# Maria Luisa Di Gioia

List of Publications by Year
in descending order



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|---|---|---|---|
| 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 | Green solvents for the formation of amide linkages. Organic and Biomolecular Chemistry, 2022, 20, 1137-1149. | 2.8 | 26 |
| 2 | Multifunctional Membranes Based on Î²-Glucans and Chitosan Useful in Wound Treatment. Membranes, 2022, 12, 121. | 3.0 | 3 |
| 3 | An Overview of the Latest Advances in the Catalytic Synthesis of Glycerol Carbonate. Catalysts, 2022, 12, 50. | 3.5 | 25 |
| 4 | Novel Nanoparticles Based on N,O-Carboxymethyl Chitosan-Dopamine Amide Conjugate for Nose-to-Brain Delivery. Pharmaceutics, 2022, 14, 147. | 4.5 | 13 |
| 5 | Deep Eutectic Solvents for Improving the Solubilization and Delivery of Dapsone. Pharmaceutics, 2022, 14, 333. | 4.5 | 19 |
| 6 | 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 |
| 7 | 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 |
| 8 | Nose-to-brain delivery: A comparative study between carboxymethyl chitosan based conjugates of dopamine. International Journal of Pharmaceutics, 2021, 599, 120453. | 5.2 | 12 |
| 9 | Gel-Based Materials for Ophthalmic Drug Delivery. Gels, 2021, 7, 130. | 4.5 | 23 |
| 10 | Valorization of Tomato Waste as a Source of Carotenoids. Molecules, 2021, 26, 5062. | 3.8 | 47 |
| 11 | 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 |
| 12 | 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 |
| 13 | Natural Deep Eutectic Solvent as Extraction Media for the Main Phenolic Compounds from Olive Oil Processing Wastes. Antioxidants, 2020, 9, 513. | 5.1 | 62 |
| 14 | Green Synthesis of Privileged Benzimidazole Scaffolds Using Active Deep Eutectic Solvent. Molecules, 2019, 24, 2885. | 3.8 | 40 |
| 15 | 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 |
| 16 | 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 |
| 17 | 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 |
| 18 | Montmorillonite K10-Catalyzed Solvent-Free Conversion of Furfural into Cyclopentenones. Catalysts, 2019, 9, 301. | 3.5 | 18 |

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|---|---|---|---|
| 19 | Combined Ultrasound/Microwave Chemocatalytic Method for Selective Conversion of Cellulose into Lactic Acid. Scientific Reports, 2019, 9, 18858. | 3.3 | 15 |
| 20 | Sesquiterpene Lactone Cynaropicrin as Novel Inhibitor of Bcr-Abl Fusion Oncogene Expression. Frontiers in Natural Product Chemistry, 2019, , 39-54. | 0.2 | 0 |
| 21 | 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 |
| 22 | Eco-Friendly Synthesis of Lipophilic EGCG Derivatives and Antitumor and Antioxidant Evaluation. Natural Product Communications, 2018, 13, 1934578X1801300. | 0.5 | 11 |
| 23 | Efficient synthesis of organic thioacetates in water. Organic and Biomolecular Chemistry, 2018, 16, 7753-7759. | 2.8 | 17 |
| 24 | Biorenewable Deep Eutectic Solvent for Selective and Scalable Conversion of Furfural into Cyclopentenone Derivatives. Molecules, 2018, 23, 1891. | 3.8 | 47 |
| 25 | Erbium Salts as Non-Toxic Catalysts Compatible with Alternative Reaction Media. Sustainability, 2018, 10, 721. | 3.2 | 16 |
| 26 | First multicomponent reaction exploiting glycerol carbonate synthesis. Journal of Cleaner Production, 2018, 202, 504-509. | 9.3 | 22 |
| 27 | 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 |
| 28 | 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 |
| 29 | 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 |
| 30 | Quercetin/oleic acid-based G-protein-coupled receptor 40Âligands as new insulin secretion modulators. Future Medicinal Chemistry, 2017, 9, 1873-1885. | 2.3 | 40 |
| 31 | 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 |
| 32 | Water excellent solvent for the synthesis of bifunctionalized cyclopentenones from furfural. Green Chemistry, 2017, 19, 5403-5411. | 9.0 | 55 |
| 33 | Simple and efficient Fmoc removal in ionic liquid. RSC Advances, 2017, 7, 36482-36491. | 3.6 | 29 |
| 34 | 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 |
| 35 | Selective Acetylation of Small Biomolecules and Their Derivatives Catalyzed by Er(OTf)3. Catalysts, 2017, 7, 269. | 3.5 | 24 |
| 36 | Aromatherapy: composition of the gaseous phase at equilibrium with liquid bergamot essential oil. Chemistry Central Journal, 2017, 11, 111. | 2.6 | 11 |

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|---|---|---|---|
| 37 | N-Methylated Î±-Amino Acids And Peptides: Synthesis And Biological Activity. Mini-Reviews in Medicinal Chemistry, 2016, 16, 683-690. | 2.4 | 56 |
| 38 | One-pot synthesis of amides from carboxylic acids activated using thionyl chloride. RSC Advances, 2016, 6, 34468-34475. | 3.6 | 64 |
| 39 | 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 |
| 40 | A unified strategy for the synthesis of three conicol marine natural products. Tetrahedron, 2015, 71, 3253-3262. | 1.9 | 29 |
| 41 | Reduction of amide carbonyl group and formation of modified amino acids and dipeptides. Tetrahedron Letters, 2015, 56, 2062-2066. | 1.4 | 13 |
| 42 | N-Urethane protection of amines and amino acids in an ionic liquid. RSC Advances, 2015, 5, 63407-63420. | 3.6 | 17 |
| 43 | A simple synthesis of anilines by LiAlH4/TiCl4 reduction of aromatic nitro compounds. Tetrahedron Letters, 2015, 56, 5341-5344. | 1.4 | 18 |
| 44 | Silver acetate-assisted formation of amides from acyl chlorides. Tetrahedron Letters, 2015, 56, 199-202. | 1.4 | 11 |
| 45 | GC/MS Analysis of Fatty Acids in Italian Dry Fermented Sausages. The Open Food Science Journal, 2015, 9, 5-13. | 1.0 | 10 |
| 46 | 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 |
| 47 | Synthesis of <scp>d</scp>-erythro-Sphinganine through Serine-Derived Î±-Amino Epoxides. Journal of Organic Chemistry, 2014, 79, 5320-5326. | 3.2 | 32 |
| 48 | 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 |
| 49 | Intramolecular Displacement of Phenylselenone by a Hydroxy Group: Stereoselective Synthesis of 2-Substituted Tetrahydrofurans. Organic Letters, 2013, 15, 3906-3909. | 4.6 | 23 |
| 50 | 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 |
| 51 | Synthesis of enantiopure sugar-decorated six-armed triptycene derivatives. Beilstein Journal of Organic Chemistry, 2013, 9, 2410-2416. | 2.2 | 6 |
| 52 | 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 |
| 53 | N-Alkylation of N-arylsulfonyl-Î±-amino acid methyl esters by trialkyloxonium tetrafluoroborates. Tetrahedron, 2011, 67, 9708-9714. | 1.9 | 29 |
| 54 | 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 |

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| 55 | 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 |
| 56 | 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 |
| 57 | Deprotection of the N-Nosyl Group with a Thiol Resin. Synfacts, 2009, 2009, 1176-1176. | 0.0 | 1 |
| 58 | Deprotection of Nâ€Nosylâ€Î±â€amino Acids by Using Solidâ€Supported Mercaptoacetic Acid. European Journal of Organic Chemistry, 2009, 2009, 3795-3800. | 2.4 | 13 |
| 59 | Extraction of Quinolizidine Alkaloids in Non Aqueous Basic Conditions: The Case of Spartium junceum Flowers. Chromatographia, 2008, 68, 345-349. | 1.3 | 4 |
| 60 | 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 |
| 61 | N-Methyl-N-nosyl-Î²3-amino Acids. Journal of Organic Chemistry, 2007, 72, 4798-4802. | 3.2 | 28 |
| 62 | Solid-Phase Synthesis ofN-Nosyl- andN-Fmoc-N-Methyl-Î±-amino Acids. Journal of Organic Chemistry, 2007, 72, 3723-3728. | 3.2 | 23 |
| 63 | N-Nosyl-Î±-amino acids in solution phase peptide synthesis. Tetrahedron, 2007, 63, 8164-8173. | 1.9 | 23 |
| 64 | Steroidal seven-membered A-ring epoxy lactones by oxidation of the corresponding Î”4-3-ketosteroids. Steroids, 2006, 71, 116-119. | 1.8 | 3 |
| 65 | Occurrence of Organic Compounds in the Thermal Sulfurous Waters of Calabria, Italy. Chromatographia, 2006, 63, 585-590. | 1.3 | 10 |
| 66 | Reduction of N-Methoxy-N-Methylamides to the Corresponding Amines with AlCl3/LiAlH4. Letters in Organic Chemistry, 2006, 3, 468-469. | 0.5 | 2 |
| 67 | 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 |
| 68 | 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 |
| 69 | 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 |
| 70 | 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 |
| 71 | Synthesis of Chiral Nitrones from Nâ€Fmoc Amino Acids and Nâ€Fmoc Dipeptides. Synthetic Communications, 2004, 34, 3325-3334. | 2.1 | 2 |
| 72 | 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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|---|---|---|---|
| 73 | SPE?GC?MS Analysis of Chloroform in Drinking Water. Chromatographia, 2004, 60, 319. | 1.3 | 20 |
| 74 | 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 |
| 75 | 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 |
| 76 | 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 |
| 77 | 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 |
| 78 | 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 |
| 79 | 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 |
| 80 | 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 |