Maria Luisa Di Gioia

List of Publications by Year
in descending order

80 papers	1,901 citations	236925 25 h-index	330143 37 g-index
96 all docs	96 docs citations	96 times ranked	2091 citing authors

#	Article	IF	Citations
1	The Food Contaminants Bisphenol A and 4-Nonylphenol Act as Agonists for Estrogen Receptor Î± in MCF7 Breast Cancer Cells. Endocrine, 2003, 22, 275-284.	2.2	95
2	Quantitative determination of fatty acid chain composition in pork meat products by high resolution 1H NMR spectroscopy. Food Chemistry, 2013, 136, 546-554.	8.2	86
3	One-pot synthesis of amides from carboxylic acids activated using thionyl chloride. RSC Advances, 2016, 6, 34468-34475.	3.6	64
4	Natural Deep Eutectic Solvent as Extraction Media for the Main Phenolic Compounds from Olive Oil Processing Wastes. Antioxidants, 2020, 9, 513.	5.1	62
5	Determination by gas chromatography/mass spectrometry of p-phenylenediamine in hair dyes after conversion to an imine derivative. Journal of Chromatography A, 2005, 1066, 143-148.	3.7	58
6	N-Methylated Î±-Amino Acids And Peptides: Synthesis And Biological Activity. Mini-Reviews in Medicinal Chemistry, 2016, 16, 683-690.	2.4	56
7	Water excellent solvent for the synthesis of bifunctionalized cyclopentenones from furfural. Green Chemistry, 2017, 19, 5403-5411.	9.0	55
8	â€œOne-Potâ€•Methylation ofN-Nosyl-Î±-amino Acid Methyl Esters with Diazomethane and Their Coupling To PrepareN-Methyl Dipeptides. Journal of Organic Chemistry, 2003, 68, 7416-7421.	3.2	50
9	Biorenewable Deep Eutectic Solvent for Selective and Scalable Conversion of Furfural into Cyclopentenone Derivatives. Molecules, 2018, 23, 1891.	3.8	47
10	Valorization of Tomato Waste as a Source of Carotenoids. Molecules, 2021, 26, 5062.	3.8	47
11	Comparison of the Volatile Constituents in Cold-Pressed Bergamot Oil and a Volatile Oil Isolated by Vacuum Distillation. Journal of Agricultural and Food Chemistry, 2007, 55, 7847-7851.	5.2	40
12	Quercetin/oleic acid-based G-protein-coupled receptor 40Âligands as new insulin secretion modulators. Future Medicinal Chemistry, 2017, 9, 1873-1885.	2.3	40
13	Green Synthesis of Privileged Benzimidazole Scaffolds Using Active Deep Eutectic Solvent. Molecules, 2019, 24, 2885.	3.8	40
14	Synthesis of <scp>d</scp>-erythro-Sphinganine through Serine-Derived Î±-Amino Epoxides. Journal of Organic Chemistry, 2014, 79, 5320-5326.	3.2	32
15	Regioselective synthesis of 1,5-disubstituted 1,2,3-triazoles by 1,3-dipolar cycloaddition: Role of Er(OTf)3, ionic liquid and water. Tetrahedron Letters, 2019, 60, 672-674.	1.4	32
16	Synthesis of 1,5-Functionalized 1,2,3-Triazoles Using Ionic Liquid/Iron(III) Chloride as an Efficient and Reusable Homogeneous Catalyst. Catalysts, 2018, 8, 364.	3.5	31
17	Facile Approach to Enantiomerically Pure Î±-Amino Ketones by Friedelâ^'Crafts Aminoacylation and Their Conversion into Peptidyl Ketones. Journal of Organic Chemistry, 2001, 66, 7002-7007.	3.2	30
18	N-Methylation of Peptides on Selected Positions during the Elongation of the Peptide Chain in Solution Phase. Journal of Organic Chemistry, 2005, 70, 3892-3897.	3.2	29

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19	N-Alkylation of N-arylsulfonyl-Î±-amino acid methyl esters by trialkyloxonium tetrafluoroborates. Tetrahedron, 2011, 67, 9708-9714.	1.9	29
20	A unified strategy for the synthesis of three conicol marine natural products. Tetrahedron, 2015, 71, 3253-3262.	1.9	29
21	Simple and efficient Fmoc removal in ionic liquid. RSC Advances, 2017, 7, 36482-36491.	3.6	29
22	N-Methyl-N-nosyl-Î²3-amino Acids. Journal of Organic Chemistry, 2007, 72, 4798-4802.	3.2	28
23	A preparation of N-Fmoc-N-methyl-Î±-amino acids and N-nosyl-N-methyl-Î±-amino acids. Amino Acids, 2010, 38, 133-143.	2.7	28
24	Deprotection/reprotection of the amino group in Î±-amino acids and peptides. A one-pot procedure in [Bmim][BF4] ionic liquid. RSC Advances, 2014, 4, 2678-2686.	3.6	28
25	Green solvents for the formation of amide linkages. Organic and Biomolecular Chemistry, 2022, 20, 1137-1149.	2.8	26
26	A new non-natural arginine-like amino acid derivative with a sulfamoyl group in the side-chain. Amino Acids, 2010, 38, 691-700.	2.7	25
27	Synthesis and characterization of novel chitosan-dopamine or chitosan-tyrosine conjugates for potential nose-to-brain delivery. International Journal of Pharmaceutics, 2020, 589, 119829.	5.2	25
28	An Overview of the Latest Advances in the Catalytic Synthesis of Glycerol Carbonate. Catalysts, 2022, 12, 50.	3.5	25
29	Nitrones and nucleobase-containing spiro-isoxazolidines derived from isatin and indanone: solvent-free microwave-assisted stereoselective synthesis and theoretical calculations. RSC Advances, 2017, 7, 48980-48988.	3.6	24
30	Selective Acetylation of Small Biomolecules and Their Derivatives Catalyzed by Er(OTf)3. Catalysts, 2017, 7, 269.	3.5	24
31	Solid-Phase Synthesis ofN-Nosyl- andN-Fmoc-N-Methyl-Î±-amino Acids. Journal of Organic Chemistry, 2007, 72, 3723-3728.	3.2	23
32	N-Nosyl-Î±-amino acids in solution phase peptide synthesis. Tetrahedron, 2007, 63, 8164-8173.	1.9	23
33	Intramolecular Displacement of Phenylselenone by a Hydroxy Group: Stereoselective Synthesis of 2-Substituted Tetrahydrofurans. Organic Letters, 2013, 15, 3906-3909.	4.6	23
34	Gel-Based Materials for Ophthalmic Drug Delivery. Gels, 2021, 7, 130.	4.5	23
35	First multicomponent reaction exploiting glycerol carbonate synthesis. Journal of Cleaner Production, 2018, 202, 504-509.	9.3	22
36	An efficient and highly selective deprotection of N-Fmoc-alpha-amino acid and lipophilic N-Fmoc-dipeptide methyl esters with aluminium trichloride and N,N-dimethylaniline. Chemical Biology and Drug Design, 2004, 63, 383-387.	1.1	21

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37	SPE?GC?MS Analysis of Chloroform in Drinking Water. Chromatographia, 2004, 60, 319.	1.3	20
38	Alternative and Chemoselective Deprotection of the ?-Amino and Carboxy Functions ofN-Fmoc-Amino Acid andN-Fmoc-Dipeptide Methyl Esters by Modulation of the Molar Ratio in the AlCl3/N,N-Dimethylaniline Reagent System. European Journal of Organic Chemistry, 2004, 2004, 4437-4441.	2.4	20
39	Optically PureN-Hydroxy-O-triisopropylsilyl-Î±-l-amino Acid Methyl Esters from AlCl3-Assisted Ring Opening of Chiral Oxaziridines by Nitrogen Containing Nucleophiles. Journal of Organic Chemistry, 2005, 70, 10494-10501.	3.2	20
40	Synthesis, Biological and In Silico Evaluation of Pure Nucleobase-Containing Spiro (Indane-Isoxazolidine) Derivatives as Potential Inhibitors of MDM2â€“p53 Interaction. Molecules, 2019, 24, 2909.	3.8	20
41	Quantitative analysis of human salivary glucose by gas chromatographyâ€“mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2004, 801, 355-358.	2.3	19
42	Deep Eutectic Solvents for Improving the Solubilization and Delivery of Dapsone. Pharmaceutics, 2022, 14, 333.	4.5	19
43	Stereoselective Synthesis of Dithia[3.3]cyclophane S,Sâ€²â€Dioxides with Planar and Central Chirality. European Journal of Organic Chemistry, 2014, 2014, 2099-2104.	2.4	18
44	A simple synthesis of anilines by LiAlH4/TiCl4 reduction of aromatic nitro compounds. Tetrahedron Letters, 2015, 56, 5341-5344.	1.4	18
45	An eco-friendly tandem tosylation/Ferrier N -glycosylation of amines catalyzed by Er(OTf) 3 in 2-MeTHF. Tetrahedron Letters, 2017, 58, 1721-1726.	1.4	18
46	Hemostatic gauze based on chitosan and hydroquinone: preparation, characterization and blood coagulation evaluation. Journal of Materials Science: Materials in Medicine, 2017, 28, 190.	3.6	18
47	Montmorillonite K10-Catalyzed Solvent-Free Conversion of Furfural into Cyclopentenones. Catalysts, 2019, 9, 301.	3.5	18
48	Production of Plant-Derived Oleuropein Aglycone by a Combined Membrane Process and Evaluation of Its Breast Anticancer Properties. Frontiers in Bioengineering and Biotechnology, 2020, 8, 908.	4.1	18
49	N-Urethane protection of amines and amino acids in an ionic liquid. RSC Advances, 2015, 5, 63407-63420.	3.6	17
50	Efficient synthesis of organic thioacetates in water. Organic and Biomolecular Chemistry, 2018, 16, 7753-7759.	2.8	17
51	Synthesis and preliminary evaluation of the anti-cancer activity on A549 lung cancer cells of a series of unsaturated disulfides. MedChemComm, 2019, 10, 116-119.	3.4	17
52	Biochemical and chemical characterization of Cynara cardunculus L. extract and its potential use as co-adjuvant therapy of chronic myeloid leukemia. Journal of Ethnopharmacology, 2017, 202, 184-191.	4.1	16
53	Antiproliferative activity of novel isatinyl/indanyl nitrones (INs) as potential spin trapping agents of free radical intermediates. MedChemComm, 2018, 9, 299-304.	3.4	16
54	Erbium Salts as Non-Toxic Catalysts Compatible with Alternative Reaction Media. Sustainability, 2018, 10, 721.	3.2	16

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55	Nâ€(4â€Nitrophenylsulfonyl)â€•and Nâ€(Fluorenylmethoxycarbonyl)â€Nâ€ethyl Amino Acid Methyl Esters â€“ A Practical Approach. European Journal of Organic Chemistry, 2010, 2010, 4245-4252.	2.4	15
56	Combined Ultrasound/Microwave Chemocatalytic Method for Selective Conversion of Cellulose into Lactic Acid. Scientific Reports, 2019, 9, 18858.	3.3	15
57	Deprotection of Nâ€Nosylâ€Îˆâ€amino Acids by Using Solidâ€Supported Mercaptoacetic Acid. European Journal of Organic Chemistry, 2009, 2009, 3795-3800.	2.4	13
58	Reduction of amide carbonyl group and formation of modified amino acids and dipeptides. Tetrahedron Letters, 2015, 56, 2062-2066.	1.4	13
59	Novel Nanoparticles Based on N,O-Carboxymethyl Chitosan-Dopamine Amide Conjugate for Nose-to-Brain Delivery. Pharmaceutics, 2022, 14, 147.	4.5	13
60	Nose-to-brain delivery: A comparative study between carboxymethyl chitosan based conjugates of dopamine. International Journal of Pharmaceutics, 2021, 599, 120453.	5.2	12
61	A straightforward chemical synthesis of 17-ketosteroids by cleavage of the C-17-dihydroxy acetone side chain in corticosteroids. Steroids, 2003, 68, 139-142.	1.8	11
62	Silver acetate-assisted formation of amides from acyl chlorides. Tetrahedron Letters, 2015, 56, 199-202.	1.4	11
63	Aromatherapy: composition of the gaseous phase at equilibrium with liquid bergamot essential oil. Chemistry Central Journal, 2017, 11, 111.	2.6	11
64	Eco-Friendly Synthesis of Lipophilic EGCG Derivatives and Antitumor and Antioxidant Evaluation. Natural Product Communications, 2018, 13, 1934578X1801300.	0.5	11
65	Semi-synthesis as a tool for broadening the health applications of bioactive olive secoiridoids: a critical review. Natural Product Reports, 2021, 38, 444-469.	10.3	11
66	Occurrence of Organic Compounds in the Thermal Sulfurous Waters of Calabria, Italy. Chromatographia, 2006, 63, 585-590.	1.3	10
67	Dry Fermented Sausages of Southern Italy: A Comparison of Free Amino Acids and Biogenic Amines between Industrial and Homemade Products. Journal of Food Science, 2012, 77, S170-5.	3.1	10
68	GC/MS Analysis of Fatty Acids in Italian Dry Fermented Sausages. The Open Food Science Journal, 2015, 9, 5-13.	1.0	10
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. Tetrahedron Letters, 2001, 42, 7413-7415.	1.4	8
70	Lewis acid catalysed methylation of Nâ€(9Hâ€fluorenâ€9â€yl)methanesulfonyl (Fms) protected lipophilic Î±â€amino acid methyl esters. Journal of Peptide Science, 2015, 21, 644-650.	1.4	7
71	A Convenient Method for the Stereoselective Conversion of Aryl Peptidyl Ketones into the Corresponding Aryl Aminomethin Derivatives, A Novel Class of Modified Peptides. Protein and Peptide Letters, 2005, 12, 357-362.	0.9	6
72	Synthesis of enantiopure sugar-decorated six-armed triptycene derivatives. Beilstein Journal of Organic Chemistry, 2013, 9, 2410-2416.	2.2	6

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73	Extraction of Quinolizidine Alkaloids in Non Aqueous Basic Conditions: The Case of Spartium junceum Flowers. Chromatographia, 2008, 68, 345-349.	1.3	4
74	In vitro anti-proliferative and anti-bacterial properties of new C7 benzoate derivatives of pinocembrin. Natural Product Research, 2021, 35, 1783-1791.	1.8	4
75	Steroidal seven-membered A-ring epoxy lactones by oxidation of the corresponding Î”4-3-ketosteroids. Steroids, 2006, 71, 116-119.	1.8	3
76	Multifunctional Membranes Based on Î²-Glucans and Chitosan Useful in Wound Treatment. Membranes, 2022, 12, 121.	3.0	3
77	Synthesis of Chiral Nitrones from Nâ€Fmoc Amino Acids and Nâ€Fmoc Dipeptides. Synthetic Communications, 2004, 34, 3325-3334.	2.1	2
78	Reduction of N-Methoxy-N-Methylamides to the Corresponding Amines with AlCl3/LiAlH4. Letters in Organic Chemistry, 2006, 3, 468-469.	0.5	2
79	Deprotection of the N-Nosyl Group with a Thiol Resin. Synfacts, 2009, 2009, 1176-1176.	0.0	1
80	Sesquiterpene Lactone Cynaropicrin as Novel Inhibitor of Bcr-Abl Fusion Oncogene Expression. Frontiers in Natural Product Chemistry, 2019, , 39-54.	0.2	0