

Federico Brucoli

List of Publications by Year in descending order

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17
papers

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274
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Mycobactin Analogues with Excellent Pharmacokinetic Profile Demonstrate Potent Antitubercular Specific Activity and Exceptional Efflux Pump Inhibition. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 234-256. | 6.4 | 11 |
| 2 | Dissertation Project for the Forensic Science Laboratory: Birch Reduction of Ephedrine and Analysis of Byproducts of Forensic Science Interest. <i>Journal of Chemical Education</i> , 2021, 98, 1750-1755. | 2.3 | 3 |
| 3 | Novel C-3-(N-alkyl-aryl)-aminomethyl rifamycin SV derivatives exhibit activity against rifampicin-resistant <i>Mycobacterium tuberculosis</i> RpoBS522L strain and display a different binding mode at the RNAP β -subunit site compared to rifampicin. <i>European Journal of Medicinal Chemistry</i> , 2021, 225, 113734. | 5.5 | 4 |
| 4 | The Mycobactin Biosynthesis Pathway: A Prospective Therapeutic Target in the Battle against Tuberculosis. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 71-100. | 6.4 | 32 |
| 5 | Rifamycins: do not throw the baby out with the bathwater. Is rifampicin still an effective anti-tuberculosis drug?. <i>Future Medicinal Chemistry</i> , 2021, 13, 2129-2131. | 2.3 | 2 |
| 6 | 2-furyl(phenyl)methanol isolated from <i>Atractilis gummifera</i> rhizome exhibits anti-leishmanial activity. <i>FÄ-toterapÄ-t</i> , 2020, 140, 104420. | 2.2 | 1 |
| 7 | Synthesis and Biological Evaluation of a Novel C8-Pyrrolobenzodiazepine (PBD) Adenosine Conjugate. A Study on the Role of the PBD Ring in the Biological Activity of PBD-Conjugates. <i>Molecules</i> , 2020, 25, 1243. | 3.8 | 5 |
| 8 | Integrated Target-Based and Phenotypic Screening Approaches for the Identification of Anti-Tubercular Agents That Bind to the Mycobacterial Adenylating Enzyme MbtA. <i>ChemMedChem</i> , 2019, 14, 1735-1741. | 3.2 | 9 |
| 9 | Activity of DNA-targeted C8-linked pyrrolobenzodiazepine-heterocyclic polyamide conjugates against aerobically and hypoxically grown <i>Mycobacterium tuberculosis</i> under acidic and neutral conditions. <i>Journal of Antibiotics</i> , 2018, 71, 831-834. | 2.0 | 3 |
| 10 | DNA-Minor Groove Binding Agents as Anti-Tubercular Probes. Old Tools for a New Challenge?. <i>Anti-Infective Agents</i> , 2018, 16, 71-79. | 0.4 | 2 |
| 11 | DNA sequence-selective C8-linked pyrrolobenzodiazepine-heterocyclic polyamide conjugates show anti-tubercular-specific activities. <i>Journal of Antibiotics</i> , 2016, 69, 843-849. | 2.0 | 12 |
| 12 | Synthesis, anti-mycobacterial activity and DNA sequence-selectivity of a library of biaryl-motifs containing polyamides. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 3705-3711. | 3.0 | 10 |
| 13 | An Extended Pyrrolobenzodiazepine-Polyamide Conjugate with Selectivity for a DNA Sequence Containing the ICB2 Transcription Factor Binding Site. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 6339-6351. | 6.4 | 30 |
| 14 | Structural Characterization and Antimicrobial Evaluation of Atractyloside, Atractyligenin, and 15-Didehydroattractyligenin Methyl Ester. <i>Journal of Natural Products</i> , 2012, 75, 1070-1075. | 3.0 | 17 |
| 15 | Efficient synthesis and biological evaluation of proximicins A, B and C. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 2019-2024. | 3.0 | 26 |
| 16 | Novel C8-linked pyrrolobenzodiazepine (PBD)-heterocycle conjugates that recognize DNA sequences containing an inverted CCAAT box. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 3780-3783. | 2.2 | 19 |
| 17 | Efficient Solid-Phase Synthesis of a Library of Distamycin Analogs Containing Novel Biaryl Motifs on SynPhase Lanterns. <i>ACS Combinatorial Science</i> , 2009, 11, 576-586. | 3.3 | 12 |