

# Federico Brucoli

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/1754377/federico-brucoli-publications-by-citations.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

15  
papers

131  
citations

8  
h-index

11  
g-index

17  
ext. papers

169  
ext. citations

4.3  
avg, IF

2.39  
L-index

#	Paper	IF	Citations
15	An extended pyrrolobenzodiazepine-polyamide conjugate with selectivity for a DNA sequence containing the ICB2 transcription factor binding site. <i>Journal of Medicinal Chemistry</i> , <b>2013</b> , 56, 6339-51	8.3	28
14	Efficient synthesis and biological evaluation of proximicins A, B and C. <i>Bioorganic and Medicinal Chemistry</i> , <b>2012</b> , 20, 2019-24	3.4	21
13	Novel C8-linked pyrrolobenzodiazepine (PBD)-heterocycle conjugates that recognize DNA sequences containing an inverted CCAAT box. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2011</b> , 21, 3780-3	2.9	18
12	Structural characterization and antimicrobial evaluation of atractyloside, atractyligenin, and 15-didehydroatractyligenin methyl ester. <i>Journal of Natural Products</i> , <b>2012</b> , 75, 1070-5	4.9	13
11	Efficient solid-phase synthesis of a library of distamycin analogs containing novel biaryl motifs on SynPhase Lanterns. <i>ACS Combinatorial Science</i> , <b>2009</b> , 11, 576-86		11
10	The Mycobactin Biosynthesis Pathway: A Prospective Therapeutic Target in the Battle against Tuberculosis. <i>Journal of Medicinal Chemistry</i> , <b>2021</b> , 64, 71-100	8.3	10
9	Synthesis, anti-mycobacterial activity and DNA sequence-selectivity of a library of biaryl-motifs containing polyamides. <i>Bioorganic and Medicinal Chemistry</i> , <b>2015</b> , 23, 3705-11	3.4	8
8	DNA sequence-selective C8-linked pyrrolobenzodiazepine-heterocyclic polyamide conjugates show anti-tubercular-specific activities. <i>Journal of Antibiotics</i> , <b>2016</b> , 69, 843-849	3.7	8
7	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> , <b>2019</b> , 14, 1735-1741	3.7	4
6	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> , <b>2020</b> , 25,	4.8	2
5	DNA-Minor Groove Binding Agents as Anti-Tubercular Probes. Old Tools for a New Challenge?. <i>Anti-Infective Agents</i> , <b>2018</b> , 16, 71-79	0.6	2
4	Novel C-3-(N-alkyl-aryl)-aminomethyl rifamycin SV derivatives exhibit activity against rifampicin-resistant Mycobacterium tuberculosis RpoB strain and display a different binding mode at the RNAP Esubunit site compared to rifampicin. <i>European Journal of Medicinal Chemistry</i> , <b>2021</b> , 225, 113734	6.8	2
3	Activity of DNA-targeted C8-linked pyrrolobenzodiazepine-heterocyclic polyamide conjugates against aerobically and hypoxically grown Mycobacterium tuberculosis under acidic and neutral conditions. <i>Journal of Antibiotics</i> , <b>2018</b> , 71, 831-834	3.7	1
2	2-furyl(phenyl)methanol isolated from <i>Atractilis gummifera</i> rhizome exhibits anti-leishmanial activity. <i>Phytotherapy Research</i> , <b>2020</b> , 140, 104420	3.2	0
1	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> , <b>2021</b> , 98, 1750-1755	2.4	0