Cristina Forzato

List of Publications by Year in Descending Order

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

55 papers	783 citations	16 h-index	25 g-index
68 ext. papers	871 ext. citations	3.9 avg, IF	3.68 L-index

#	Paper	IF	Citations
55	In Vitro Anthelmintic Activity of Sea Buckthorn (Hippophae rhamnoides) Berry Juice against Gastrointestinal Nematodes of Small Ruminants. *Biology*, **2022**, 11, 825	4.9	0
54	Oleocanthal Quantification Using H NMR Spectroscopy and Polyphenols HPLC Analysis of Olive Oil from the Bianchera/Belica Cultivar. *Molecules*, **2021**, 26,	4.8	5
53	Interaction of the Coffee Diterpenes Cafestol and 16--Methyl-Cafestol Palmitates with Serum Albumins. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	3
52	Signal-On Fluorescent Imprinted Nanoparticles for Sensing of Phenols in Aqueous Olive Leaves Extracts. *Nanomaterials*, **2020**, 10,	5.4	3
51	Hydroxycinnamoyl Amino Acids Conjugates: A Chiral Pool to Distinguish Commercially Exploited spp. *Molecules*, **2020**, 25,	4.8	4
50	Fluorescent Imprinted Nanoparticles for the Effective Monitoring of Irinotecan in Human Plasma. *Nanomaterials*, **2020**, 10,	5.4	2
49	Biosensors and Sensing Systems for Rapid Analysis of Phenolic Compounds from Plants: A Comprehensive Review. *Biosensors*, **2020**, 10,	5.9	14
48	Bifunctional Behavior of a Porphyrin in Hydrogen-Bonded Donor Acceptor Molecular Chains on a Gold Surface. *Journal of Physical Chemistry C*, **2019**, 123, 7088-7096	3.8	4
47	Distribution of p-coumaroylquinic acids in commercial Coffea spp. of different geographical origin and in other wild coffee species. *Food Chemistry*, **2019**, 286, 459-466	8.5	10
46	An Efficient Synthesis of Chiral Non-Racemic Hydroxyalkanoic Acids by Olefin Cross-Metathesis Reactions. *ChemistrySelect*, **2018**, 3, 13372-13376	1.8	3
45	Aqueous extracts of walnut (Juglans regia L.) leaves: quantitative analyses of hydroxycinnamic and chlorogenic acids. *Journal of Chromatographic Science*, **2018**, 56, 753-760	1.4	6
44	Synthesis of p -coumaroylquinic acids and analysis of their interconversion. *Tetrahedron: Asymmetry* , **2017**, 28, 419-427		11
43	NMR quantification of 16-O-methylcafestol and kahweol in Coffea canephora var. robusta beans from different geographical origins. *Food Control*, **2017**, 75, 62-69	6.2	27
42	Chlorogenic Compounds from Coffee Beans Exert Activity against Respiratory Viruses. *Planta Medica*, **2017**, 83, 615-623	3.1	14
41	Isolation and characterization of major diterpenes from C. canephora roasted coffee oil. *Tetrahedron: Asymmetry*, **2016**, 27, 649-656		10
40	In Silico Design of Short Peptides as Sensing Elements for Phenolic Compounds. *ACS Sensors*, **2016**, 1, 279-286	9.2	11
39	Interaction of coffee compounds with serum albumins. Part II: Diterpenes. *Food Chemistry*, **2016**, 199, 502-8	8.5	27

38	An Easy Route to Enantiomerically Enriched 7- and 8-Hydroxy‐stearic Acids by Olefin-Metathesis-Based Approach. *Synlett*, **2016**, 27, 1354-1358	2.2	5
37	Enzymatic resolution of ‐-methyleneparaconic acids and evaluation of their biological activity. *Chirality*, **2015**, 27, 239-46	2.1	3
36	Interaction of chlorogenic acids and quinides from coffee with human serum albumin. *Food Chemistry*, **2015**, 168, 332-40	8.5	66
35	Synthesis of Mono-, Di-, and Tri-3,4-dimethoxycinnamoyl-1,5-‐quinides. *European Journal of Organic Chemistry*, **2014**, 2014, 1321-1326	3.2	9
34	Synthesis, enzymatic resolution, and stereochemical characterization of isoparaconic acid derivatives: a combined experimental and theoretical investigation. *Chirality*, **2014**, 26, 640-50	2.1	1
33	On the absolute configuration of chiral 1,4-dihydropyridazines synthesized by organocatalysed reactions. *Journal of Organic Chemistry*, **2013**, 78, 11670-9	4.2	6
32	First chemoenzymatic synthesis of (+)-2-carboxypyrrolidine-3-acetic acid, the nucleus of kainoid amino acids. *Chirality*, **2012**, 24, 112-8	2.1	3
31	Enzymatic kinetic resolution of hydroxystearic acids: A combined experimental and molecular modelling investigation. *Journal of Molecular Catalysis B: Enzymatic*, **2012**, 83, 38-45		12
30	Optically active ‐-phenylethylamine as efficient organocatalyst in the solvent-free reactions between 2,3-butanedione and conjugated nitroolefins. *Chirality*, **2012**, 24, 1005-12	2.1	2
29	The First Kinetic Enzymatic Resolution of Methyl Ester of C75. *Letters in Organic Chemistry*, **2010**, 7, 245-248		6
28	Application of 1,3-azomethine ylides derived from ‐-dicarbonyl compounds and L-proline to the synthesis of pyrrolizidines. *Journal of Heterocyclic Chemistry*, **2010**, 47, n/a-n/a	1.9	1
27	Organocatalyzed synthesis of chiral non-racemic 1,4-dihydropyridazines. *Tetrahedron: Asymmetry*, **2010**, 21, 617-622		19
26	Synthesis of optically active ‐-benzyl paraconic acids and their esters and assignment of their absolute configuration. *Tetrahedron: Asymmetry*, **2009**, 20, 313-321		11
25	Synthesis, characterization and assignment of the absolute configuration of 4,4-dimethyl-5-oxo-tetrahydrofuran-3-carboxylic acid and its esters: a combined experimental and theoretical investigation. *Tetrahedron: Asymmetry*, **2009**, 20, 1459-1467		6
24	Chemoenzymatic and yeast-catalysed synthesis of diastereomeric ethyl ‐phenyl and ‐(n-pyridyl)paraconates. *Tetrahedron: Asymmetry*, **2008**, 19, 2026-2036		7
23	Lipase-catalysed deacetylation of botryodiplodin acetate. *Tetrahedron: Asymmetry*, **2007**, 18, 447-450		1
22	Atom transfer radical cyclization (ATRC) applied to a chemoenzymatic synthesis of Quercus lactones. *Tetrahedron: Asymmetry*, **2007**, 18, 527-536		37
21	Chemoenzymatic synthesis of diastereomeric ethyl ‐benzyl paraconates and determination of the absolute configurations of their acids. *Tetrahedron: Asymmetry*, **2006**, 17, 2344-2353		18

20	Solvent effects on the conformational distribution and optical rotation of gamma-methyl paraconic acids and esters. *Chirality*, **2006**, 18, 357-69	2.1	31
19	On the reactivity of some 2-methyleneindolines with -nitroenamines, -nitroalkenes, and 1,2-diaza-1,3-butadienes. *Tetrahedron*, **2006**, 62, 6420-6434	2.4	15
18	A new and effective route to (-)-botryodiplodin and (-)-epi-botryodiplodin acetates using a halogen atom transfer Ueno-Stork cyclization. *Tetrahedron Letters*, **2006**, 47, 7759-7762	2	18
17	Optical rotation calculation of a highly flexible molecule: the case of paraconic acid. *Journal of Physical Chemistry A*, **2005**, 109, 1449-53	2.8	80
16	A study of the enantiopreference of lipase PS (Pseudomonas cepacia) towards diastereomeric dihydro-5-alkyl-4-hydroxymethyl-2(3H)-furanones. *Tetrahedron: Asymmetry*, **2005**, 16, 1091-1102		9
15	A combined experimental and computational strategy in the assignment of absolute configurations of 4-methyl-5-oxo-tetrahydrofuran-3-carboxylic acids and their esters. *Tetrahedron: Asymmetry*, **2005**, 16, 3011-3023		21
14	Bakers Yeast Reduction of PEG-Linked Acetoacetate. *Letters in Organic Chemistry*, **2005**, 2, 89-91	0.6	7
13	Chemoenzymatic synthesis of enantioenriched 5-oxo-tetrahydro-3-furancarboxylic acid derivatives. *Tetrahedron: Asymmetry*, **2004**, 15, 617-625		25
12	Nitroalkylation and nitroalkenylation reactions of -lactone enolates. A facile ring switch from polysubstituted -lactones to polysubstituted -lactams. *Tetrahedron*, **2004**, 60, 11011-11027	2.4	14
11	Synthesis of all stereoisomers of cognac lactones via microbial reduction and enzymatic resolution strategies. *Tetrahedron: Asymmetry*, **2001**, 12, 505-511		25
10	Microbial bioreductions of -and -ketoacids and their esters. *Tetrahedron: Asymmetry*, **2001**, 12, 1039-1046		39
9	Chemoenzymatic synthesis of optically active 4-methyl-tetrahydro-5-oxo-2-furancarboxylic acids and esters. *Tetrahedron: Asymmetry*, **2000**, 11, 1353-1366		9
8	Synthesis of enantiomerically pure bicyclic condensed -lactones via microbial reduction and enzymic resolution strategies. *Tetrahedron: Asymmetry*, **2000**, 11, 2599-2614		11
7	Synthesis and biological resolution of condensed bicyclic isoparaconic acid derivatives. *Journal of the Chemical Society, Perkin Transactions 1*, **2000**, 2839-2842		3
6	Baker's yeast reduction of cyclic -ketoesters: synthesis and chiroptical properties of condensed -lactones. *Tetrahedron: Asymmetry*, **1999**, 10, 1243-1254		9
5	Synthesis of (+)- and (-)-Phaseolinic Acid by Combination of Enzymatic Hydrolysis and Chemical Transformations with Revision of the Absolute Configuration of the Natural Product. *Journal of Organic Chemistry*, **1998**, 63, 2385-2388	4.2	46
4	Asymmetric resolution of diastereomeric 4-ethoxycarbonyl-5-pentyl-butyrolactones by crude PLE-mediated hydrolysis. *Journal of Molecular Catalysis B: Enzymatic*, **1997**, 3, 203-207		2
3	Baker's yeast reduction of 4-hetero-2-(2-nitroethyl)cyclohexanones. *Tetrahedron: Asymmetry*, **1997**, 8, 1811-1820		8

2	Bicyclic γ-butyrolactones. Relation between conformation of the lactone ring and chiroptical properties. *Tetrahedron: Asymmetry*, **1997**, 8, 4101-4110		20
1	A facile route to (+)- and (−)-trans-tetrahydro-5-oxo-2-pentylfuran-3-carboxylic acid, precursors of (+)- and (−)-methylenolactocin. *Chemical Communications*, **1996**, 1289-1290	5.8	23