Pair Replication. <i>ChemBioChem</i> , 2008, 9, 2796-2799. | 2.6 | 27 |
| 105 | 7-(2-Thienyl)-7-Deazaadenosine (AB61), a New Potent Nucleoside Cytostatic with a Complex Mode of Action. <i>Molecular Cancer Therapeutics</i> , 2016, 15, 922-937. | 4.1 | 27 |
| 106 | Brightly Fluorescent 2'-Deoxyribonucleoside Triphosphates Bearing Methylated Bodipy Fluorophore for <i>In Cellulo</i> Incorporation to DNA, Imaging, and Flow Cytometry. <i>Bioconjugate Chemistry</i> , 2018, 29, 3906-3912. | 3.6 | 27 |
| 107 | Squaramate-Modified Nucleotides and DNA for Specific Cross-Linking with Lysine-Containing Peptides and Proteins. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 13345-13348. | 13.8 | 27 |
| 108 | Synthesis of Acyclic Nucleotide Analogues Derived from 6-Hetarylpurines via Cross-Coupling Reactions of 9-[2-(Diethoxyphosphonylmethoxy)ethyl]-6-iodopurine with Hetaryl Organometallic Reagents. <i>Collection of Czechoslovak Chemical Communications</i> , 1997, 62, 136-146. | 1.0 | 27 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 109 | Perfluoroalkylation of 6-Iodopurines by Trimethyl(perfluoroalkyl)silanes. Synthesis of 6-(Perfluoroalkyl)purine Bases, Nucleosides and Acyclic Nucleotide Analogues. Collection of Czechoslovak Chemical Communications, 1999, 64, 229-241. | 1.0 | 26 |
| 110 | Synthesis and biological activity of benzo-fused 7-deazaadenosine analogues. 5- and 6-substituted 4-amino- or 4-alkylpyrimido[4,5-b]indole ribonucleosides. Bioorganic and Medicinal Chemistry, 2013, 21, 5362-5372. | 3.0 | 26 |
| 111 | Structural Basis for Inhibition of Mycobacterial and Human Adenosine Kinase by 7-Substituted 7-(Het)aryl-7-deazaadenine Ribonucleosides. Journal of Medicinal Chemistry, 2014, 57, 8268-8279. | 6.4 | 26 |
| 112 | Inhibition of non-templated nucleotide addition by DNA polymerases in primer extension using twisted intercalating nucleic acid modified templates. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 288-291. | 2.2 | 26 |
| 113 | Flexible Alkyne-Linked Thymidine Phosphoramidites and Triphosphates for Chemical or Polymerase Synthesis and Fast Postsynthetic DNA Functionalization through Copper-Catalyzed Alkyne-Azide 1,3-Dipolar Cycloaddition. Organic Letters, 2018, 20, 3962-3965. | 4.6 | 26 |
| 114 | A Facile Synthesis of 6-Cyanopurine Bases. Collection of Czechoslovak Chemical Communications, 1995, 60, 1386-1389. | 1.0 | 25 |
| 115 | Synthesis of acyclic nucleotide analogues derived from N-substituted 6-(1-aminoethyl)purines via 6-acetylurine derivatives. Tetrahedron, 1997, 53, 2291-2302. | 1.9 | 25 |
| 116 | A Facile and Efficient Synthesis of (Purin-6-yl)alanines. Journal of Organic Chemistry, 2004, 69, 7985-7988. | 3.2 | 25 |
| 117 | Tetrathiafulvalene-Labelled Nucleosides and Nucleoside Triphosphates: Synthesis, Electrochemistry and the Scope of Their Polymerase Incorporation into DNA. European Journal of Organic Chemistry, 2009, 2009, 3519-3525. | 2.4 | 25 |
| 118 | Phosphoramidate pronucleotides of cytostatic 6-aryl-7-deazapurine ribonucleosides. Bioorganic and Medicinal Chemistry, 2011, 19, 229-242. | 3.0 | 25 |
| 119 | Furan-Oxidation-Triggered Inducible DNA Cross-Linking: Acyclic Versus Cyclic Furan-Containing Building Blocks-On the Benefit of Restoring the Cyclic Sugar Backbone. Chemistry - A European Journal, 2011, 17, 6940-6953. | 3.3 | 25 |
| 120 | Synthesis and Antiviral Activity of Acyclic Nucleotide Analogues Derived from 6-(Aminomethyl)purines and Purine-6-carboxamidines. Collection of Czechoslovak Chemical Communications, 1996, 61, 1525-1537. | 1.0 | 24 |
| 121 | Highly Methylated Purines and Purinium Salts as Analogues of Heteromines. European Journal of Organic Chemistry, 2005, 2005, 3026-3030. | 2.4 | 24 |
| 122 | Preparation of Highly Substituted 6-Arylpurine Ribonucleosides by Ni-Catalyzed Cyclotrimerization. Scope of the Reaction. Journal of Organic Chemistry, 2006, 71, 8978-8981. | 3.2 | 24 |
| 123 | Exceptional Thermodynamic Stability of DNA Duplexes Modified by Nonpolar Base Analogues Is due to Increased Stacking Interactions and Favorable Solvation: Correlated Ab Initio Calculations and Molecular Dynamics Simulations. Chemistry - A European Journal, 2006, 12, 3587-3595. | 3.3 | 24 |
| 124 | Preparation of short cytosine-modified oligonucleotides by nicking enzyme amplification reaction. Chemical Communications, 2012, 48, 6921. | 4.1 | 24 |
| 125 | Synthesis of Hydrazone-Modified Nucleotides and Their Polymerase Incorporation onto DNA for Redox Labeling. ChemPlusChem, 2012, 77, 652-662. | 2.8 | 24 |
| 126 | Synthesis and Cytotoxic and Antiviral Profiling of Pyrrolo- and Furo-Fused 7-Deazapurine Ribonucleosides. Journal of Medicinal Chemistry, 2018, 61, 9347-9359. | 6.4 | 24 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|------|-----------|
| 127 | Electrochemical genosensor for the direct detection of tailed PCR amplicons incorporating ferrocene labelled dATP. <i>Biosensors and Bioelectronics</i> , 2019, 134, 76-82. | 10.1 | 24 |
| 128 | Thiophene-linked tetramethylbodipy-labeled nucleotide for viscosity-sensitive oligonucleotide probes of hybridization and protein-DNA interactions. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 912-919. | 2.8 | 24 |
| 129 | Synthesis of Protected (Purin-6-yl)glycines via Pd-Catalyzed α -Arylation of Ethyl N-(Diphenylmethylidene)glycinate with 6-Iodopurines. <i>Heterocycles</i> , 2004, 63, 1673. | 0.7 | 23 |
| 130 | Synthesis of 2,4-Disubstituted Pyrimidin-5-yl α -Deoxyribonucleosides by Sequential Regioselective Reactions of 2,4-Dichloropyrimidine Nucleosides. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 2666-2669. | 2.4 | 23 |
| 131 | A Modular Approach to Aryl-C-ribonucleosides via the Allylic Substitution and Ring-Closing Metathesis Sequence. A Stereocontrolled Synthesis of All Four $1\pm/2\pm$ - and β -C-Nucleoside Stereoisomers. <i>Journal of Organic Chemistry</i> , 2011, 76, 7781-7803. | 3.2 | 23 |
| 132 | Protected 5-(hydroxymethyl)uracil nucleotides bearing visible-light photocleavable groups as building blocks for polymerase synthesis of photocaged DNA. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 1527-1535. | 2.8 | 23 |
| 133 | Cyclotrimerization of 6-ethynylpurines. Synthesis of 1,2,4- and 1,3,5-tris(purin-6-yl)benzenes as novel Hoogsteen-triplet analogues. <i>Tetrahedron Letters</i> , 2001, 42, 519-521. | 1.4 | 22 |
| 134 | Covalent analogues of DNA base-pairs and triplets. Part 3: Synthesis of 1,4- and 1,3-bis(purin-6-yl)benzenes and 1-(1,3-dimethyluracil-5-yl)-3 or 4-(purin-9-yl)benzenes. <i>Tetrahedron</i> , 2002, 58, 7431-7435. | 1.9 | 22 |
| 135 | Synthesis and antiproliferative properties of new hydrophilic esters of triterpenic acids. <i>European Journal of Medicinal Chemistry</i> , 2017, 140, 403-420. | 5.5 | 22 |
| 136 | Synthesis of Dihydroxyalkynyl and Dihydroxyalkyl Nucleotides as Building Blocks or Precursors for Introduction of Diol or Aldehyde Groups to DNA for Bioconjugations. <i>Chemistry - A European Journal</i> , 2018, 24, 11890-11894. | 3.3 | 22 |
| 137 | Antiviral Activity of 7-Substituted 7-Deazapurine Ribonucleosides, Monophosphate Prodrugs, and Triphosphates against Emerging RNA Viruses. <i>ACS Infectious Diseases</i> , 2021, 7, 471-478. | 3.8 | 22 |
| 138 | Cobalt-Induced Synthesis of 6-(Pyridin-2-yl)purines by Microwave-Enhanced [2+2+2] Cyclotrimerization. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 3335-3343. | 2.4 | 21 |
| 139 | Synthesis, cytostatic and anti-HCV activity of 6-(N-substituted aminomethyl)-, 6-(O-substituted) Tj ETQq1 1 0.784314 rgBT /Overlock 10 <i>Chemistry</i> , 2008, 16, 2329-2366. | 3.0 | 21 |
| 140 | Modular Synthesis of 5-Substituted Thiophen-2-yl α -Deoxyribonucleosides. <i>Journal of Organic Chemistry</i> , 2008, 73, 3798-3806. | 3.2 | 21 |
| 141 | Synthesis of benzamide-C-ribonucleosides by Pd-catalyzed aminocarbonylations. <i>Tetrahedron</i> , 2009, 65, 4471-4483. | 1.9 | 21 |
| 142 | A General and Efficient Synthesis of Pyridin-2-yl C-Ribonucleosides Bearing Diverse Alkyl, Aryl, Amino, and Carbamoyl Groups in Position 6. <i>Journal of Organic Chemistry</i> , 2010, 75, 442-449. | 3.2 | 21 |
| 143 | Covalent Analogues of DNA Base-Pairs and Triplets V. Synthesis of Purine-Purine and Purine-Pyrimidine Conjugates Connected by Diverse Types of Acyclic Carbon Linkages. <i>Collection of Czechoslovak Chemical Communications</i> , 2002, 67, 1560-1578. | 1.0 | 21 |
| 144 | Cytostatic 6-Arylpurine Nucleosides V. Synthesis of 8-Substituted 6-Phenylpurine Ribonucleosides. <i>Collection of Czechoslovak Chemical Communications</i> , 2003, 68, 837-848. | 1.0 | 20 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|------|-----------|
| 145 | A Modular Methodology for the Synthesis of 4- and 3-Substituted Benzene and Aniline C-Ribonucleosides. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 1689-1704. | 2.4 | 20 |
| 146 | Mechanisms by Which Human DNA Primase Chooses To Polymerize a Nucleoside Triphosphate. <i>Biochemistry</i> , 2010, 49, 727-735. | 2.5 | 20 |
| 147 | Nucleobase Protection Strategy for Gene Cloning and Expression. <i>ChemBioChem</i> , 2013, 14, 801-804. | 2.6 | 20 |
| 148 | Azidopropylvinylsulfonamide as a New Bifunctional Click Reagent for Bioorthogonal Conjugations: Application for DNA-Protein Cross-Linking. <i>Chemistry - A European Journal</i> , 2015, 21, 16091-16102. | 3.3 | 20 |
| 149 | Turning Off Transcription with Bacterial RNA Polymerase through CuAAC Click Reactions of DNA Containing 5-Ethynyluracil. <i>Chemistry - A European Journal</i> , 2018, 24, 8311-8314. | 3.3 | 20 |
| 150 | Synthesis of (purin-6-yl)acetates and 6-(2-hydroxyethyl)purines via cross-couplings of 6-chloropurines with the Reformatsky reagent. <i>Tetrahedron Letters</i> , 2007, 48, 5589-5592. | 1.4 | 19 |
| 151 | General and Modular Synthesis of Isomeric 5-Substituted Pyridin-2-yl and 6-Substituted Pyridin-3-yl-C-Ribonucleosides Bearing Diverse Alkyl, Aryl, Hetaryl, Amino, Carbamoyl, and Hydroxy Groups. <i>Journal of Organic Chemistry</i> , 2011, 76, 6619-6635. | 3.2 | 19 |
| 152 | Redox Labels and Indicators Based on Transition Metals and Organic Electroactive Moieties for Electrochemical Nucleic Acids Sensing. <i>Current Organic Chemistry</i> , 2011, 15, 2936-2949. | 1.6 | 19 |
| 153 | Chemoselective Synthesis of 4,5-Diarylpyrrolo[2,3-d<i>h</i>]pyrimidines (6,7-Diaryl-7-deazapurines) by Consecutive Suzuki and Liebeskind-Srogl Cross-Couplings. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 7203-7210. | 2.4 | 19 |
| 154 | 2-Substituted dATP Derivatives as Building Blocks for Polymerase-Catalyzed Synthesis of DNA Modified in the Minor Groove. <i>Angewandte Chemie</i> , 2016, 128, 16088-16091. | 2.0 | 19 |
| 155 | Influence of major-groove chemical modifications of DNA on transcription by bacterial RNA polymerases. <i>Nucleic Acids Research</i> , 2016, 44, 3000-3012. | 14.5 | 19 |
| 156 | 2-Allyl- and Propargylamino-dATPs for Site-Specific Enzymatic Introduction of a Single Modification in the Minor Groove of DNA. <i>Chemistry - A European Journal</i> , 2018, 24, 14938-14941. | 3.3 | 19 |
| 157 | Enzymatic synthesis of hypermodified DNA polymers for sequence-specific display of four different hydrophobic groups. <i>Nucleic Acids Research</i> , 2020, 48, 11982-11993. | 14.5 | 19 |
| 158 | 1,3-Diketone-Modified Nucleotides and DNA for Cross-Linking with Arginine-Containing Peptides and Proteins. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 17383-17387. | 13.8 | 19 |
| 159 | Synthesis of Purines Bearing Functionalized C-Substituents by the Conjugate Addition of Nucleophiles to 6-Vinylpurines and 6-Ethynylpurines. <i>European Journal of Organic Chemistry</i> , 2006, 2006, 5083-5098. | 2.4 | 18 |
| 160 | Herpes Simplex Virus-1 DNA Primase: A Remarkably Inaccurate yet Selective Polymerase. <i>Biochemistry</i> , 2009, 48, 10866-10881. | 2.5 | 18 |
| 161 | 5-(Hydroxymethyl)uracil and -cytosine as potential epigenetic marks enhancing or inhibiting transcription with bacterial RNA polymerase. <i>Chemical Communications</i> , 2017, 53, 13253-13255. | 4.1 | 18 |
| 162 | Protected 2-deoxyribonucleoside triphosphate building blocks for the photocaging of epigenetic 5-(hydroxymethyl)cytosine in DNA. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 5427-5432. | 2.8 | 18 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 163 | Nucleotide-Bearing Benzylidene-Tetrahydroxanthylum Near-IR Fluorophore for Sensing DNA Replication, Secondary Structures and Interactions. <i>Chemistry - A European Journal</i> , 2020, 26, 11950-11954. | 3.3 | 18 |
| 164 | Solid-phase recombinase polymerase amplification using ferrocene-labelled dNTPs for electrochemical detection of single nucleotide polymorphisms. <i>Biosensors and Bioelectronics</i> , 2022, 198, 113825. | 10.1 | 18 |
| 165 | Cytostatic and Antiviral 6-Arylpurine Ribonucleosides IX. Synthesis and Evaluation of 6-Substituted 3-Deazapurine Ribonucleosides. <i>Collection of Czechoslovak Chemical Communications</i> , 2008, 73, 665-678. | 1.0 | 17 |
| 166 | 6-Alkyl-, 6-aryl- or 6-hetaryl-7-deazapurine ribonucleosides as inhibitors of human or MTB adenosine kinase and potential antimycobacterial agents. <i>MedChemComm</i> , 2013, 4, 1497. | 3.4 | 17 |
| 167 | Synthesis of 2,6-disubstituted pyridin-3-yl C-2'-deoxyribonucleosides through chemoselective transformations of bromo-chloropyridine C-nucleosides. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 4702. | 2.8 | 17 |
| 168 | Direct C-H amination and C-H chloroamination of 7-deazapurines. <i>RSC Advances</i> , 2014, 4, 62140-62143. | 3.6 | 17 |
| 169 | Modification of Pyrrolo[2,3-d]pyrimidines by C-H Borylation Followed by Cross-Coupling or Other Transformations: Synthesis of 6,8-Disubstituted 7-Deazapurine Bases. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 7943-7961. | 2.4 | 17 |
| 170 | Acetophenyl-Chienyl-Aniline-Linked Nucleotide for Construction of Solvatochromic Fluorescence Light-Up DNA Probes Sensing Protein-DNA Interactions. <i>Chemistry - A European Journal</i> , 2021, 27, 7090-7093. | 3.3 | 17 |
| 171 | Covalent Analogues of DNA Base-Pairs and Triplets IV. Synthesis of Trisubstituted Benzenes Bearing Purine and/or Pyrimidine Rings by Cyclotrimerization of 6-Ethynylpurines and/or 5-Ethynyl-1,3-dimethyluracil. <i>Collection of Czechoslovak Chemical Communications</i> , 2002, 67, 1223-1235. | 1.0 | 16 |
| 172 | Synthesis, cytostatic, and antiviral activity of novel 6-[2-(dialkylamino)ethyl]-, 6-(2-alkoxyethyl)-, 6-[2-(alkylsulfanyl)ethyl]-, and 6-[2-(dialkylamino)vinyl]purine nucleosides. <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 1400-1424. | 3.0 | 16 |
| 173 | Synthesis of nucleoside mono- and triphosphates bearing oligopyridine ligands, their incorporation into DNA and complexation with transition metals. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 49-55. | 2.8 | 16 |
| 174 | Voltammetric Study of dsDNA Modified by Multi-redox Label Based on N-methyl-4-hydrazino-7-nitrobenzofurazan. <i>Electrochimica Acta</i> , 2014, 129, 348-357. | 5.2 | 16 |
| 175 | Electrochemical behaviour of 2,4-dinitrophenylhydraz(o)ne as multi-redox centre DNA label at mercury meniscus modified silver solid amalgam electrode. <i>Electrochimica Acta</i> , 2014, 126, 122-131. | 5.2 | 16 |
| 176 | Additions of Thiols to 7-Vinyl-7-deazaadenine Nucleosides and Nucleotides. Synthesis of Hydrophobic Derivatives of 2'-Deoxyadenosine, dATP and DNA. <i>Journal of Organic Chemistry</i> , 2016, 81, 11115-11125. | 3.2 | 16 |
| 177 | Synthesis and biological profiling of 6- or 7-(het)aryl-7-deazapurine 4'-C-methylribonucleosides. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 7422-7438. | 3.0 | 15 |
| 178 | Covalent Analogues of DNA Base-Pairs and Triplets VII. Synthesis and Cytostatic Activity of Bis(purin-6-yl)acetylene and -diacetylene Nucleosides. <i>Collection of Czechoslovak Chemical Communications</i> , 2004, 69, 1955-1970. | 1.0 | 14 |
| 179 | Synthesis of substituted 6-cyclopropylpurine bases and nucleosides by cross-coupling reactions or cyclopropanations. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 2377. | 2.8 | 14 |
| 180 | Modular Synthesis of 5-Substituted Furan-2-yl C-2'-Deoxyribonucleosides and Biaryl Covalent Base-Pair Analogues. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 5432-5443. | 2.4 | 14 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 181 | Synthesis of (purin-6-yl)methylphosphonate bases and nucleosides. <i>Tetrahedron Letters</i> , 2010, 51, 2464-2466. | 1.4 | 14 |
| 182 | Sugar-modified derivatives of cytostatic 6-(het)aryl-7-deazapurine nucleosides: 2'-C-methylribonucleosides, arabinonucleosides and 2'-deoxy-2'-fluoroarabinonucleosides. <i>Collection of Czechoslovak Chemical Communications</i> , 2011, 76, 957-988. | 1.0 | 14 |
| 183 | Modular synthesis of 1- β - and 1- β -(indol-2-yl)-2'-deoxyribose C-nucleosides. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 5934. | 2.8 | 14 |
| 184 | Synthesis and Cytostatic and Antiviral Activities of 2'-Deoxy-2',2'-difluororibo- and 2'-Deoxy-2'-fluororibonucleosides Derived from 7-(Het)aryl-7-deazaadenines. <i>ChemMedChem</i> , 2013, 8, 832-846. | 3.2 | 14 |
| 185 | Polymerase Synthesis of DNAs Bearing Vinyl Groups in the Major Groove and their Cleavage by Restriction Endonucleases. <i>ChemBioChem</i> , 2014, 15, 2306-2312. | 2.6 | 14 |
| 186 | Synthesis and cytostatic activity of 7-arylsulfanyl-7-deazapurine bases and ribonucleosides. <i>MedChemComm</i> , 2015, 6, 576-580. | 3.4 | 14 |
| 187 | Trifluoroacetophenone-Linked Nucleotides and DNA for Studying of DNA-Protein Interactions by ¹⁹ F NMR Spectroscopy. <i>Journal of Organic Chemistry</i> , 2017, 82, 11431-11439. | 3.2 | 14 |
| 188 | Sonogashira reactions of β - and β -1-ethynyl-2-deoxyribosides: synthesis of acetylene-extended C-nucleosides. <i>Tetrahedron</i> , 2010, 66, 530-536. | 1.9 | 13 |
| 189 | B Family DNA Polymerases Asymmetrically Recognize Pyrimidines and Purines. <i>Biochemistry</i> , 2011, 50, 7243-7250. | 2.5 | 13 |
| 190 | Synthesis of 2'-deoxy-2'-fluororibo- and 2'-deoxy-2',2'-difluororibonucleosides derived from 6-(het)aryl-7-deazapurines. <i>Tetrahedron</i> , 2012, 68, 8300-8310. | 1.9 | 13 |
| 191 | Fluorescence Quenching in Oligonucleotides Containing 7-Substituted 7-Deazaguanine Bases Prepared by the Nicking Enzyme Amplification Reaction. <i>Bioconjugate Chemistry</i> , 2015, 26, 361-366. | 3.6 | 13 |
| 192 | 2'-Substituted 6-(Het)aryl-7-deazapurine Ribonucleosides: Synthesis, Inhibition of Adenosine Kinases, and Antimycobacterial Activity. <i>ChemMedChem</i> , 2015, 10, 1079-1093. | 3.2 | 13 |
| 193 | Copper-mediated arylsulfanylations and arylselanylations of pyrimidine or 7-deazapurine nucleosides and nucleotides. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 10018-10022. | 2.8 | 13 |
| 194 | Flexible double-headed cytosine-linked 2'-deoxycytidine nucleotides. Synthesis, polymerase incorporation to DNA and interaction with DNA methyltransferases. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 1268-1276. | 3.0 | 13 |
| 195 | Carborane-linked 2'-deoxyuridine 5'-O-triphosphate as building block for polymerase synthesis of carborane-modified DNA. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 4786-4788. | 2.2 | 13 |
| 196 | Sugar modified pyrimido[4,5- <i>b</i>]indole nucleosides: synthesis and antiviral activity. <i>MedChemComm</i> , 2017, 8, 1856-1862. | 3.4 | 13 |
| 197 | Phenothiazine-linked nucleosides and nucleotides for redox labelling of DNA. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 6984-6996. | 2.8 | 13 |
| 198 | Squaramate-Modified Nucleotides and DNA for Specific Cross-Linking with Lysine-Containing Peptides and Proteins. <i>Angewandte Chemie</i> , 2019, 131, 13479-13482. | 2.0 | 13 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 199 | Synthesis of 6-Amino-, 6-Methyl- and 6-Aryl-2-(hydroxymethyl)purine Bases and Nucleosides. Collection of Czechoslovak Chemical Communications, 2006, 71, 788-803. | 1.0 | 12 |
| 200 | Cytostatic and Antiviral 6-Arylpurine Ribonucleosides VIII. Synthesis and Evaluation of 6-Substituted Purine 3'-Deoxyribonucleosides. Collection of Czechoslovak Chemical Communications, 2006, 71, 1484-1496. | 1.0 | 12 |
| 201 | Ir-catalyzed C-H silylations of phenyldeazapurines. Tetrahedron Letters, 2015, 56, 6860-6862. | 1.4 | 12 |
| 202 | Synthesis of Fluorescent 2-Substituted 6-(Het)aryl-7-deazapurine Bases {4-(Het)aryl-pyrrolo[2,3-d]pyrimidines} by Aqueous Suzuki-Miyaura Cross-Coupling Reactions. Synthesis, 2016, 48, 1029-1045. | 2.3 | 12 |
| 203 | Voltammetric and adsorption study of 4-nitrophenyl-triazole-labeled 2-deoxycytidine and 7-deazaadenosine nucleosides at boron-doped diamond electrode. Journal of Electroanalytical Chemistry, 2018, 821, 111-120. | 3.8 | 12 |
| 204 | 2-Formyl-ATP as Substrate for Polymerase Synthesis of Reactive DNA Bearing an Aldehyde Group in the Minor Groove. ChemPlusChem, 2020, 85, 1164-1170. | 2.8 | 12 |
| 205 | Synthesis and Cytotoxic and Antiviral Activity Profiling of All Four Isomeric Series of Pyrido-Fused 7-Deazapurine Ribonucleosides. Chemistry - A European Journal, 2020, 26, 13002-13015. | 3.3 | 12 |
| 206 | Novel Method for Preparation of Highly Substituted 6-Arylpurines by Reactions of 6-Alkynylpurines with Zirconacyclopentadienes. Collection of Czechoslovak Chemical Communications, 2005, 70, 339-349. | 1.0 | 11 |
| 207 | Synthesis of Benzene and Pyridine 2-Methyl-ribonucleosides and nucleotides. European Journal of Organic Chemistry, 2015, 2015, 7962-7983. | 2.4 | 11 |
| 208 | Isomeric Naphtho-Fused 7-Deazapurine Nucleosides and Nucleotides: Synthesis, Biological Activity, Photophysical Properties and Enzymatic Incorporation to Nucleic Acids. European Journal of Organic Chemistry, 2018, 2018, 5092-5108. | 2.4 | 11 |
| 209 | Oxidative DNA Cleavage with Clip-Phenanthroline Triplex-Forming Oligonucleotide Hybrids. ChemBioChem, 2020, 21, 991-1000. | 2.6 | 11 |
| 210 | A General Regioselective Synthesis of 2,4-Diarylpyrimidines from 2-Thiouracil through Two Orthogonal Cross-Coupling Reactions. Synlett, 2012, 23, 1305-1308. | 1.8 | 10 |
| 211 | C-H Imidation of 7-Deazapurines. ACS Omega, 2018, 3, 4674-4678. | 3.5 | 10 |
| 212 | Synthesis of 2-deoxycytidine and its triphosphate bearing tryptophan-based imidazolinone fluorophore for environment sensitive fluorescent labelling of DNA. Tetrahedron, 2018, 74, 6621-6629. | 1.9 | 10 |
| 213 | Synthesis of diverse 6-(1,2-disubstituted ethyl)purine bases and nucleosides via 6-(oxiran-2-yl)purines. Tetrahedron, 2008, 64, 10355-10364. | 1.9 | 9 |
| 214 | Synthesis of nucleosides and dNTPs bearing oligopyridine ligands linked through an octadiyne tether, their incorporation into DNA and complexation with transition metal cations. Organic and Biomolecular Chemistry, 2013, 11, 78-89. | 2.8 | 9 |
| 215 | Methoxyphenol and Dihydrobenzofuran as Oxidizable Labels for Electrochemical Detection of DNA. ChemPlusChem, 2014, 79, 1703-1712. | 2.8 | 9 |
| 216 | C-H Trifluoromethylations of 1,3-Dimethyluracil and Reactivity of the Products in C-H Arylations. Heterocycles, 2014, 89, 1159. | 0.7 | 9 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|------------------|-----------|
| 217 | Voltammetric analysis of 5-(4-Azidophenyl)-2-deoxycytidine nucleoside and azidophenyl-labelled single- and double-stranded DNAs. <i>Electrochimica Acta</i> , 2016, 215, 72-83. | 5.2 | 9 |
| 218 | Duplex Electrochemical DNA Sensor to Detect <i>Bacillus anthracis</i> CAP and PAG DNA Targets Based on the Incorporation of Tailed Primers and Ferrocene-Labeled dATP. <i>ACS Omega</i> , 2019, 4, 21900-21908. | 3.5 | 9 |
| 219 | Electrochemical Detection of Single-Nucleotide Polymorphism Associated with Rifampicin Resistance in <i>Mycobacterium tuberculosis</i> Using Solid-Phase Primer Elongation with Ferrocene-Linked Redox-Labeled Nucleotides. <i>ACS Sensors</i> , 2021, 6, 4398-4407. | 7.8 | 9 |
| 220 | Synthesis of 4,5-Dihydrofuran-2-yl- and Tetrahydrofuran-2-yl-purine Bases and Nucleosides. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 2783-2788. | 2.4 | 8 |
| 221 | Synthesis of Substituted 2(1H-pyridon-3-yl)-C-2-deoxyribonucleosides. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 1759-1767. | 2.4 | 8 |
| 222 | 2-Substituted 2-deoxyinosine 5-triphosphates as substrates for polymerase synthesis of minor-groove-modified DNA and effects on restriction endonuclease cleavage. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 255-262. | 2.8 | 8 |
| 223 | Nucleotides bearing aminophenyl- or aminonaphthyl-3-methoxychromone solvatochromic fluorophores for the enzymatic construction of DNA probes for the detection of protein-DNA binding. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 9966-9974. | 2.8 | 8 |
| 224 | Glucosylated 5-Hydroxymethylpyrimidines as Epigenetic DNA Bases Regulating Transcription and Restriction Cleavage. <i>Chemistry - A European Journal</i> , 2022, 28, . | 3.3 | 8 |
| 225 | Cross-Coupling Reactions of Halopurines with Aryl- and Alkyltrifluoroborates; The Scope and Limitations in the Synthesis of Modified Purines. <i>Synthesis</i> , 2009, 2009, 1309-1317. | 2.3 | 7 |
| 226 | Synthesis of Substituted Benzyl Homocytidine Ribonucleosides and Nucleotides as Carba Analogues of Phosphoribosylanthranilate. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 4969-4981. | 2.4 | 7 |
| 227 | 6-Aryl-4-amino-pyrimido[4,5-b]indole 2-deoxyribonucleoside triphosphates (benzo-fused 7-deaza-dATP) binding study. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 4528-4535. | 1.0784314 3.0 | 7 |
| 228 | Synthesis and Biological Profiling of Pyrazolo-Fused 7-Deazapurine Nucleosides. <i>Journal of Organic Chemistry</i> , 2020, 85, 10539-10551. | 3.2 | 7 |
| 229 | Photocaged 5-(Hydroxymethyl)pyrimidine Nucleoside Phosphoramidites for Specific Photoactivatable Epigenetic Labeling of DNA. <i>Organic Letters</i> , 2020, 22, 9081-9085. | 4.6 | 7 |
| 230 | Synthesis, Photophysical Properties, and Biological Profiling of Benzothieno-Fused 7-Deazapurine Ribonucleosides. <i>Journal of Organic Chemistry</i> , 2020, 85, 8085-8101. | 3.2 | 7 |
| 231 | Synthesis of Acyclic Nucleotide Analogues Derived from 2-(Aminomethyl)adenine and 2-(Aminomethyl)hypoxanthine. <i>Collection of Czechoslovak Chemical Communications</i> , 1995, 60, 875-882. | 1.0 | 6 |
| 232 | Aqueous-Phase Suzuki-Miyaura Cross-Coupling Reactions of Free Halopurine Bases. <i>Synthesis</i> , 2006, 2006, 3515-3526. | 2.3 | 6 |
| 233 | A General Regioselective Approach to 2,4-Disubstituted Pyrimidin-5-yl C-2-Deoxyribonucleosides. <i>Synthesis</i> , 2012, 44, 953-965. | 2.3 | 6 |
| 234 | Vicinal Diol-Tethered Nucleobases as Targets for DNA Redox Labeling with Osmate Complexes. <i>ChemBioChem</i> , 2020, 21, 171-180. | 2.6 | 6 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 235 | Synthesis and anti-trypanosomal activity of 3 ² -fluororibonucleosides derived from 7-deazapurine nucleosides. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2021, 40, 127957. | 2.2 | 6 |
| 236 | Covalent Analogues of Nucleobase-Pairs. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2003, 22, 775-777. | 1.1 | 5 |
| 237 | Modular Synthesis of 4-Aryl- and 4-Amino-Substituted Benzene C-2 ² -Deoxyribonucleosides. <i>Synthesis</i> , 2008, 2008, 1918-1932. | 2.3 | 5 |
| 238 | Synthesis of (purin-6-yl)acetates and their transformations to 6-(2-hydroxyethyl)- and 6-(carbamoylmethyl)purines. <i>Collection of Czechoslovak Chemical Communications</i> , 2009, 74, 1035-1059. | 1.0 | 5 |
| 239 | Dual redox labeling of DNA as a tool for electrochemical detection of p53 protein-DNA interactions. <i>Analytica Chimica Acta</i> , 2019, 1050, 123-131. | 5.4 | 5 |
| 240 | Cross-Coupling Modification of Nucleoside Triphosphates, PEX, and PCR Construction of Base-Modified DNA. <i>Current Protocols in Chemical Biology</i> , 2010, 2, 1-14. | 1.7 | 5 |
| 241 | Polymerase Synthesis of DNA Containing Iodinated Pyrimidine or 7-Deazapurine Nucleobases and Their Post-synthetic Modifications through the Suzuki-Miyaura Cross-Coupling Reactions. <i>ChemBioChem</i> , 2022, 23, . | 2.6 | 5 |
| 242 | Glyoxal-Linked Nucleotides and DNA for Bioconjugations and Crosslinking with Arginine-Containing Peptides and Proteins. <i>Chemistry - A European Journal</i> , 2022, 28, e202104208. | 3.3 | 5 |
| 243 | Homologues of epigenetic pyrimidines: 5-alkyl-, 5-hydroxyalkyl and 5-acyluracil and -cytosine nucleotides: synthesis, enzymatic incorporation into DNA and effect on transcription with bacterial RNA polymerase. <i>RSC Chemical Biology</i> , 2022, 3, 1069-1075. | 4.1 | 5 |
| 244 | Hydroxymethylations of Aryl Halides by Pd-Catalyzed Cross-Couplings with (Benzoyloxy)methylzinc iodide - Scope and Limitations of the Reaction. <i>Synlett</i> , 2008, 2008, 543-546. | 1.8 | 4 |
| 245 | Synthesis of 2 ² -Deoxyuridine and 2 ² -Deoxycytidine Nucleosides Bearing Bipyridine and Terpyridine Ligands at Position 5. <i>Synthesis</i> , 2009, 2009, 105-112. | 2.3 | 4 |
| 246 | Theoretical Study of the Stability of the DNA Duplexes Modified by a Series of Hydrophobic Base Analogues. <i>Chemistry - A European Journal</i> , 2009, 15, 7601-7610. | 3.3 | 4 |
| 247 | Cleavage of DNA containing 5-fluorocytosine or 5-fluorouracil by type II restriction endonucleases. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 6885-6890. | 3.0 | 4 |
| 248 | Synthesis and Antitrypanosomal Activity of 6-Substituted 7-Methyl-7-deazapurine Nucleosides. <i>ACS Infectious Diseases</i> , 2021, 7, 917-926. | 3.8 | 4 |
| 249 | Ferrocene-Containing DNA Monolayers: Influence of Electrostatics on the Electron Transfer Dynamics. <i>Langmuir</i> , 2021, 37, 3359-3369. | 3.5 | 4 |
| 250 | Photocolouration of 2,4,4,6-Tetraaryl-1,4-dihydropyridines: A Semiempirical Quantum Chemical Study. <i>Collection of Czechoslovak Chemical Communications</i> , 1994, 59, 262-272. | 1.0 | 4 |
| 251 | Epigenetic Pyrimidine Nucleotides in Competition with Natural dNTPs as Substrates for Diverse DNA Polymerases. <i>ACS Chemical Biology</i> , 2022, 17, 2781-2788. | 3.4 | 4 |
| 252 | A Facile Synthesis of 2-(Aminomethyl)purines. <i>Synthesis</i> , 1994, 1994, 1401-1402. | 2.3 | 3 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 253 | Synthesis and Cytostatic Activity of Novel 6-(Difluoromethyl)purine Bases and Nucleosides. <i>Synthesis</i> , 2006, 2006, 1848-1852. | 2.3 | 3 |
| 254 | Polymerase Synthesis of Base-Modified DNA. <i>Nucleic Acids and Molecular Biology</i> , 2016, , 123-144. | 0.2 | 3 |
| 255 | Synthesis of 2,6-Substituted 7-(Het)aryl-7-deazapurine Nucleobases (2,4-Disubstituted) <i>Tj ETQq1 1 0.784314 rgBT /Overlock_10 Tf 50</i> | 2.3 | 3 |
| 256 | Butylacrylate- ϵ -nucleobase Conjugates as Targets for Two-Step Redox Labeling of DNA with an Osmium Tetroxide Complex. <i>Electroanalysis</i> , 2018, 30, 371-377. | 2.9 | 3 |
| 257 | Electrochemical reduction of azidophenyl-deoxynucleoside conjugates at mercury surface. <i>Electrochimica Acta</i> , 2018, 259, 377-385. | 5.2 | 3 |
| 258 | Synthesis of Cyclic and Acyclic Nucleoside Phosphonates and Sulfonamides Derived from 6-(Thiophen-2-yl)-7-fluoro-7-deazapurine. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 5409-5423. | 2.4 | 3 |
| 259 | 1,3-Diketone-Modified Nucleotides and DNA for Cross-Linking with Arginine-Containing Peptides and Proteins. <i>Angewandte Chemie</i> , 2021, 133, 17523-17527. | 2.0 | 3 |
| 260 | Preparation and Spectroscopic Properties of Spirocyclic 1-Methyl-2,4,4,6-tetraaryl-1,4-dihydropyridines. <i>Collection of Czechoslovak Chemical Communications</i> , 1994, 59, 1105-1114. | 1.0 | 3 |
| 261 | Thienopyrrolo[2,3- <i>b</i>]pyrimidines, New Tricyclic Nucleobase Analogues: Synthesis and Biological Activities. <i>ChemistrySelect</i> , 2018, 3, 9144-9149. | 1.5 | 2 |
| 262 | [2+2+2]-Cocyclotrimerization of 6-Alkynyl-7-benzylpurines with β -Diyne. <i>Heterocycles</i> , 2010, 82, 895. | 0.7 | 2 |
| 263 | Efficient One-Step Synthesis of Optically Pure (Adenin-8-yl)phenylalanine Nucleosides. <i>Synlett</i> , 2005, 2005, 3005-3007. | 1.8 | 1 |
| 264 | Novel modified purine bases and nucleosides: new methodologies of synthesis and biological activity. <i>Nucleic Acids Symposium Series</i> , 2005, 49, 29-30. | 0.3 | 1 |
| 265 | Palladium-Catalyzed Cross-Coupling Reactions in C6 Modifications of Purine Nucleosides. <i>Current Protocols in Nucleic Acid Chemistry</i> , 2007, 28, Unit 1.16. | 0.5 | 1 |
| 266 | Synthesis of Phenol and Pyridone C-Ribo- and 2-Deoxyribonucleosides by Palladium-Catalyzed Hydroxylations of Haloaryl C-Nucleosides. <i>Synthesis</i> , 2010, 2010, 4199-4206. | 2.3 | 1 |
| 267 | Synthesis of Base-Modified dNTPs Through Cross-Coupling Reactions and Their Polymerase Incorporation to DNA. <i>Methods in Molecular Biology</i> , 2019, 1973, 39-57. | 0.9 | 1 |
| 268 | Pyrido-Fused Deazapurine Bases: Synthesis and Glycosylation of 4-Substituted 9-H-Pyrido[2,3- <i>b</i>]pyrimidines and Pyrido[4,3- <i>b</i>]pyrrolo[2,3- <i>b</i>]pyrimidines. <i>ACS Omega</i> , 2020, 5, 26278-26286. | 3.5 | 1 |
| 269 | Acyclic nucleotide analogues derived from 6-(1-aminoalkyl)purines. <i>Collection of Czechoslovak Chemical Communications</i> , 1996, 61, 55-58. | 1.0 | 1 |
| 270 | Covalent Analogues of DNA Base-Pairs and Triplets. Part 4. Synthesis of Trisubstituted Benzenes Bearing Purine and/or Pyrimidine Rings by Cyclotrimerization of 6-Ethynylpurines and/or 5-Ethynyl-1,3-dimethyluracil. <i>ChemInform</i> , 2003, 34, no. | 0.0 | 0 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 271 | Syntheses of Purines Bearing Carbon Substituents in Positions 2, 6 or 8 by Metal- or Organometal-Mediated C-C Bond-Forming Reactions. <i>ChemInform</i> , 2003, 34, no. | 0.0 | 0 |
| 272 | [2 + 2 + 2]-Co-cyclotrimerization 6-Alkynylpurines with Diynes: A Method for Preparation of 6-Arylpurines.. <i>ChemInform</i> , 2003, 34, no. | 0.0 | 0 |
| 273 | Dichotomy in Regioselective Cross-Coupling Reactions of 6,8-Dichloropurines with Phenylboronic Acid and Methylmagnesium Chloride: Synthesis of 6,8-Disubstituted Purines.. <i>ChemInform</i> , 2004, 35, no. | 0.0 | 0 |
| 274 | Synthesis of Protected (Purin-6-yl)glycines via Pd-Catalyzed α -Arylation of Ethyl N-(Diphenylmethylidene)glycinate with 6-Iodopurines.. <i>ChemInform</i> , 2004, 35, no. | 0.0 | 0 |
| 275 | Regioselectivity in Cross-Coupling Reactions of 2,6,8-Trichloro-9-(tetrahydropyran-2-yl)purine: Synthesis of 2,6,8-Trisubstituted Purine Bases.. <i>ChemInform</i> , 2005, 36, no. | 0.0 | 0 |
| 276 | Cocyclotrimerization of 6-Alkynylpurines with α,ω -Diynes as a Novel Approach to Biologically Active 6-Arylpurines.. <i>ChemInform</i> , 2005, 36, no. | 0.0 | 0 |
| 277 | Novel Method for Preparation of Highly Substituted 6-Arylpurines by Reactions of 6-Alkynylpurines with Zirconacyclopentadienes.. <i>ChemInform</i> , 2005, 36, no. | 0.0 | 0 |
| 278 | 6-Aryl- and 6-Heteroarylpurines via Cyclotrimerization. <i>Nucleic Acids Symposium Series</i> , 2008, 52, 533-534. | 0.3 | 0 |
| 279 | Novel base-functionalized DNA. Efficient methodology for construction and bioanalytical applications. <i>Nucleic Acids Symposium Series</i> , 2008, 52, 53-54. | 0.3 | 0 |
| 280 | Editorial: A Smooth Transition α . <i>ChemPlusChem</i> , 2013, 78, 3-3. | 2.8 | 0 |
| 281 | Celebrating Czech Chemistry. <i>ChemPlusChem</i> , 2021, 86, 10-10. | 2.8 | 0 |