# Maria Duca

List of Publications by Year
in descending order



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|---|---|---|---|
| 40 papers | 1,099 citations | 471509 17 h-index | 414414 32 g-index |
| 43 all docs | 43 docs citations | 43 times ranked | 1143 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Development of 2-deoxystreptamineâ€“nucleobase conjugates for the inhibition of oncogenic miRNA production. RSC Medicinal Chemistry, 2022, 13, 311-319. | 3.9 | 4 |
| 2 | Differentiation of Cancer Stem Cells by Using Synthetic Small Molecules: Toward New Therapeutic Strategies against Therapy Resistance. ChemMedChem, 2021, 16, 14-29. | 3.2 | 2 |
| 3 | Design and Implementation of Synthetic RNA Binders for the Inhibition of miR-21 Biogenesis. ACS Medicinal Chemistry Letters, 2021, 12, 899-906. | 2.8 | 17 |
| 4 | Potent Tyrosinase Inhibitory Activity of Curcuminoid Analogues and Inhibition Kinetics Studies. Cosmetics, 2021, 8, 35. | 3.3 | 8 |
| 5 | The Chemical Biologyâ€Medicinal Chemistry Continuum: EFMCâ€²s Vision. ChemBioChem, 2021, 22, 2823-2825. | 2.6 | 7 |
| 6 | Unveiling RNAâ€Binding Properties of Verapamil and Preparation of New Derivatives as Inhibitors of HIVâ€1 Tatâ€TAR Interaction. ChemPlusChem, 2020, 85, 207-216. | 2.8 | 7 |
| 7 | Frontispiece: Aminoglycoside Conjugation for RNA Targeting: Antimicrobials and Beyond. Chemistry - A European Journal, 2020, 26, . | 3.3 | 0 |
| 8 | Aminoglycoside Conjugation for RNA Targeting: Antimicrobials and Beyond. Chemistry - A European Journal, 2020, 26, 12273-12309. | 3.3 | 14 |
| 9 | Inhibition of Patched Drug Efflux Increases Vemurafenib Effectiveness against Resistant BrafV600E Melanoma. Cancers, 2020, 12, 1500. | 3.7 | 9 |
| 10 | New Chemical Modalities Enabling Specific RNA Targeting and Degradation: Application to SARS-CoV-2 RNA. ACS Central Science, 2020, 6, 1647-1650. | 11.3 | 1 |
| 11 | New Chemical Modalities Enabling Specific RNA Targeting and Degradation: Application to SARS-CoV-2 RNA. ACS Central Science, 2020, 6, 1647-1650. | 11.3 | 6 |
| 12 | Functionalized C-nucleosides as remarkable RNA binders: targeting of prokaryotic ribosomal A-site RNA. Chemical Communications, 2019, 55, 10432-10435. | 4.1 | 5 |
| 13 | Synthetic small-molecule RNA ligands: future prospects as therapeutic agents. MedChemComm, 2019, 10, 1242-1255. | 3.4 | 53 |
| 14 | Modulation of oncogenic miRNA biogenesis using functionalized polyamines. Scientific Reports, 2018, 8, 1667. | 3.3 | 39 |
| 15 | Exploring Heterocycle-Spermine Conjugates as Modulators of Oncogenic microRNAs Biogenesis. ACS Omega, 2018, 3, 16500-16508. | 3.5 | 13 |
| 16 | Building of neomycinâ€“nucleobaseâ€“amino acid conjugates for the inhibition of oncogenic miRNAs biogenesis. Organic and Biomolecular Chemistry, 2018, 16, 6262-6274. | 2.8 | 27 |
| 17 | Design of Multimodal Small Molecules Targeting miRNAs Biogenesis: Synthesis and In Vitro Evaluation. Methods in Molecular Biology, 2017, 1517, 137-154. | 0.9 | 13 |
| 18 | Small-molecule approaches toward the targeting of oncogenic miRNAs: roadmap for the discovery of RNA modulators. Future Medicinal Chemistry, 2016, 8, 803-816. | 2.3 | 31 |

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|---|---|---|---|
| 19 | Oncogenic MicroRNAs Biogenesis as a Drug Target: Structureâ€“Activity Relationship Studies on New Aminoglycoside Conjugates. Chemistry - A European Journal, 2016, 22, 5350-5362. | 3.3 | 41 |
| 20 | Ribosome-targeting antibiotics as inhibitors of oncogenic microRNAs biogenesis: Old scaffolds for new perspectives in RNA targeting. Bioorganic and Medicinal Chemistry, 2015, 23, 5334-5344. | 3.0 | 18 |
| 21 | Artificial Nucleobaseâ€“Amino Acid Conjugates: A New Class of TAR RNA Binding Agents. Chemistry - A European Journal, 2014, 20, 2071-2079. | 3.3 | 33 |
| 22 | Targeting the Production of Oncogenic MicroRNAs with Multimodal Synthetic Small Molecules. ACS Chemical Biology, 2014, 9, 711-721. | 3.4 | 99 |
| 23 | Sequence-Specific Base Pair Mimics Are Efficient Topoisomerase IB Inhibitors. Biochemistry, 2012, 51, 43-51. | 2.5 | 3 |
| 24 | Contributions of the D-Ring to the Activity of Etoposide against Human Topoisomerase IIÎ±: Potential Interactions with DNA in the Ternary Enzymeâ€“Drugâ€“DNA Complex. Biochemistry, 2011, 50, 5058-5066. | 2.5 | 16 |
| 25 | Structural Basis for the Exceptional Stability of Bisaminoacylated Nucleotides and Transfer RNAs. Journal of the American Chemical Society, 2011, 133, 11368-11377. | 13.7 | 5 |
| 26 | Targeting DNA base pair mismatch with artificial nucleobases. Advances and perspectives in triple helix strategy. Organic and Biomolecular Chemistry, 2011, 9, 326-336. | 2.8 | 60 |
| 27 | Design of novel RNA ligands that bind stemâ€“bulge HIV-1 TAR RNA. Chemical Communications, 2010, 46, 6162. | 4.1 | 33 |
| 28 | Fluorescent labeling of human mesenchymal stem cells by thiophene fluorophores conjugated to a lipophilic carrier. Chemical Communications, 2010, 46, 7948. | 4.1 | 23 |
| 29 | Tandem Azide-Alkyne 1,3-Dipolar Cycloaddition/Electrophilic Addition: A Concise Three-Component Route to 4,5-Disubstituted Triazolyl-Nucleosides. Synlett, 2009, 2009, 2123-2126. | 1.8 | 17 |
| 30 | Aminoacylation of transfer RNAs with one and two amino acids. Methods, 2008, 44, 87-99. | 3.8 | 9 |
| 31 | Modeling the reactive properties of tandemly activated tRNAs. Organic and Biomolecular Chemistry, 2008, 6, 3292. | 2.8 | 8 |
| 32 | TargetingMDR1Gene: Synthesis and Cellular Study of Modified Daunomycin-Triplex-Forming Oligonucleotide Conjugates Able to Inhibit Gene Expression in Resistant Cell Lines. Molecular Pharmacology, 2008, 73, 1568-1577. | 2.3 | 12 |
| 33 | The triple helix: 50 years later, the outcome. Nucleic Acids Research, 2008, 36, 5123-5138. | 14.5 | 302 |
| 34 | Synthesis of bisaminoacylated pdCpAs and tandemly activated transfer RNAs. Bioorganic and Medicinal Chemistry, 2007, 15, 4629-4642. | 3.0 | 7 |
| 35 | Molecular basis of the targeting of topoisomerase II-mediated DNA cleavage by VP16 derivatives conjugated to triplex-forming oligonucleotides. Nucleic Acids Research, 2006, 34, 1900-1911. | 14.5 | 27 |
| 36 | Novel carbamate derivatives of 4-Î²-amino-4â€²-O-demethyl-4-desoxypodophyllotoxin as inhibitors of topoisomerase II: synthesis and biological evaluation. Organic and Biomolecular Chemistry, 2005, 3, 1074-1080. | 2.8 | 11 |

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|---|---|---|---|
| 37 | Triple Helix-Forming Oligonucleotides Conjugated to New Inhibitors of Topoisomerase II:â€‰ Synthesis and Binding Properties. Bioconjugate Chemistry, 2005, 16, 873-884. | 3.6 | 7 |
| 38 | Synthesis and Biological Study of a New Series of 4â€˜-Demethylepipodophyllotoxin Derivatives. Journal of Medicinal Chemistry, 2005, 48, 593-603. | 6.4 | 42 |
| 39 | Selective Generation and Reactivity of 5â€²-Adenosinyl and 2â€²-Adenosinyl Radicals. Chemistry - A European Journal, 2004, 10, 1249-1255. | 3.3 | 28 |
| 40 | Synthesis and Biological Activity of Sulfonamide Derivatives of Epipodophyllotoxin. Journal of Medicinal Chemistry, 2004, 47, 2365-2374. | 6.4 | 42 |