

Francesca Leonelli

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of Environmental Factors on Stilbene Biosynthesis. <i>Plants</i> , 2021, 10, 90.	3.5	82
2	The Interpretation of Diffraction Patterns of Two Prototypical Protic Ionic Liquids: a Challenging Task for Classical Molecular Dynamics Simulations. <i>Journal of Physical Chemistry B</i> , 2012, 116, 13024-13032.	2.6	60
3	Role of ionic liquids in protein refolding: native/fibrillar versus treated lysozyme. <i>RSC Advances</i> , 2012, 2, 12329.	3.6	42
4	Design, Synthesis and Applications of Hyaluronic Acid-Paclitaxel Bioconjugates. <i>Molecules</i> , 2008, 13, 360-378.	3.8	36
5	Hydrogen Bonding Features in Cholinium-Based Protic Ionic Liquids from Molecular Dynamics Simulations. <i>Journal of Physical Chemistry B</i> , 2018, 122, 2635-2645.	2.6	36
6	Interaction of a long alkyl chain protic ionic liquid and water. <i>Journal of Chemical Physics</i> , 2014, 140, 204503.	3.0	34
7	Two Different Models to Predict Ionic Liquid Diffraction Patterns: Fixed Charge versus Polarizable Potentials. <i>ChemPhysChem</i> , 2015, 16, 197-203.	2.1	28
8	A New and Simply Available Class of Hydrosoluble Bioconjugates by Coupling Paclitaxel to Hyaluronic Acid through a 4-Hydroxybutanoic Acid Derived Linker. <i>Helvetica Chimica Acta</i> , 2005, 88, 154-159.	1.6	24
9	How stereochemistry affects the physicochemical features of gemini surfactant based cationic liposomes. <i>Soft Matter</i> , 2012, 8, 5904.	2.7	23
10	Stereoselective Michael-Type Addition of Organocopper Reagents to Enones Derived from Glycals in the Synthesis of 2-Phosphono- β -C-Glycosides. <i>European Journal of Organic Chemistry</i> , 2005, 2005, 2671-2676.	2.4	22
11	Elusive 6-exo-Hydroxybicyclo[2.2.2]octan-2-ones from the Corresponding Acetates by Methanolysis in the Presence of CH ₃ ONa/La(OTf) ₃ . <i>Organic Letters</i> , 2002, 4, 2783-2785.	4.6	20
12	Novel Locally Active Estrogens Accelerate Cutaneous Wound Healing. A Preliminary Study. <i>Molecular Pharmaceutics</i> , 2009, 6, 543-556.	4.6	19
13	DPPH radical scavenging activity of paracetamol analogues. <i>Tetrahedron</i> , 2012, 68, 10180-10187.	1.9	19
14	Thermo-physical properties of ammonium-based ionic liquid + N-methyl-2-pyrrolidone mixtures at 298.15 K. <i>Fluid Phase Equilibria</i> , 2014, 383, 49-54.	2.5	19
15	Diastereoselective Total Synthesis of (+)-13-Stemarene by Fourth Generation Methods: A Formal Total Synthesis of (+)-18-Deoxystemarin. <i>Journal of Organic Chemistry</i> , 2011, 76, 6871-6876.	3.2	18
16	Inclusion of new 5-fluorouracil amphiphilic derivatives in liposome formulation for cancer treatment. <i>MedChemComm</i> , 2015, 6, 1639-1642.	3.4	18
17	Synthesis, characterization and inclusion into liposomes of a new cationic pyrenyl amphiphile. <i>Chemistry and Physics of Lipids</i> , 2016, 200, 83-93.	3.2	12
18	Targeting Serotonin 2A and Adrenergic β 1 Receptors for Ocular Antihypertensive Agents: Discovery of 3,4-Dihydropyrazino[1,2-b]indazol-1(2H)-one Derivatives. <i>ChemMedChem</i> , 2018, 13, 1597-1607.	3.2	12

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19	Regio- and Diastereoselective Synthesis and X-ray Structure Determination of (+)-2-Deoxyoryzalexin S from (+)-Podocarpic Acid. Structural Nonidentity with Its Nominal Natural Isolated Enantiomer. <i>Journal of Natural Products</i> , 2012, 75, 1944-1950.	3.0	11
20	Chiral HPLC Resolution of the Wieland-Miescher Ketone and Derivatives. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2003, 26, 409-424.	1.0	10
21	Neighboring-Group Participation in Nitrile-Forming Beckmann Fragmentation Reactions: Synthesis of Enantiopure (E)-2,3-Di-O-substituted-5-methoxy-pent-4-enitriles and Their Conversion into Pyranosylamines. <i>European Journal of Organic Chemistry</i> , 2004, 2004, 5083-5091.	2.4	10
22	(+)-Podocarpic Acid as Chiral Template in the Synthesis of Aphidicolane, Stemodane and Stemarane Diterpenoids. <i>Molecules</i> , 2016, 21, 1197.	3.8	10
23	Synthesis of (+)-13-Stemarene and (+)-18-Deoxystemarin: Expedient Preparation of the Key 6-exo-Hydroxybicyclo[2.2.2]octane Ethylene Dithioacetal. <i>Helvetica Chimica Acta</i> , 2008, 91, 598-607.	1.6	9
24	Kinetics and mechanistic study of competitive inhibition of thymidine phosphorylase by 5-fluorouracil derivatives. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 140, 121-127.	5.0	9
25	Novel Locally Active Estrogens Accelerate Cutaneous Wound Healing-Part 2. <i>Scientific Reports</i> , 2017, 7, 2510.	3.3	9
26	Stemarene Diterpenes and Diterpenoids. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2627.	4.1	9
27	Step economy in the Stereoselective Synthesis of Functionalized Oxindoles via Organocatalytic Domino/One-pot Reactions. <i>Current Organic Chemistry</i> , 2021, 25, .	1.6	9
28	A Highly Efficient and Stereocontrolled Synthesis of 2-Deoxy-1,5-thioanhydro-L-hexitols from D-Glycals in a Tandem Nucleophilic Displacement Reaction. <i>European Journal of Organic Chemistry</i> , 2006, 2006, 3097-3104.	2.4	8
29	Proof of the Structure of the <i>Stemodia chilensis</i> Tetracyclic Diterpenoid (+)-19-AcetoxySTEMODAN-12-ol by Synthesis from (+)-Podocarpic Acid: X-ray Structure Determination of a Key Intermediate. <i>Journal of Natural Products</i> , 2016, 79, 1155-1159.	3.0	8
30	Enantioselective Synthesis and X-ray Structure of (+)-((4a <i>S</i> ,5 <i>S</i> ,8 <i>S</i>)-5,8-dimethyl-7-methyleneoctahydro-2 <i>H</i> -spiro[naphthalen-1 <i>a</i> ,2 <i>c</i>]acridine[1,3]dicarboxylic acid. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 1594-1599.	2.4	8
31	Title is missing!. <i>Helvetica Chimica Acta</i> , 2002, 85, 2817-2826.	1.6	6
32	Synthesis of new 2-phosphono- β -D-glycoside derivatives by stereoselective oxa-Michael addition to a d-galacto derived enone. <i>Carbohydrate Research</i> , 2008, 343, 1133-1141.	2.3	6
33	Structural features of selected protic ionic liquids based on a super-strong base. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 25369-25378.	2.8	6
34	Application of microemulsions for the removal of synthetic resins from paintings on canvas. <i>Natural Product Research</i> , 2019, 33, 1015-1025.	1.8	6
35	Structure of anisole derivatives by total neutron and X-ray scattering: Evidences of weak C-H \cdots O and C-H \cdots C interactions in the liquid state. <i>Journal of Molecular Liquids</i> , 2020, 314, 113795.	4.9	6
36	Transamidation-based vitrimers from renewable sources. <i>Journal of Applied Polymer Science</i> , 2022, 139, .	2.6	6

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37	Glycals in Organic Synthesis: A Systematic Strategy for the Preparation of Uncommon Piperidine 1,2-Dideoxy-L-azasugars and 2-Deoxy-1,5-anhydro-L-hexitols. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 1463-1473.	2.4	5
38	An X-ray and computational study of liquid pentylammonium nitrate. <i>Chemical Physics Letters</i> , 2017, 687, 38-43.	2.6	5
39	The intramolecular aldol condensation of 3-oxocyclohexaneacetaldehydes: a useful tool in the synthesis of natural products. <i>Arkivoc</i> , 2004, 2004, 253-265.	0.5	5
40	Organocatalyst Design for the Stereoselective Annulation towards Bicyclic Diketones and Analogues. <i>Symmetry</i> , 2022, 14, 355.	2.2	5
41	A New Preparation of 1,3,3-Trimethylbicyclo[2.2.2]octan-2,6-dione, a Never Isolated Intermediate in a Total Synthesis of (+)-Norpatchoulenol. Formal Total Synthesis of (±)-Iso-Norpatchoulenol. <i>Helvetica Chimica Acta</i> , 2004, 87, 2120-2124.	1.6	4
42	Fluorescent lipid based sensor for the detection of thymidine phosphorylase as tumor biomarker. <i>Sensors and Actuators B: Chemical</i> , 2017, 245, 213-220.	7.8	3
43	X-Ray Diffraction Studies of Ionic Liquids: From Spectra to Structure and Back. <i>Soft and Biological Matter</i> , 2014, , 1-37.	0.3	3
44	Click-Connected 2-(Hydroxyimino)aldehydes for the Design of UV-Responsive Functional Molecules. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 289-294.	2.4	2
45	Stemodane Diterpenes and Diterpenoids: Isolation, Structure Elucidation, Biogenesis, Biosynthesis, Biological Activity, Biotransformations, Metabolites and Derivatives Biological Activity, Rearrangements. <i>Molecules</i> , 2021, 26, 2761.	3.8	2
46	Spectroscopic characterization of 6-hydroxy and 1-methyl-6-hydroxybicyclo[2.2.2]octan-2-one ethylene acetals and ethylene dithioacetals. <i>Magnetic Resonance in Chemistry</i> , 2007, 45, 420-423.	1.9	1
47	Unexpected Racemization in the Course of the Acetalization of (+)-(S)-5-Methyl-Wieland's Miescher Ketone with 1,2-Ethanediol and TsOH under Classical Experimental Conditions. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6147.	4.1	0