

Federico Brucoli

List of Publications by Year in descending order

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papers

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1040056

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all docs

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docs citations

17
times ranked

274
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	An Extended Pyrrolobenzodiazepineâ€“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
3	Efficient synthesis and biological evaluation of proximicins A, B and C. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 2019-2024.	3.0	26
4	Novel C8-linked pyrrolobenzodiazepine (PBD)â€“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
5	Structural Characterization and Antimicrobial Evaluation of Atractyloside, Atractyligenin, and 15-Didehydroatractyligenin Methyl Ester. <i>Journal of Natural Products</i> , 2012, 75, 1070-1075.	3.0	17
6	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
7	DNA sequence-selective C8-linked pyrrolobenzodiazepineâ€“heterocyclic polyamide conjugates show anti-tubercular-specific activities. <i>Journal of Antibiotics</i> , 2016, 69, 843-849.	2.0	12
8	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
9	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
10	Integrated Targetâ€“Based and Phenotypic Screening Approaches for the Identification of Antiâ€“Tubercular Agents That Bind to the Mycobacterial Adenylating Enzyme MbtA. <i>ChemMedChem</i> , 2019, 14, 1735-1741.	3.2	9
11	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
12	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 Î²-subunit site compared to rifampicin. <i>European Journal of Medicinal Chemistry</i> , 2021, 225, 113734.	5.5	4
13	Activity of DNA-targeted C8-linked pyrrolobenzodiazepineâ€“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
14	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
15	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
16	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
17	2-furyl(phenyl)methanol isolated from <i>Atractilis gummifera</i> rhizome exhibits anti-leishmanial activity. <i>FÃ–toterapÃ–</i> , 2020, 140, 104420.	2.2	1