

# Carlo Siciliano

## List of Publications by Year in descending order

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79  
papers

1,680  
citations

218677

26  
h-index

361022

35  
g-index

91  
all docs

91  
docs citations

91  
times ranked

1505  
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep Eutectic Solvents for Improving the Solubilization and Delivery of Dapsone. <i>Pharmaceutics</i> , 2022, 14, 333.	4.5	19
2	Recovery of Biophenols from Olive Vegetation Waters by Carbon Nanotubes. <i>Materials</i> , 2022, 15, 2893.	2.9	5
3	Synthesis and Antiproliferative Activity of Novel Dehydroabietic Acid-Chalcone Hybrids. <i>Molecules</i> , 2022, 27, 3623.	3.8	8
4	(Phenylseleno)acetic acid based precursor for the regiospecific synthesis of 1-phenylseleno-2-alkanones*. <i>Synthetic Communications</i> , 2022, 52, 1318-1325.	2.1	0
5	Semi-Continuous Adsorption Processes with Multi-Walled Carbon Nanotubes for the Treatment of Water Contaminated by an Organic Textile Dye. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 1687.	2.5	19
6	The Role of Carbon Nanotube Pretreatments in the Adsorption of Benzoic Acid. <i>Materials</i> , 2021, 14, 2118.	2.9	16
7	Analytical Strategy for MS-Based Thanatochemistry to Estimate Postmortem Interval. <i>Journal of Proteome Research</i> , 2021, 20, 2607-2617.	3.7	8
8	A rapid MALDI MS/MS based method for assessing saffron ( <i>Crocus sativus</i> L.) adulteration. <i>Food Chemistry</i> , 2020, 307, 125527.	8.2	42
9	Breakthroughs in Medicinal Chemistry: New Targets and Mechanisms, New Drugs, New Hopesâ€™6. <i>Molecules</i> , 2020, 25, 119.	3.8	8
10	Cloning, Purification, and Characterization of the Catalytic C-Terminal Domain of the Human 3-Hydroxy-3-methyl glutaryl-CoA Reductase: An Effective, Fast, and Easy Method for Testing Hypocholesterolemic Compounds. <i>Molecular Biotechnology</i> , 2020, 62, 119-131.	2.4	11
11	Chemoselective and metal-free reduction of $\alpha,\beta$ -unsaturated ketones by <i>in situ</i> produced benzeneselenol from <i>tert</i> -butyl Se-phenyl selenocarbonate. <i>RSC Advances</i> , 2020, 10, 33706-33717.	3.6	6
12	2,3-Diaminopropanols Obtained from d-Serine as Intermediates in the Synthesis of Protected 2,3-l-Diaminopropanoic Acid (l-Dap) Methyl Esters. <i>Molecules</i> , 2020, 25, 1313.	3.8	9
13	Adsorption of Reactive Blue 116 Dye and Reactive Yellow 81 Dye from Aqueous Solutions by Multi-Walled Carbon Nanotubes. <i>Materials</i> , 2020, 13, 2757.	2.9	17
14	Protein Extraction, Enrichment and MALDI MS and MS/MS Analysis from Bitter Orange Leaves ( <i>Citrus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 T	3.8	21
15	Breakthroughs in Medicinal Chemistry: New Targets and Mechanisms, New Drugs, New Hopesâ€™5. <i>Molecules</i> , 2019, 24, 2415.	3.8	5
16	Preparation of ETS-10 Microporous Phase Pellets with Color Change Properties. <i>Gels</i> , 2019, 5, 42.	4.5	7
17	Water Contaminated by Industrial Textile Dye: Study on Decolorization Process. <i>Environments - MDPI</i> , 2019, 6, 101.	3.3	15
18	Removal of unleaded gasoline from water by multi-walled carbon nanotubes. <i>Journal of Environmental Management</i> , 2019, 237, 636-643.	7.8	40

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19	Breakthroughs in Medicinal Chemistry: New Targets and Mechanisms, New Drugs, New Hopesâ€“4. <i>Molecules</i> , 2019, 24, 130.	3.8	4
20	One-Pot Analysis: a New Integrated Methodology for Determination of TAG and FA Determination through LC/MS and in-silico Saponification. <i>Food Analytical Methods</i> , 2018, 11, 873-882.	2.6	11
21	Molecular species fingerprinting and quantitative analysis of saffron ( <i>Crocus sativus</i> L.) for quality control by MALDI mass spectrometry. <i>RSC Advances</i> , 2018, 8, 36104-36113.	3.6	31
22	Exploration of synthetic strategies for the stereoselective preparation of novel tetrahydrofuran-containing biaryls: A high-pressure promoted Diels-Alder approach. <i>Tetrahedron</i> , 2018, 74, 6534-6543.	1.9	13
23	Breakthroughs in Medicinal Chemistry: New Targets and Mechanisms, New Drugs, New Hopes-3. <i>Molecules</i> , 2018, 23, 1596.	3.8	1
24	Breakthroughs in Medicinal Chemistry: New Targets and Mechanisms, New Drugs, New Hopesâ€“2. <i>Molecules</i> , 2018, 23, 65.	3.8	2
25	Human coelomic fluid investigation: A MS-based analytical approach to prenatal screening. <i>Scientific Reports</i> , 2018, 8, 10973.	3.3	28
26	Study of the coordination of ortho-tyrosine and trans-4-hydroxyproline with aluminum(III) and iron(III). <i>Journal of Molecular Liquids</i> , 2018, 269, 387-397.	4.9	36
27	General, Mild, and Metal-Free Synthesis of Phenyl Selenoesters from Anhydrides and Their Use in Peptide Synthesis. <i>Journal of Organic Chemistry</i> , 2017, 82, 4588-4603.	3.2	66
28	PREPARATION AND CHARACTERIZATION OF NATURAL GLUES WITH CARBON NANOTUBES. <i>Environmental Engineering and Management Journal</i> , 2017, 16, 1659-1671.	0.6	16
29	N-Methylated $\hat{\pm}$ -Amino Acids And Peptides: Synthesis And Biological Activity. <i>Mini-Reviews in Medicinal Chemistry</i> , 2016, 16, 683-690.	2.4	56
30	Chemoselective Protection of Glutathione in the Preparation of Bioconjugates: The Case of Trypanothione Disulfide. <i>Journal of Organic Chemistry</i> , 2016, 81, 4353-4358.	3.2	17
31	New access to 4-aryl[2,2]paracyclophanes by high-pressure Dielsâ€“Alder reaction. <i>Tetrahedron Letters</i> , 2016, 57, 917-919.	1.4	10
32	Lewis acid catalysed methylation of <i>N</i> - $\hat{\pm}$ -(9H-fluoren-9-yl)methanesulfonyl (Fms) protected lipophilic $\hat{\pm}$ -amino acid methyl esters. <i>Journal of Peptide Science</i> , 2015, 21, 644-650.	1.4	7
33	A major allergen in rainbow trout ( <i>Oncorhynchus mykiss</i> ): complete sequences of parvalbumin by MALDI tandem mass spectrometry. <i>Molecular BioSystems</i> , 2015, 11, 2373-2382.	2.9	43
34	A unified strategy for the synthesis of three conical marine natural products. <i>Tetrahedron</i> , 2015, 71, 3253-3262.	1.9	29
35	Silver acetate-assisted formation of amides from acyl chlorides. <i>Tetrahedron Letters</i> , 2015, 56, 199-202.	1.4	11
36	N-hydroxysuccinimidyl <i>p</i> -methoxybenzoate as suitable derivative reagent for isotopic dilution assay of biogenic amines in food. <i>Journal of Mass Spectrometry</i> , 2014, 49, 802-810.	1.6	32

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37	Stereoselective Synthesis of Dithia[3.3]cyclophane <i>S</i> - <i>S</i> -Dioxides with Planar and Central Chirality. <i>European Journal of Organic Chemistry</i> , 2014, 2099-2104.	2.4	18
38	Synthesis of <i>d</i> -erythro-Sphinganine through Serine-Derived $\hat{\pm}$ -Amino Epoxides. <i>Journal of Organic Chemistry</i> , 2014, 79, 5320-5326.	3.2	32
39	Deprotection/reprotection of the amino group in $\hat{\pm}$ -amino acids and peptides. A one-pot procedure in [Bmim][BF <sub>4</sub> ] ionic liquid. <i>RSC Advances</i> , 2014, 4, 2678-2686.	3.6	28
40	Intramolecular Displacement of Phenylselenone by a Hydroxy Group: Stereoselective Synthesis of 2-Substituted Tetrahydrofurans. <i>Organic Letters</i> , 2013, 15, 3906-3909.	4.6	23
41	Quantitative determination of fatty acid chain composition in pork meat products by high resolution 1H NMR spectroscopy. <i>Food Chemistry</i> , 2013, 136, 546-554.	8.2	86
42	Synthesis of enantiopure sugar-decorated six-armed triptycene derivatives. <i>Beilstein Journal of Organic Chemistry</i> , 2013, 9, 2410-2416.	2.2	6
43	A One-Pot Procedure for the Preparation of <i>N</i> -9-Fluorenylmethyloxycarbonyl- $\hat{\pm}$ -amino Diazoketones from $\hat{\pm}$ -Amino Acids. <i>Journal of Organic Chemistry</i> , 2012, 77, 10575-10582.	3.2	26
44	Simultaneous extraction and derivatization of amino acids and free fatty acids in meat products. <i>Journal of Chromatography A</i> , 2012, 1241, 96-102.	3.7	32
45	Dry Fermented Sausages of Southern Italy: A Comparison of Free Amino Acids and Biogenic Amines between Industrial and Homemade Products. <i>Journal of Food Science</i> , 2012, 77, S170-5.	3.1	10
46	Transformations of 3 $\alpha$ -Hydroxy Steroids with Lewis and Anhydrous Protic Acids: The Case of Pregn-4 $\alpha$ -en-20 $\beta$ -triol. <i>Chemical Biology and Drug Design</i> , 2011, 78, 269-276.	3.2	4
47	<i>N</i> -Alkylation of <i>N</i> -arylsulfonyl- $\hat{\pm}$ -amino acid methyl esters by trialkyloxonium tetrafluoroborates. <i>Tetrahedron</i> , 2011, 67, 9708-9714.	1.9	29
48	A preparation of <i>N</i> -Fmoc- <i>N</i> -methyl- $\hat{\pm}$ -amino acids and <i>N</i> -nosyl- <i>N</i> -methyl- $\hat{\pm}$ -amino acids. <i>Amino Acids</i> , 2010, 38, 133-143.	2.7	28
49	A new non-natural arginine-like amino acid derivative with a sulfamoyl group in the side-chain. <i>Amino Acids</i> , 2010, 38, 691-700.	2.7	25
50	Methylation of $\hat{\pm}$ -Amino Acids and Derivatives Using Trimethylsilyldiazomethane. <i>Chemical Biology and Drug Design</i> , 2009, 73, 287-291.	3.2	8
51	Extraction of Quinolizidine Alkaloids in Non Aqueous Basic Conditions: The Case of <i>Spartium junceum</i> Flowers. <i>Chromatographia</i> , 2008, 68, 345-349.	1.3	4
52	Comparison of the Volatile Constituents in Cold-Pressed Bergamot Oil and a Volatile Oil Isolated by Vacuum Distillation. <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 7847-7851.	5.2	40
53	<i>N</i> -Methyl- <i>N</i> -nosyl- $\hat{\pm}$ -amino Acids. <i>Journal of Organic Chemistry</i> , 2007, 72, 4798-4802.	3.2	28
54	D-homoannulation of 17 $\hat{\pm}$ ,21-dihydroxy-20-keto steroids (corticosteroids). <i>Steroids</i> , 2006, 71, 1091-1096.	1.8	4

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55	Determination by gas chromatography/mass spectrometry of p-phenylenediamine in hair dyes after conversion to an imine derivative. <i>Journal of Chromatography A</i> , 2005, 1066, 143-148.	3.7	58
56	Optically Pure N-Hydroxy-O-triisopropylsilyl- $\beta$ -l-amino Acid Methyl Esters from AlCl <sub>3</sub> -Assisted Ring Opening of Chiral Oxaziridines by Nitrogen Containing Nucleophiles. <i>Journal of Organic Chemistry</i> , 2005, 70, 10494-10501.	3.2	20
57	Synthesis of Chiral Nitrones from N-Fmoc Amino Acids and N-Fmoc Dipeptides. <i>Synthetic Communications</i> , 2004, 34, 3325-3334.	2.1	2
58	TMC-95A Analogues with Endocyclic Biphenyl Ether Group as Proteasome Inhibitors. <i>Chemistry and Biodiversity</i> , 2004, 1, 161-173.	2.1	43
59	Highly Stereoselective Conversion of Aryl Peptidyl Ketones into the Corresponding Peptide Alcohols. <i>European Journal of Organic Chemistry</i> , 2004, 2004, 463-467.	2.4	8
60	Alternative and Chemoselective Deprotection of the $\alpha$ -Amino and Carboxy Functions of N-Fmoc-Amino Acid and N-Fmoc-Dipeptide Methyl Esters by Modulation of the Molar Ratio in the AlCl <sub>3</sub> /N,N-Dimethylaniline Reagent System. <i>European Journal of Organic Chemistry</i> , 2004, 2004, 4437-4441.	2.4	20
61	Binding Mode of TMC-95A Analogues to Eukaryotic 20S Proteasome. <i>ChemBioChem</i> , 2004, 5, 1256-1266.	2.6	47
62	Quantitative analysis of human salivary glucose by gas chromatography-mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2004, 801, 355-358.	2.3	19
63	$\alpha$ -Methylation of N-Nosyl- $\beta$ -l-amino Acid Methyl Esters with Diazomethane and Their Coupling To Prepare N-Methyl Dipeptides. <i>Journal of Organic Chemistry</i> , 2003, 68, 7416-7421.	3.2	50
64	A straightforward chemical synthesis of 17-ketosteroids by cleavage of the C-17-dihydroxy acetone side chain in corticosteroids. <i>Steroids</i> , 2003, 68, 139-142.	1.8	11
65	Synthesis of a TMC-95A Ketomethylene Analogue by Cyclization via Intramolecular Suzuki Coupling. <i>Organic Letters</i> , 2003, 5, 3435-3437.	4.6	55
66	Highly Stereoselective Synthesis of Optically Pure C-Aryl Imines from $\beta$ -l-Amino Acid Methyl Esters. <i>Synthetic Communications</i> , 2003, 33, 4331-4338.	2.1	7
67	Facile Approach to Enantiomerically Pure $\beta$ -Amino Ketones by Friedel-Crafts Aminoacylation and Their Conversion into Peptidyl Ketones. <i>Journal of Organic Chemistry</i> , 2001, 66, 7002-7007.	3.2	30
68	Site Selectivity in the Synthesis of O-Methylated Hydroxamic Acids with Diazomethane. <i>Journal of Organic Chemistry</i> , 2001, 66, 2246-2250.	3.2	25
69	A facile approach to steroidal 20-hydroxy-17(20)-en-21-aldehydes: important intermediates in the biological 17-dehydroxylation of C-17 dihydroxyacetone steroids. <i>Tetrahedron Letters</i> , 2001, 42, 7413-7415.	1.4	8
70	Structural characterization of isoxazolidinyl nucleosides by fast atom bombardment tandem mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2001, 36, 1220-1225.	1.6	7
71	Simple and efficient routes for the preparation of isoxazolidinyl nucleosides containing cytosine and 5-methyl-cytosine as new potential anti-HIV drugs. <i>Tetrahedron</i> , 2001, 57, 8551-8557.	1.9	29
72	New Strategies for an Efficient Removal of the 9-Fluorenylmethoxycarbonyl (Fmoc) Protecting Group in the Peptide Synthesis. <i>European Journal of Organic Chemistry</i> , 2000, 2000, 573-575.	2.4	21

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73	A simple procedure for the development of acid-labile protecting groups on position 2 and 3 of methyl $\beta$ -D-glucopyranoside. <i>Tetrahedron Letters</i> , 1999, 40, 1013-1014.	1.4	9
74	Synthesis of Isoxazolidino Analogues of 2 $\beta$ ,3 $\beta$ -Dideoxynucleosides. <i>Nucleosides &amp; Nucleotides</i> , 1999, 18, 581-583.	0.5	9
75	Model studies towards the synthesis of 4 $\beta$ -azaerythrofuranosyladenines as analogues of the antiviral drug 2 $\beta$ ,3 $\beta$ -dideoxyadenosine (ddA). <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1997, , 3097-3100.	0.9	22
76	A Novel Class of 4 $\beta$ -Aza Analogues of 2 $\beta$ ,3 $\beta$ -Dideoxynucleosides as Potential Anti-HIV Drugs. <i>Nucleosides &amp; Nucleotides</i> , 1997, 16, 1515-1518.	0.5	18
77	Synthesis of 4 $\beta$ -aza analogues of 2 $\beta$ ,3 $\beta$ -dideoxythymidine by 1,3-dipolar cycloadditions of nitrones to 1-N-vinyl-thymine. <i>Tetrahedron Letters</i> , 1996, 37, 1277-1280.	1.4	46
78	Synthesis of Two 6-N-Protected 9-N-Vinyladenines as Dipolarophiles in the Synthesis of Modified Nucleosides. <i>Synthetic Communications</i> , 1996, 26, 4211-4217.	2.1	11
79	Formation by fast atom bombardment of molecular radical cations by electron donor-acceptor complexes from tosylated amino acid esters. <i>Journal of Mass Spectrometry</i> , 1995, 30, 1284-1290.	1.6	5