# Monica Nardi

List of Publications by Year
in descending order



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|---|---|---|---|
| 85 papers | 2,533 citations | 126858 33 h-index | 243529 44 g-index |
| 89 all docs | 89 docs citations | 89 times ranked | 2681 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Highly efficient and versatile acetylation of alcohols catalyzed by cerium(III) triflate. Tetrahedron Letters, 2003, 44, 5621-5624. | 0.7 | 111 |
| 2 | Synthesis, Biological Evaluation, and Molecular Modeling of Oleuropein and Its Semisynthetic Derivatives as Cyclooxygenase Inhibitors. Journal of Agricultural and Food Chemistry, 2009, 57, 11161-11167. | 2.4 | 96 |
| 3 | Design, Synthesis, and Evaluation of Donepezil-Like Compounds as AChE and BACE-1 Inhibitors. ACS Medicinal Chemistry Letters, 2016, 7, 470-475. | 1.3 | 80 |
| 4 | Highly efficient and versatile chemoselective addition of amines to epoxides in water catalyzed by erbium(III) triflate. Tetrahedron Letters, 2008, 49, 2289-2293. | 0.7 | 65 |
| 5 | Natural Deep Eutectic Solvent as Extraction Media for the Main Phenolic Compounds from Olive Oil Processing Wastes. Antioxidants, 2020, 9, 513. | 2.2 | 62 |
| 6 | A Mesoporous Er<sup>III</sup>â€MCMâ€41 Catalyst for the Cyanosilylation of Aldehydes and Ketones under Solventâ€free Conditions. ChemSusChem, 2008, 1, 916-919. | 3.6 | 55 |
| 7 | Water excellent solvent for the synthesis of bifunctionalized cyclopentenones from furfural. Green Chemistry, 2017, 19, 5403-5411. | 4.6 | 55 |
| 8 | Erbium(III) Triflate: A Valuable Catalyst for the Rearrangement of Epoxides to Aldehydes and Ketones. Synlett, 2004, 2004, 2633-2635. | 1.0 | 51 |
| 9 | Facile Ecofriendly Synthesis of Monastrol and Its Structural Isomers via Biginelli Reaction. ACS Sustainable Chemistry and Engineering, 2014, 2, 1228-1233. | 3.2 | 50 |
| 10 | 1,5-Benzoheteroazepines through eco-friendly general condensation reactions. Tetrahedron Letters, 2011, 52, 4827-4834. | 0.7 | 49 |
| 11 | Erbium(III) Chloride in Ethyl Lactate as a Smart Ecofriendly System for Efficient and Rapid Stereoselective Synthesis of trans-4,5-Diaminocyclopent-2-enones. ACS Sustainable Chemistry and Engineering, 2013, 1, 541-544. | 3.2 | 49 |
| 12 | Erbium(III) Triflate: A Valuable Catalyst for the Synthesis of Aldimines, Ketimines, and Enaminones. Synthesis, 2006, 2006, 1127-1132. | 1.2 | 48 |
| 13 | A facile Er(OTf)3-catalyzed synthesis of 2,3-unsaturated O- and S-glycosides. Carbohydrate Research, 2007, 342, 2125-2131. | 1.1 | 47 |
| 14 | Anti-Inflammatory Effect of 3,4-DHPEA-EDA [2-(3,4 -Hydroxyphenyl) ethyl (3S, 4E)-4-Formyl-3-(2-Oxoethyl)Hex-4-Enoate] on Primary Human Vascular Endothelial Cells. Current Medicinal Chemistry, 2012, 19, 4006-4013. | 1.2 | 47 |
| 15 | Evaluation of dialdehydic anti-inflammatory active principles in extra-virgin olive oil by reactive paper spray mass spectrometry. International Journal of Mass Spectrometry, 2013, 352, 87-91. | 0.7 | 47 |
| 16 | Biorenewable Deep Eutectic Solvent for Selective and Scalable Conversion of Furfural into Cyclopentenone Derivatives. Molecules, 2018, 23, 1891. | 1.7 | 47 |
| 17 | Anti-tumor Activity and Epigenetic Impact of the Polyphenol Oleacein in Multiple Myeloma. Cancers, 2019, 11, 990. | 1.7 | 47 |
| 18 | Per-O-acetylation of sugars catalyzed by Ce(OTf)3. Green Chemistry, 2004, 6, 191. | 4.6 | 45 |

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|---|---|---|---|
| 19 | Biomimetic synthesis and antioxidant evaluation of 3,4-DHPEA-EDA [2-(3,4-hydroxyphenyl) ethyl (3S,4E)-4-formyl-3-(2-oxoethyl)hex-4-enoate]. Food Chemistry, 2014, 162, 89-93. | 4.2 | 44 |
| 20 | Aqueous MW eco-friendly protocol for amino group protection. RSC Advances, 2015, 5, 18751-18760. | 1.7 | 44 |
| 21 | Selective and eco-friendly procedures for the synthesis of benzimidazole derivatives. The role of the Er(OTf)<sub>3</sub> catalyst in the reaction selectivity. Beilstein Journal of Organic Chemistry, 2016, 12, 2410-2419. | 1.3 | 41 |
| 22 | An eco-sustainable erbium(iii)-catalyzed method for formation/cleavage of O-tert-butoxy carbonates. Green Chemistry, 2011, 13, 436. | 4.6 | 40 |
| 23 | Green Synthesis of Privileged Benzimidazole Scaffolds Using Active Deep Eutectic Solvent. Molecules, 2019, 24, 2885. | 1.7 | 40 |
| 24 | Synthesis and antioxidant evaluation of lipophilic oleuropein aglycone derivatives. Food and Function, 2017, 8, 4684-4692. | 2.1 | 39 |
| 25 | Synthesis of Acetonides from Epoxides Catalyzed by Erbium(III) Triflate. Advanced Synthesis and Catalysis, 2005, 347, 1447-1450. | 2.1 | 37 |
| 26 | High-Throughput Assay of Oleopentanedialdheydes in Extra Virgin Olive Oil by the UHPLCâ^'ESI-MS/MS and Isotope Dilution Methods. Analytical Chemistry, 2011, 83, 1990-1995. | 3.2 | 37 |
| 27 | Eco-Friendly Extraction and Characterisation of Nutraceuticals from Olive Leaves. Molecules, 2019, 24, 3481. | 1.7 | 37 |
| 28 | Simple and efficient MW-assisted cleavage of acetals and ketals in pure water. Tetrahedron Letters, 2007, 48, 8623-8627. | 0.7 | 36 |
| 29 | Lipophilic Hydroxytyrosol Esters: Fatty Acid Conjugates for Potential Topical Administration. Journal of Natural Products, 2011, 74, 2377-2381. | 1.5 | 35 |
| 30 | Eco-friendly stereoselective reduction of Î±,Î²-unsaturated carbonyl compounds by Er(OTf)3/NaBH4 in 2-MeTHF. Tetrahedron, 2015, 71, 1132-1135. | 1.0 | 35 |
| 31 | Cerium(III) Triflate versus Cerium(III) Chloride: Anion Dependence of Lewis Acid Behavior in the Deprotection of PMB Ethers. European Journal of Organic Chemistry, 2004, 2004, 2176-2180. | 1.2 | 34 |
| 32 | Mild and efficient method for the cleavage of benzylidene acetals by using erbium (iii) triflate. Organic and Biomolecular Chemistry, 2005, 3, 4129. | 1.5 | 34 |
| 33 | Solvent-free, microwave assisted 1,3-cycloaddition of nitrones with vinyl nucleobases for the synthesis of N,O-nucleosides. Tetrahedron, 2008, 64, 8078-8081. | 1.0 | 34 |
| 34 | General MW-assisted grafting of MCM-41: Study of the dependence on time dielectric heating and solvent. Green Chemistry, 2009, 11, 770. | 4.6 | 33 |
| 35 | Simple and efficient sustainable semi-synthesis of oleacein [2-(3,4-hydroxyphenyl) ethyl (3S,4E)-4-formyl-3-(2-oxoethyl)hex-4-enoate] as potential additive for edible oils. Food Chemistry, 2018, 245, 410-414. | 4.2 | 33 |
| 36 | Efficient Organocatalyst Supported on a Simple Ionic Liquid as a Recoverable System for the Asymmetric Dielsâ€“Alder Reaction in the Presence of Water. ChemCatChem, 2015, 7, 830-835. | 1.8 | 32 |

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|---|---|---|---|
| 37 | 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. | 0.7 | 32 |
| 38 | 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. | 1.6 | 31 |
| 39 | MW-assisted Er(OTf)3-catalyzed mild cleavage of isopropylidene acetals in Tricky substrates. Tetrahedron Letters, 2008, 49, 1961-1964. | 0.7 | 30 |
| 40 | Simple and efficient Fmoc removal in ionic liquid. RSC Advances, 2017, 7, 36482-36491. | 1.7 | 29 |
| 41 | Er(OTf)3 as a Valuable Catalyst in a Short Synthesis of 2â€²,3â€²-Dideoxy Pyranosyl Nucleosides via Ferrier Rearrangement. Synthesis, 2006, 2006, 2608-2612. | 1.2 | 28 |
| 42 | A New Microwave-Assisted Organocatalytic Solvent-Free Synthesis of Optically Enriched Michael Adducts. Synlett, 2010, 2010, 1849-1853. | 1.0 | 28 |
| 43 | Efficient ring opening of epoxides with trimethylsilyl azide and cyanide catalyzed by erbium(III) triflate. Tetrahedron Letters, 2010, 51, 5150-5153. | 0.7 | 27 |
| 44 | One-Pot Synthesis of Dibenzo[b,e][1,4]diazepin-1-ones. Synthesis, 2012, 44, 800-804. | 1.2 | 24 |
| 45 | 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. | 1.7 | 24 |
| 46 | Selective Acetylation of Small Biomolecules and Their Derivatives Catalyzed by Er(OTf)3. Catalysts, 2017, 7, 269. | 1.6 | 24 |
| 47 | Non-Conventional Methodologies in the Synthesis of 1-Indanones. Molecules, 2014, 19, 5599-5610. | 1.7 | 22 |
| 48 | First multicomponent reaction exploiting glycerol carbonate synthesis. Journal of Cleaner Production, 2018, 202, 504-509. | 4.6 | 22 |
| 49 | Montmorillonite K10: An Efficient Organo-Heterogeneous Catalyst for Synthesis of Benzimidazole Derivatives. Catalysts, 2020, 10, 845. | 1.6 | 22 |
| 50 | Sustainable and Selective Extraction of Lipids and Bioactive Compounds from Microalgae. Molecules, 2019, 24, 4347. | 1.7 | 21 |
| 51 | Hybrid MCM-41 grafted by a general microwave-assisted procedure: a characterization study. Journal of Porous Materials, 2013, 20, 865-873. | 1.3 | 20 |
| 52 | Tunable microwave-assisted method for the solvent-free and catalyst-free peracetylation of natural products. Beilstein Journal of Organic Chemistry, 2016, 12, 2222-2233. | 1.3 | 20 |
| 53 | â€œOn Waterâ€•MW-Assisted Synthesis of Hydroxytyrosol Fatty Esters. ACS Sustainable Chemistry and Engineering, 2016, 4, 661-665. | 3.2 | 20 |
| 54 | 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. | 1.7 | 20 |

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|---|---|---|---|
| 55 | Er(OTf)3as New Efficient Catalyst for the Stereoselective Synthesis ofC-Pseudoglycals. Synthesis, 2006, 2006, 332-338. | 1.2 | 19 |
| 56 | An Eco-Sustainable Erbium(III) Triflate Catalyzed Formation and Cleavage of tert-Butyl Ethers. Synthesis, 2011, 2011, 73-78. | 1.2 | 19 |
| 57 | Rapid, efficient and solvent free microwave mediated synthesis of aldo- and ketonitrones. Arabian Journal of Chemistry, 2016, 9, 25-31. | 2.3 | 19 |
| 58 | Catalyst-free tosylation of lipophilic alcohols in water. RSC Advances, 2013, 3, 2548. | 1.7 | 18 |
| 59 | An eco-friendly tandem tosylation/Ferrier N -glycosylation of amines catalyzed by Er(OTf) 3 in 2-MeTHF. Tetrahedron Letters, 2017, 58, 1721-1726. | 0.7 | 18 |
| 60 | Montmorillonite K10-Catalyzed Solvent-Free Conversion of Furfural into Cyclopentenones. Catalysts, 2019, 9, 301. | 1.6 | 18 |
| 61 | 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. | 2.0 | 18 |
| 62 | Peracetylation as a strategy to improve oleuropein stability and its affinity to fatty foods. Food and Function, 2018, 9, 5759-5767. | 2.1 | 17 |
| 63 | Efficient synthesis of organic thioacetates in water. Organic and Biomolecular Chemistry, 2018, 16, 7753-7759. | 1.5 | 17 |
| 64 | 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. | 3.5 | 17 |
| 65 | Erbium(III) Triflate is a Highly Efficient Catalyst for the Synthesis of Î²-Alkoxy Alcohols, 1,2-Diols and Î²-Hydroxy Sulfides by Ring Opening of Epoxides. Synthesis, 2009, 2009, 3433-3438. | 1.2 | 16 |
| 66 | 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. | 2.0 | 16 |
| 67 | Antiproliferative activity of novel isatinyl/indanyl nitrones (INs) as potential spin trapping agents of free radical intermediates. MedChemComm, 2018, 9, 299-304. | 3.5 | 16 |
| 68 | Erbium Salts as Non-Toxic Catalysts Compatible with Alternative Reaction Media. Sustainability, 2018, 10, 721. | 1.6 | 16 |
| 69 | An Erbium-Based Bifuctional Heterogeneous Catalyst: A Cooperative Route Towards C-C Bond Formation. Molecules, 2014, 19, 10218-10229. | 1.7 | 15 |
| 70 | Combined Ultrasound/Microwave Chemocatalytic Method for Selective Conversion of Cellulose into Lactic Acid. Scientific Reports, 2019, 9, 18858. | 1.6 | 15 |
| 71 | Microwave-Assisted 1,3-Dipolar Cyclo-addition: Recent Advances In Synthesis of Isoxazolidines. Mini-Reviews in Organic Chemistry, 2017, 14, 136-142. | 0.6 | 14 |
| 72 | Eco-Friendly Synthesis of Lipophilic EGCG Derivatives and Antitumor and Antioxidant Evaluation. Natural Product Communications, 2018, 13, 1934578X1801300. | 0.2 | 11 |

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| 73 | Semi-synthesis as a tool for broadening the health applications of bioactive olive secoiridoids: a critical review. Natural Product Reports, 2021, 38, 444-469. | 5.2 | 11 |
| 74 | 1,2-Diacetates by epoxide ring opening promoted by erbium(III) triflate. Arkivoc, 2006, 2006, 67-73. | 0.3 | 10 |
| 75 | Erbium triflate: a valuable and non-toxic catalyst for the synthesis of acylals and enol ethers. Arkivoc, 2006, 2006, 181-189. | 0.3 | 10 |
| 76 | Green Semisynthetic Cascade to Ligstroside, Ligstroside Aglycone, and Oleocanthal. ACS Sustainable Chemistry and Engineering, 2021, 9, 12614-12622. | 3.2 | 8 |
| 77 | Development of one-pot three component reaction for the synthesis of Nâ€²-aryl-N-cyanoformamidines, essential precursors of formamidine pesticides family. Arabian Journal of Chemistry, 2016, 9, 32-37. | 2.3 | 7 |
| 78 | Erbium Triflate a Very Powerful Catalyst. Mini-Reviews in Organic Chemistry, 2009, 6, 86-94. | 0.6 | 5 |
| 79 | Determination of total organic carbon on hybrid organic-inorganic mesoporous silica by FT-NIR spectroscopy. RSC Advances, 2016, 6, 18909-18915. | 1.7 | 4 |
| 80 | Er(OTf)3as a Mild Cleaving Agents for Acetals and Ketals. Synthesis, 2004, 2004, 496-498. | 1.2 | 3 |
| 81 | Oleuropein Aglycone Peracetylated (3,4-DHPEA-EA(P)) Attenuates H2O2-Mediated Cytotoxicity in C2C12 Myocytes via Inactivation of p-JNK/p-c-Jun Signaling Pathway. Molecules, 2020, 25, 5472. | 1.7 | 3 |
| 82 | The Highly Efficient Synthesis of 1,2-Disubstituted Benzimidazoles Using Microwave Irradiation. Molecules, 2022, 27, 1751. | 1.7 | 3 |
| 83 | A Multivariate Statistical Analyses of Membrane Performance in the Clarification of Citrus Press Liquor. ChemEngineering, 2019, 3, 10. | 1.0 | 2 |
| 84 | Lipid Peroxidation in Algae Oil: Antagonist Effects of Natural Antioxidants. Molecules, 2022, 27, 4453. | 1.7 | 2 |
| 85 | Eco-Friendly Synthesis of PEtOz-PA: A Promising Polymer for the Formulation of Curcumin-Loaded Micelles. Molecules, 2022, 27, 3788. | 1.7 | 1 |