

# Maia Iovel Merlani

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

161  
citations

1163065

8  
h-index

1281846

11  
g-index

24  
all docs

24  
docs citations

24  
times ranked

240  
citing authors

#	ARTICLE	IF	CITATIONS
1	Enzymatic Synthesis and Antimicrobial Activity of Oligomer Analogues of Medicinal Biopolymers from Comfrey and Other Species of the Boraginaceae Family. <i>Pharmaceutics</i> , 2022, 14, 115.	4.5	9
2	Antimicrobial Activity of Nitrogen-Containing 5 $\beta$ -Androstane Derivatives: In Silico and Experimental Studies. <i>Antibiotics</i> , 2020, 9, 224.	3.7	12
3	Polymerization of Bulky of Oxirane Monomers Leading to Polyethers Exhibiting Intramolecular Charge Transfer Interactions. <i>Macromolecular Chemistry and Physics</i> , 2019, 220, 1900331.	2.2	2
4	Novel antimicrobial agents <sup>TM</sup> discovery among the steroid derivatives. <i>Steroids</i> , 2019, 144, 52-65.	1.8	18
5	New Caffeic Acid Derivatives as Antimicrobial Agents: Design, Synthesis, Evaluation and Docking. <i>Current Topics in Medicinal Chemistry</i> , 2019, 19, 292-304.	2.1	18
6	Structure-Activity Relationship of Epimeric 3,17-Substituted 5 $\beta$ -Androstane Aminoalcohols. <i>Chemistry of Natural Compounds</i> , 2016, 52, 961-962.	0.8	2
7	Stopped-Flow Enantioselective HPLC-CD Analysis and TD-DFT Stereochemical Characterization of Methyl <i>trans</i> -3,4-Dimethoxyphenyl)Glycidate. <i>Chirality</i> , 2015, 27, 914-918.	2.6	6
8	Ring-opening polymerization of a 2,3-disubstituted oxirane leading to a polyether having a carbonyl-aromatic $\pi$ -stacked structure. <i>Polymer Chemistry</i> , 2015, 6, 1932-1936.	3.9	8
9	Synthesis of Several 5 $\beta$ -D-Homosteroid Derivatives Based on Tigogenin. <i>Chemistry of Natural Compounds</i> , 2014, 50, 480-482.	0.8	2
10	Poly[3-(3, 4-dihydroxyphenyl) glyceric acid] from Comfrey exerts anti-cancer efficacy against human prostate cancer via targeting androgen receptor, cell cycle arrest and apoptosis. <i>Carcinogenesis</i> , 2012, 33, 1572-1580.	2.8	10
11	Enantioseparation of Chiral Epoxides with Polysaccharide-Based Chiral Columns in HPLC. <i>Chromatographia</i> , 2012, 75, 839-845.	1.3	6
12	Extraction, composition and the antioxidant and anticomplement activities of high molecular weight fractions from the leaves of <i>Symphytum asperum</i> and <i>S. caucasicum</i> . <i>Pharmaceutical Chemistry Journal</i> , 2011, 44, 604-607.	0.8	7
13	Enantioselective synthesis and antioxidant activity of 3-(3,4-dihydroxyphenyl)glyceric acid-Basic monomeric moiety of a biologically active polyether from <i>Symphytum asperum</i> and <i>S. caucasicum</i> . <i>Chirality</i> , 2010, 22, 717-725.	2.6	13
14	Poly[3-(3,4-dihydroxyphenyl)glyceric Acid] from <i>Anchusa italica</i> Roots. <i>Natural Product Communications</i> , 2010, 5, 1934578X1000500.	0.5	3
15	Poly[3-(3,4-dihydroxyphenyl)glyceric acid] from <i>Anchusa italica</i> roots. <i>Natural Product Communications</i> , 2010, 5, 1091-5.	0.5	10
16	Synthesis and antimycobacterial activity of some steroidal derivatives of tigogenin. <i>Chemistry of Natural Compounds</i> , 2009, 45, 389-392.	0.8	5
17	Synthesis and antituberculosis activity of certain steroidal derivatives of the 5 $\beta$ -series. <i>Chemistry of Natural Compounds</i> , 2008, 44, 618-620.	0.8	7
18	Synthesis and antitumor activity of some 5 $\beta$ -steroid derivatives. <i>Chemistry of Natural Compounds</i> , 2008, 44, 819-820.	0.8	2

#	ARTICLE	IF	CITATIONS
19	Synthesis of 5 $\beta$ -androst-3,17-diol from tigogenin. <i>Chemistry of Natural Compounds</i> , 2007, 43, 97-99.	0.8	7
20	Synthesis of 17 $\beta$ -amino-5 $\beta$ -androst-2-ene from epiandrosterone. <i>Chemistry of Natural Compounds</i> , 2006, 42, 313-315.	0.8	5
21	Synthesis and biological activity of certain amino-derivatives of 5 $\beta$ -steroids. <i>Chemistry of Natural Compounds</i> , 2006, 42, 322-324.	0.8	7
22	Synthesis and pharmacology of 17-amino-5 $\beta$ -androstane-3-ol derivatives. <i>Pharmaceutical Chemistry Journal</i> , 1989, 23, 950-954.	0.8	0
23	Biologically Active Poly[3-(3,4-Dihydroxyphenyl)Glyceric Acid] from <i>Borago officinalis</i> (Boraginaceae). , O, , .		1