

Nicola Borbone

List of Publications by Year in descending order

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119
papers

2,270
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129
docs citations

129
times ranked

2450
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Megastigmane and Phenolic Components from <i>Laurus nobilis</i> L. Leaves and Their Inhibitory Effects on Nitric Oxide Production. <i>Journal of Agricultural and Food Chemistry</i> , 2004, 52, 7525-7531. | 5.2 | 94 |
| 2 | Isolation of callipeltins A and of two new open-chain derivatives of callipeltin A from the marine sponge <i>Latrunculia</i> sp. A revision of the stereostructure of callipeltins. <i>Tetrahedron Letters</i> , 2002, 43, 6163-6166. | 1.4 | 65 |
| 3 | New Constituents of Sweet <i>Capsicum annum</i> L. Fruits and Evaluation of Their Biological Activity. <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 7508-7516. | 5.2 | 63 |
| 4 | Aminosilane functionalizations of mesoporous oxidized silicon for oligonucleotide synthesis and detection. <i>Journal of the Royal Society Interface</i> , 2013, 10, 20130160. | 3.4 | 60 |
| 5 | Nucleoside Analogs and Nucleoside Precursors as Drugs in the Fight against SARS-CoV-2 and Other Coronaviruses. <i>Molecules</i> , 2021, 26, 986. | 3.8 | 60 |
| 6 | Phenolic glycosides from <i>Foeniculum vulgare</i> fruit and evaluation of antioxidative activity. <i>Phytochemistry</i> , 2007, 68, 1805-1812. | 2.9 | 57 |
| 7 | Label-Free Probing of G-Quadruplex Formation by Surface-Enhanced Raman Scattering. <i>Analytical Chemistry</i> , 2011, 83, 6849-6855. | 6.5 | 56 |
| 8 | Bioactive Asterosaponins from the Starfish <i>Luidia quinaria</i> and <i>Psilaster cossiope</i> . Isolation and Structure Characterization by Two-Dimensional NMR Spectroscopy. <i>Journal of Natural Products</i> , 2003, 66, 515-519. | 3.0 | 55 |
| 9 | The Anti-Proliferative Effect of L-Carnosine Correlates with a Decreased Expression of Hypoxia Inducible Factor 1 alpha in Human Colon Cancer Cells. <i>PLoS ONE</i> , 2014, 9, e96755. | 2.5 | 51 |
| 10 | Callipeltins I: new antifungal peptides from the marine sponge <i>Latrunculia</i> sp.. <i>Tetrahedron</i> , 2006, 62, 833-840. | 1.9 | 46 |
| 11 | Targeting G-Quadruplex Structure in the Human c-Kit Promoter with Short PNA Sequences. <i>Bioconjugate Chemistry</i> , 2011, 22, 654-663. | 3.6 | 45 |
| 12 | Exploitation of a Very Small Peptide Nucleic Acid as a New Inhibitor of miR-509-3p Involved in the Regulation of Cystic Fibrosis Disease-Genes Expression. <i>BioMed Research International</i> , 2014, 2014, 1-10. | 1.9 | 45 |
| 13 | Synthesis, structural studies and biological properties of new TBA analogues containing an acyclic nucleotide. <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 8244-8253. | 3.0 | 44 |
| 14 | New Sesquiterpene Lactones from <i>Laurus nobilis</i> Leaves as Inhibitors of Nitric Oxide Production. <i>Planta Medica</i> , 2005, 71, 706-710. | 1.3 | 43 |
| 15 | d(CGCTGGT) forms an octameric parallel G-quadruplex via stacking of unusual G(:C):G(:C):G(:C):G(:C) octads. <i>Nucleic Acids Research</i> , 2011, 39, 7848-7857. | 14.5 | 42 |
| 16 | Investigating the Role of T ₇ and T ₁₂ Residues on the Biological Properties of Thrombin-Binding Aptamer: Enhancement of Anticoagulant Activity by a Single Nucleobase Modification. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 10716-10728. | 6.4 | 42 |
| 17 | Site specific replacements of a single loop nucleoside with a dibenzyl linker may switch the activity of TBA from anticoagulant to antiproliferative. <i>Nucleic Acids Research</i> , 2015, 43, 7702-7716. | 14.5 | 42 |
| 18 | Tetra-end-linked oligonucleotides forming DNA G-quadruplexes: a new class of aptamers showing anti-HIV activity. <i>Chemical Communications</i> , 2010, 46, 8971. | 4.1 | 39 |

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|----|--|-----|-----------|
| 19 | Solid phase synthesis of a thrombin binding aptamer on macroporous silica for label free optical quantification of thrombin. <i>RSC Advances</i> , 2016, 6, 86762-86769. | 3.6 | 39 |
| 20 | Potent relaxant effect of a <i>Celastrus paniculatus</i> extract in the rat and human ileum. <i>Journal of Ethnopharmacology</i> , 2009, 122, 434-438. | 4.1 | 36 |
| 21 | Identification of a New Sesquiterpene Polyol Ester from <i>Celastrus paniculatus</i> . <i>Planta Medica</i> , 2007, 73, 792-794. | 1.3 | 35 |
| 22 | Synthesis of N-1 and ribose modified inosine analogues on solid support. <i>Tetrahedron Letters</i> , 2007, 48, 397-400. | 1.4 | 34 |
| 23 | Synthesis of 4-N-alkyl and ribose-modified AICAR analogues on solid support. <i>Tetrahedron</i> , 2008, 64, 6475-6481. | 1.9 | 34 |
| 24 | Synthesis and biological evaluation of unprecedented ring-expanded nucleosides (RENS) containing the imidazo[4,5-d][1,2,6]oxadiazepine ring system. <i>Chemical Communications</i> , 2012, 48, 9310. | 4.1 | 33 |
| 25 | Synthesis of quadruplex-forming tetra-end-linked oligonucleotides: Effects of the linker size on quadruplex topology and stability. <i>Biopolymers</i> , 2009, 91, 466-477. | 2.4 | 31 |
| 26 | Facile Solid-Phase Synthesis of AICAR 5'-Monophosphate (ZMP) and Its 4-Alkyl Derivatives. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 1517-1524. | 2.4 | 31 |
| 27 | New anti-HIV aptamers based on tetra-end-linked DNA G-quadruplexes: effect of the base sequence on anti-HIV activity. <i>Chemical Communications</i> , 2012, 48, 9516. | 4.1 | 31 |
| 28 | Minor Steroidal Alkaloids from the Marine Sponge <i>Corticium</i> sp.#. <i>Journal of Natural Products</i> , 2002, 65, 1206-1209. | 3.0 | 30 |
| 29 | A solid-phase approach to the synthesis of N-1-alkyl analogues of cyclic inosine-diphosphate-ribose (cIDPR). <i>Tetrahedron</i> , 2010, 66, 1931-1936. | 1.9 | 30 |
| 30 | A Facile Synthesis of 5'-Fluoro-5'-deoxyacadesine (5'-F-AICAR): A Novel Non-phosphorylatable AICAR Analogue. <i>Molecules</i> , 2012, 17, 13036-13044. | 3.8 | 30 |
| 31 | Synthesis and characterization of a bunchy oligonucleotide forming a monomolecular parallel quadruplex structure in solution. <i>Tetrahedron Letters</i> , 2004, 45, 4869-4872. | 1.4 | 29 |
| 32 | Peptide Nucleic Acids as miRNA Target Protectors for the Treatment of Cystic Fibrosis. <i>Molecules</i> , 2017, 22, 1144. | 3.8 | 29 |
| 33 | Synthesis and Characterization of Monomolecular DNA G-Quadruplexes Formed by Tetra-End-Linked Oligonucleotides. <i>Bioconjugate Chemistry</i> , 2006, 17, 889-898. | 3.6 | 28 |
| 34 | Outstanding effects on antithrombin activity of modified TBA diastereomers containing an optically pure acyclic nucleotide analogue. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 5235-5242. | 2.8 | 27 |
| 35 | Porous Silicon-Based Aptasensors: The Next Generation of Label-Free Devices for Health Monitoring. <i>Molecules</i> , 2019, 24, 2216. | 3.8 | 25 |
| 36 | Peptide Nucleic Acid-Functionalized Adenoviral Vectors Targeting G-Quadruplexes in the P1 Promoter of Bcl-2 Proto-Oncogene: A New Tool for Gene Modulation in Anticancer Therapy. <i>Bioconjugate Chemistry</i> , 2019, 30, 572-582. | 3.6 | 25 |

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|----|---|-----|-----------|
| 37 | Highly Stereoselective Synthesis of Lamivudine (3TC) and Emtricitabine (FTC) by a Novel <i>N</i> -Glycosidation Procedure. <i>Organic Letters</i> , 2015, 17, 2626-2629. | 4.6 | 24 |
| 38 | Self-Assembly of Rich Oligonucleotides Incorporating a 3' Inversion of Polarity Site: A New Route Towards Wire DNA Nanostructures. <i>ChemistryOpen</i> , 2017, 6, 599-605. | 1.9 | 24 |
| 39 | Evaluation of an Analogue of the Marine μ -PLL Peptide as a Ligand of G-quadruplex DNA Structures. <i>Marine Drugs</i> , 2020, 18, 49. | 4.6 | 24 |
| 40 | Synthesis and characterization of DNA quadruplexes containing T-tetrads formed by bunch-oligonucleotides. <i>Biopolymers</i> , 2006, 81, 194-201. | 2.4 | 22 |
| 41 | Ruthenium-catalyzed oxidative cyclization of 1,7-dienes. A novel diastereoselective synthesis of 2,7-disubstituted trans-oxepane diols. <i>Tetrahedron Letters</i> , 2007, 48, 5131-5135. | 1.4 | 22 |
| 42 | A General Synthesis of Bis- α -cyloxy- β - and α , β -diketones Through Catalytic Oxidative Opening of Acylated THF and THP Diols. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 1781-1789. | 2.4 | 22 |
| 43 | New Sesquiterpenes with Intestinal Relaxant Effect from <i>Celastrus paniculatus</i> . <i>Planta Medica</i> , 2004, 70, 652-656. | 1.3 | 21 |
| 44 | Solid-Phase Synthesis of a New Diphosphate 5-Aminoimidazole-4-carboxamide Riboside (AICAR) Derivative and Studies toward Cyclic AICAR Diphosphate Ribose. <i>Molecules</i> , 2011, 16, 8110-8118. | 3.8 | 20 |
| 45 | DNA-based nanostructures: The effect of the base sequence on octamer formation from d(XGGYGGT) tetramolecular G-quadruplexes. <i>Biochimie</i> , 2014, 99, 119-128. | 2.6 | 20 |
| 46 | Probing the reactivity of nebularine N1-oxide. A novel approach to C-6 C-substituted purine nucleosides. <i>Tetrahedron</i> , 2011, 67, 6138-6144. | 1.9 | 18 |
| 47 | Synthesis of cyclic <i>N</i> ¹ -pentylinosine phosphate, a new structurally reduced cADPR analogue with calcium-mobilizing activity on PC12 cells. <i>Beilstein Journal of Organic Chemistry</i> , 2015, 11, 2689-2695. | 2.2 | 18 |
| 48 | Screening Platform toward New Anti-HIV Aptamers Set on Molecular Docking and Fluorescence Quenching Techniques. <i>Analytical Chemistry</i> , 2016, 88, 2327-2334. | 6.5 | 18 |
| 49 | Design, Synthesis and Characterization of Novel Co-Polymers Decorated with Peptides for the Selective Nanoparticle Transport across the Cerebral Endothelium. <i>Molecules</i> , 2018, 23, 1655. | 3.8 | 18 |
| 50 | Synthesis, self-assembly-behavior and biomolecular recognition properties of thymynil dipeptides. <i>Arabian Journal of Chemistry</i> , 2020, 13, 1966-1974. | 4.9 | 18 |
| 51 | Identification of Quorum Sensing Activators and Inhibitors in The Marine Sponge <i>Sarcotragus spinosulus</i> . <i>Marine Drugs</i> , 2020, 18, 127. | 4.6 | 17 |
| 52 | Design, synthesis and biochemical investigation, by in vitro luciferase reporter system, of peptide nucleic acids as new inhibitors of miR-509-3p involved in the regulation of cystic fibrosis disease-gene expression. <i>MedChemComm</i> , 2014, 5, 68-71. | 3.4 | 16 |
| 53 | Solid phase synthesis of a novel folate-conjugated 5-aminolevulinic acid methyl ester based photosensitizer for selective photodynamic therapy. <i>Tetrahedron Letters</i> , 2015, 56, 775-778. | 1.4 | 16 |
| 54 | Anti-HIV activity of new higher order G-quadruplex aptamers obtained from tetra-end-linked oligonucleotides. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 2349-2355. | 2.8 | 16 |

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|----|---|-----|-----------|
| 55 | Solid-phase synthesis and pharmacological evaluation of novel nucleoside-tethered dinuclear platinum(II) complexes. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 5835-5838. | 2.2 | 15 |
| 56 | New synthetic AICAR derivatives with enhanced AMPK and ACC activation. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016, 31, 748-753. | 5.2 | 15 |
| 57 | Stabilization vs. destabilization of G-quadruplex superstructures: the role of the porphyrin derivative having spermine arms. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 17404-17410. | 2.8 | 15 |
| 58 | New Glycosphingolipids from the Marine Sponge <i>Aplysinella rhax</i> and Their Potential as Nitric Oxide Release Inhibitors. <i>European Journal of Organic Chemistry</i> , 2001, 2001, 4651. | 2.4 | 14 |
| 59 | Direct Synthesis of Oligonucleotides on Nanostructured Silica Multilayers. <i>Journal of Physical Chemistry C</i> , 2010, 114, 2617-2621. | 3.1 | 14 |
| 60 | Synthesis of a Dibromoperylene Phosphoramidite Building Block and Its Incorporation at the 5' End of a G-Quadruplex Forming Oligonucleotide: Spectroscopic Properties and Structural Studies of the Resulting Dibromoperylene Conjugate. <i>Bioconjugate Chemistry</i> , 2011, 22, 1309-1319. | 3.6 | 14 |
| 61 | RuO ₄ -catalyzed oxidative polycyclization of the Cs-symmetric isoprenoid polyene digeranyl. An unexpected stereochemical outcome. <i>Tetrahedron</i> , 2008, 64, 11185-11192. | 1.9 | 13 |
| 62 | Discovery of a new PCC-mediated stereoselective oxidative spiroketalization process. An access to a new type of poly-THF spiroketal compound displaying anticancer activity. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 3036. | 2.8 | 13 |
| 63 | Assisting PNA transport through cystic fibrosis human airway epithelia with biodegradable hybrid lipid-polymer nanoparticles. <i>Scientific Reports</i> , 2021, 11, 6393. | 3.3 | 13 |
| 64 | Synthesis of New Acadesine (AICA-riboside) Analogues Having Acyclic d-Ribityl or 4-Hydroxybutyl Chains in Place of the Ribose. <i>Molecules</i> , 2013, 18, 9420-9431. | 3.8 | 12 |
| 65 | Isolation of Plakinamine I: A New Steroidal Alkaloid from the Marine Sponge <i>Corticium</i> sp. and Synthesis of an Analogue Model Compound. <i>European Journal of Organic Chemistry</i> , 2005, 2005, 4359-4363. | 2.4 | 11 |
| 66 | Discovery of a novel one-step RuO ₄ -catalysed tandem oxidative polycyclization/double spiroketalization process. Access to a new type of polyether bis-spiroketal compound displaying antitumour activity. <i>Tetrahedron</i> , 2010, 66, 9370-9378. | 1.9 | 11 |
| 67 | Cyanochelins, an Overlooked Class of Widely Distributed Cyanobacterial Siderophores, Discovered by Silent Gene Cluster Awakening. <i>Applied and Environmental Microbiology</i> , 2021, 87, e0312820. | 3.1 | 11 |
| 68 | Insight into Pyridinium Chlorochromate Chemistry: Catalytic Oxidation of Tetrahydrofuran Compounds and Synthesis of Umbelactone. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 4293-4305. | 2.4 | 10 |
| 69 | Synthesis and Evaluation of the Antitumor Properties of a Small Collection of Pt ^{II} Complexes with 7-Deazaadenosine as Scaffold. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 4935-4947. | 2.4 | 10 |
| 70 | Synthesis and Biological Evaluation of a New Structural Simplified Analogue of cADPR, a Calcium-Mobilizing Secondary Messenger Firstly Isolated from Sea Urchin Eggs. <i>Marine Drugs</i> , 2018, 16, 89. | 4.6 | 10 |
| 71 | PNA-Based Graphene Oxide/Porous Silicon Hybrid Biosensor: Towards a Label-Free Optical Assay for Brugada Syndrome. <i>Nanomaterials</i> , 2020, 10, 2233. | 4.1 | 10 |
| 72 | PNA as a potential modulator of COL7A1 gene expression in dominant dystrophic epidermolysis bullosa: a physico-chemical study. <i>Molecular BioSystems</i> , 2013, 9, 3166. | 2.9 | 9 |

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|----|---|-----|-----------|
| 73 | Synthesis and Pharmacological Evaluation of Modified Adenosines Joined to Mono-Functional Platinum Moieties. <i>Molecules</i> , 2014, 19, 9339-9353. | 3.8 | 9 |
| 74 | Synthesis of mixed-sequence oligonucleotides on mesoporous silicon: chemical strategies and material stability. <i>Nanoscale Research Letters</i> , 2014, 9, 317. | 5.7 | 9 |
| 75 | Bioconjugation of a PNA Probe to Zinc Oxide Nanowires for Label-Free Sensing. <i>Nanomaterials</i> , 2021, 11, 523. | 4.1 | 9 |
| 76 | Structure- and Interaction- Based Design of Anti-SARS-CoV-2 Aptamers. <i>Chemistry - A European Journal</i> , 2022, 28, . | 3.3 | 9 |
| 77 | Exploring the Parallel G-Quadruplex Nucleic Acid World: A Spectroscopic and Computational Investigation on the Binding of the c-myc Oncogene NHE III1 Region by the Phytochemical Polydatin. <i>Molecules</i> , 2022, 27, 2997. | 3.8 | 9 |
| 78 | Nanogravimetric and Optical Characterizations of Thrombin Interaction with a Self-Assembled Thiolated Aptamer. <i>Journal of Sensors</i> , 2016, 2016, 1-8. | 1.1 | 8 |
| 79 | Synthesis and label free characterization of a bimolecular PNA homo quadruplex. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017, 1861, 1222-1228. | 2.4 | 8 |
| 80 | π-π stacked DNA G-wire nanostructures formed by a short G-rich oligonucleotide containing a 3' inversion of polarity site. <i>Organic Chemistry Frontiers</i> , 2020, 7, 2187-2195. | 4.5 | 8 |
| 81 | Ligand binding to tetra-end-linked (TGGGGT) ₄ G-quadruplexes: an electrospray mass spectroscopy study. <i>Nucleic Acids Symposium Series</i> , 2008, 52, 165-166. | 0.3 | 7 |
| 82 | Synthesis of 2,6-Dialkyl(aryl)purine Nucleosides by Exploiting the Reactivity of Nebularine towards Grignard Reagents. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 6948-6954. | 2.4 | 7 |
| 83 | New G-Quadruplex-Forming Oligodeoxynucleotides Incorporating a Bifunctional Double-Ended Linker (DEL): Effects of DEL Size and ODNs Orientation on the Topology, Stability, and Molecularity of DEL-G-Quadruplexes. <i>Molecules</i> , 2019, 24, 654. | 3.8 | 7 |
| 84 | Endogenous and artificial miRNAs explore a rich variety of conformations: a potential relationship between secondary structure and biological functionality. <i>Scientific Reports</i> , 2020, 10, 453. | 3.3 | 7 |
| 85 | Solid Phase Synthesis of Nucleobase and Ribose Modified Inosine Nucleoside Analogues. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2007, 26, 1649-1652. | 1.1 | 6 |
| 86 | Synthesis and Evaluation of the Antiproliferative Properties of a Tethered Tubercidin-Platinum(II) Complex. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 7550-7556. | 2.4 | 6 |
| 87 | New Linear Precursors of cIDPR Derivatives as Stable Analogs of cADPR: A Potent Second Messenger with Ca ²⁺ -Modulating Activity Isolated from Sea Urchin Eggs. <i>Marine Drugs</i> , 2019, 17, 476. | 4.6 | 6 |
| 88 | Probing the DNA Reactivity and the Anticancer Properties of a Novel Tubercidin-Pt(II) Complex. <i>Pharmaceutics</i> , 2020, 12, 627. | 4.5 | 6 |
| 89 | 3D Chitosan-Gallic Acid Complexes: Assessment of the Chemical and Biological Properties. <i>Gels</i> , 2022, 8, 124. | 4.5 | 6 |
| 90 | Nucleic Acids as Biotools at the Interface between Chemistry and Nanomedicine in the COVID-19 Era. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4359. | 4.1 | 6 |

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|-----|---|-----|-----------|
| 91 | Degradation of some representative polycyclic aromatic hydrocarbons by the water-soluble protein extracts from <i>Zea mays</i> L. cv PR32-B10. <i>Chemosphere</i> , 2016, 160, 258-265. | 8.2 | 5 |
| 92 | Antiproliferative Activity of Mycalin A and Its Analogues on Human Skin Melanoma and Human Cervical Cancer Cells. <i>Marine Drugs</i> , 2020, 18, 402. | 4.6 | 5 |
| 93 | Exploring a peptide nucleic acid-based antisense approach for CD5 targeting in chronic lymphocytic leukemia. <i>PLoS ONE</i> , 2022, 17, e0266090. | 2.5 | 5 |
| 94 | Physico-chemical analysis of G-quadruplex containing bunch-oligonucleotides. <i>International Journal of Biological Macromolecules</i> , 2007, 40, 242-247. | 7.5 | 4 |
| 95 | Hybrid Organic/Inorganic Nanomaterials for Biochemical Sensing. <i>Lecture Notes in Electrical Engineering</i> , 2021, , 93-99. | 0.4 | 4 |
| 96 | 3 ¹ ,6 ¹ -Diacetoxy-5,9 ¹ -dihydroxy-5 ¹ -cholest-7-en-11-one acetic acid 0.04-solvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013, 69, o879-o880. | 0.2 | 3 |
| 97 | Synthesis of 5 ¹ -Aminoimidazole-4 ¹ -Carboxamide Riboside (AICAR) and Its Derivatives Using Inosine as Starting Material. <i>Current Protocols in Nucleic Acid Chemistry</i> , 2015, 63, 1.35.1-1.35.24. | 0.5 | 3 |
| 98 | Probing the Ca ²⁺ mobilizing properties on primary cortical neurons of a new stable cADPR mimic. <i>Bioorganic Chemistry</i> , 2021, 117, 105401. | 4.1 | 3 |
| 99 | 3 ¹ ,6 ¹ -Diacetoxy-5,9 ¹ -dihydroxy-5 ¹ -cholest-7-en-11-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013, 69, o1109-o1110. | 0.2 | 3 |
| 100 | A BUNCH-OLIGONUCLEOTIDE FORMING STABLE MONOMOLECULAR QUADRUPLEX CONTAINING A T-TETRAD. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2005, 24, 443-446. | 1.1 | 2 |
| 101 | Synthesis of A New Ribose Modified Analogue of Cyclic Inosine Diphosphate Ribose. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2007, 26, 1321-1324. | 1.1 | 2 |
| 102 | Synthesis of N-1-alkyl analogues of cyclic inosine diphosphate ribose (ciDPR) by a new solid phase approach. <i>Nucleic Acids Symposium Series</i> , 2008, 52, 573-574. | 0.3 | 2 |
| 103 | Synthesis of C ⁶ -Pyridylpurine Nucleosides by Reaction of Nebularine N ¹ -Oxide with Pyridinyl Grignard Reagents. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 2244-2249. | 2.4 | 2 |
| 104 | Pyridinium chlorochromate chemistry. New insight into oxidation of tetrahydrofurans. <i>Arkivoc</i> , 2017, 2017, 273-290. | 0.5 | 2 |
| 105 | O ⁶ -[(2 ³ ,3 ³ -O-Isopropylidene-5 ³ -O-tbutyldimethylsilyl)pentyl]-5 ² -O-tbutyldiphenylsilyl-2 ² ,3 ² -O-isopropylideneinosine. <i>MolBank</i> , 2022, 2022, M1345. | 0.5 | 2 |
| 106 | UNUSUAL MONOMOLECULAR DNA QUADRUPLEX STRUCTURES USING BUNCH-OLIGONUCLEOTIDES. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2005, 24, 739-741. | 1.1 | 1 |
| 107 | Oligonucleotides direct synthesis on porous silicon chip. <i>Nucleic Acids Symposium Series</i> , 2008, 52, 721-722. | 0.3 | 1 |
| 108 | Isolation of a Bis-Iodurated Tetra-THF as a Trace Product from the Oxidation of Squalene with RuO ₄ and Its Double Ring Expansion to a Novel bis-THF-bis-THP Compound. <i>Molecules</i> , 2011, 16, 5362-5373. | 3.8 | 1 |

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|-----|--|-----|-----------|
| 109 | Insight Into the Conformational Arrangement of a Bis-THF Diol Compound Through 2D-NMR Studies and X-Ray Structural Analysis. <i>Journal of Chemical Crystallography</i> , 2012, 42, 360-365. | 1.1 | 1 |
| 110 | Computational approach to design of aptamers to the receptor binding domain of SARS-CoV-2. <i>Siberian Medical Review</i> , 2021, , 66-67. | 0.2 | 1 |
| 111 | 5-Amino-1-(2- <i>isopropylidene-D-ribofuran-5-yl</i>)-1 <i>H</i> -imidazole-4-carboxamide: a crystal structure with $Z = 4$. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2017, 73, 183-187. | 0.5 | 1 |
| 112 | Protein-modified porous silicon optical devices for biosensing. , 2021, , 113-148. | | 1 |
| 113 | EFFECTS OF ACROLEIN ON THE QUADRUPLEX FORMING d(TTAGGG) ₄ TELOMERIC REPEAT SEQUENCE. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2005, 24, 447-450. | 1.1 | 0 |
| 114 | Synthesis and Characterization of Tetra-End Linked Oligonucleotides Capable of Forming Monomolecular G-Quadruplexes. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2007, 26, 1231-1236. | 1.1 | 0 |
| 115 | Optical Tweezers as a Probe for Oligodeoxyribonucleotide Structuration. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2007, 26, 1295-1299. | 1.1 | 0 |
| 116 | Aminosilane-modified mesoporous oxidized silicon for in situ oligonucleotides synthesis and detection. , 2014, , . | | 0 |
| 117 | Editorial: Special Issue "Molecules from Side Reactions". <i>MolBank</i> , 2020, 2020, M1172. | 0.5 | 0 |
| 118 | (3 <i>R</i> ,3 <i>aR</i> ,6 <i>R</i> ,6 <i>aR</i>)-Hexahydrofuro[3,2- <i>b</i>]furan-3,6-diyl dibenzoate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013, 69, o1396-o1397. | 0.2 | 0 |
| 119 | Design and Synthesis of a cADPR Mimic as a Novel Tool for Monitoring the Intracellular Ca ²⁺ Concentration. <i>Proceedings (mdpi)</i> , 2020, 79, . | 0.2 | 0 |