

# Monica Nardi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/774223/publications.pdf>

Version: 2024-02-01

85  
papers

2,533  
citations

126907

33  
h-index

243625

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. <i>Tetrahedron Letters</i> , 2003, 44, 5621-5624.	1.4	111
2	Synthesis, Biological Evaluation, and Molecular Modeling of Oleuropein and Its Semisynthetic Derivatives as Cyclooxygenase Inhibitors. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 11161-11167.	5.2	96
3	Design, Synthesis, and Evaluation of Donepezil-Like Compounds as AChE and BACE-1 Inhibitors. <i>ACS Medicinal Chemistry Letters</i> , 2016, 7, 470-475.	2.8	80
4	Highly efficient and versatile chemoselective addition of amines to epoxides in water catalyzed by erbium(III) triflate. <i>Tetrahedron Letters</i> , 2008, 49, 2289-2293.	1.4	65
5	Natural Deep Eutectic Solvent as Extraction Media for the Main Phenolic Compounds from Olive Oil Processing Wastes. <i>Antioxidants</i> , 2020, 9, 513.	5.1	62
6	A Mesoporous ErCl <sub>3</sub> Catalyst for the Cyanosilylation of Aldehydes and Ketones under Solvent-free Conditions. <i>ChemSusChem</i> , 2008, 1, 916-919.	6.8	55
7	Water excellent solvent for the synthesis of bifunctionalized cyclopentenones from furfural. <i>Green Chemistry</i> , 2017, 19, 5403-5411.	9.0	55
8	Erbium(III) Triflate: A Valuable Catalyst for the Rearrangement of Epoxides to Aldehydes and Ketones. <i>Synlett</i> , 2004, 2004, 2633-2635.	1.8	51
9	Facile Ecofriendly Synthesis of Monastrol and Its Structural Isomers via Biginelli Reaction. <i>ACS Sustainable Chemistry and Engineering</i> , 2014, 2, 1228-1233.	6.7	50
10	1,5-Benzoheteroazepines through eco-friendly general condensation reactions. <i>Tetrahedron Letters</i> , 2011, 52, 4827-4834.	1.4	49
11	Erbium(III) Chloride in Ethyl Lactate as a Smart Ecofriendly System for Efficient and Rapid Stereoselective Synthesis of <i>trans</i> -4,5-Diaminocyclopent-2-enones. <i>ACS Sustainable Chemistry and Engineering</i> , 2013, 1, 541-544.	6.7	49
12	Erbium(III) Triflate: A Valuable Catalyst for the Synthesis of Aldimines, Ketimines, and Enaminones. <i>Synthesis</i> , 2006, 2006, 1127-1132.	2.3	48
13	A facile Er(OTf) <sub>3</sub> -catalyzed synthesis of 2,3-unsaturated O- and S-glycosides. <i>Carbohydrate Research</i> , 2007, 342, 2125-2131.	2.3	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. <i>Current Medicinal Chemistry</i> , 2012, 19, 4006-4013.	2.4	47
15	Evaluation of dialdehydic anti-inflammatory active principles in extra-virgin olive oil by reactive paper spray mass spectrometry. <i>International Journal of Mass Spectrometry</i> , 2013, 352, 87-91.	1.5	47
16	Biorenewable Deep Eutectic Solvent for Selective and Scalable Conversion of Furfural into Cyclopentenone Derivatives. <i>Molecules</i> , 2018, 23, 1891.	3.8	47
17	Anti-tumor Activity and Epigenetic Impact of the Polyphenol Oleacein in Multiple Myeloma. <i>Cancers</i> , 2019, 11, 990.	3.7	47
18	Per-O-acetylation of sugars catalyzed by Ce(OTf) <sub>3</sub> . <i>Green Chemistry</i> , 2004, 6, 191.	9.0	45

#	ARTICLE	IF	CITATIONS
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]. <i>Food Chemistry</i> , 2014, 162, 89-93.	8.2	44
20	Aqueous MW eco-friendly protocol for amino group protection. <i>RSC Advances</i> , 2015, 5, 18751-18760.	3.6	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. <i>Beilstein Journal of Organic Chemistry</i> , 2016, 12, 2410-2419.	2.2	41
22	An eco-sustainable erbium(iii)-catalyzed method for formation/cleavage of O-tert-butoxy carbonates. <i>Green Chemistry</i> , 2011, 13, 436.	9.0	40
23	Green Synthesis of Privileged Benzimidazole Scaffolds Using Active Deep Eutectic Solvent. <i>Molecules</i> , 2019, 24, 2885.	3.8	40
24	Synthesis and antioxidant evaluation of lipophilic oleuropein aglycone derivatives. <i>Food and Function</i> , 2017, 8, 4684-4692.	4.6	39
25	Synthesis of Acetonides from Epoxides Catalyzed by Erbium(III) Triflate. <i>Advanced Synthesis and Catalysis</i> , 2005, 347, 1447-1450.	4.3	37
26	High-Throughput Assay of Oleopentanedialdehydes in Extra Virgin Olive Oil by the UHPLC-ESI-MS/MS and Isotope Dilution Methods. <i>Analytical Chemistry</i> , 2011, 83, 1990-1995.	6.5	37
27	Eco-Friendly Extraction and Characterisation of Nutraceuticals from Olive Leaves. <i>Molecules</i> , 2019, 24, 3481.	3.8	37
28	Simple and efficient MW-assisted cleavage of acetals and ketals in pure water. <i>Tetrahedron Letters</i> , 2007, 48, 8623-8627.	1.4	36
29	Lipophilic Hydroxytyrosol Esters: Fatty Acid Conjugates for Potential Topical Administration. <i>Journal of Natural Products</i> , 2011, 74, 2377-2381.	3.0	35
30	Eco-friendly stereoselective reduction of $\alpha,\beta$ -unsaturated carbonyl compounds by Er(OTf) <sub>3</sub> /NaBH <sub>4</sub> in 2-MeTHF. <i>Tetrahedron</i> , 2015, 71, 1132-1135.	1.9	35
31	Cerium(III) Triflate versus Cerium(III) Chloride: Anion Dependence of Lewis Acid Behavior in the Deprotection of PMB Ethers. <i>European Journal of Organic Chemistry</i> , 2004, 2004, 2176-2180.	2.4	34
32	Mild and efficient method for the cleavage of benzylidene acetals by using erbium (iii) triflate. <i>Organic and Biomolecular Chemistry</i> , 2005, 3, 4129.	2.8	34
33	Solvent-free, microwave assisted 1,3-cycloaddition of nitrones with vinyl nucleobases for the synthesis of N,O-nucleosides. <i>Tetrahedron</i> , 2008, 64, 8078-8081.	1.9	34
34	General MW-assisted grafting of MCM-41: Study of the dependence on time dielectric heating and solvent. <i>Green Chemistry</i> , 2009, 11, 770.	9.0	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. <i>Food Chemistry</i> , 2018, 245, 410-414.	8.2	33
36	Efficient Organocatalyst Supported on a Simple Ionic Liquid as a Recoverable System for the Asymmetric Diels-Alder Reaction in the Presence of Water. <i>ChemCatChem</i> , 2015, 7, 830-835.	3.7	32

#	ARTICLE	IF	CITATIONS
37	Regioselective synthesis of 1,5-disubstituted 1,2,3-triazoles by 1,3-dipolar cycloaddition: Role of Er(OTf) <sub>3</sub> , ionic liquid and water. <i>Tetrahedron Letters</i> , 2019, 60, 672-674.	1.4	32
38	Synthesis of 1,5-Functionalized 1,2,3-Triazoles Using Ionic Liquid/Iron(III) Chloride as an Efficient and Reusable Homogeneous Catalyst. <i>Catalysts</i> , 2018, 8, 364.	3.5	31
39	MW-assisted Er(OTf) <sub>3</sub> -catalyzed mild cleavage of isopropylidene acetals in Tricky substrates. <i>Tetrahedron Letters</i> , 2008, 49, 1961-1964.	1.4	30
40	Simple and efficient Fmoc removal in ionic liquid. <i>RSC Advances</i> , 2017, 7, 36482-36491.	3.6	29
41	Er(OTf) <sub>3</sub> as a Valuable Catalyst in a Short Synthesis of 2,3-Dideoxy Pyranosyl Nucleosides via Ferrier Rearrangement. <i>Synthesis</i> , 2006, 2006, 2608-2612.	2.3	28
42	A New Microwave-Assisted Organocatalytic Solvent-Free Synthesis of Optically Enriched Michael Adducts. <i>Synlett</i> , 2010, 2010, 1849-1853.	1.8	28
43	Efficient ring opening of epoxides with trimethylsilyl azide and cyanide catalyzed by erbium(III) triflate. <i>Tetrahedron Letters</i> , 2010, 51, 5150-5153.	1.4	27
44	One-Pot Synthesis of Dibenzo[b,e][1,4]diazepin-1-ones. <i>Synthesis</i> , 2012, 44, 800-804.	2.3	24
45	Nitrones and nucleobase-containing spiro-isoxazolidines derived from isatin and indanone: solvent-free microwave-assisted stereoselective synthesis and theoretical calculations. <i>RSC Advances</i> , 2017, 7, 48980-48988.	3.6	24
46	Selective Acetylation of Small Biomolecules and Their Derivatives Catalyzed by Er(OTf) <sub>3</sub> . <i>Catalysts</i> , 2017, 7, 269.	3.5	24
47	Non-Conventional Methodologies in the Synthesis of 1-Indanones. <i>Molecules</i> , 2014, 19, 5599-5610.	3.8	22
48	First multicomponent reaction exploiting glycerol carbonate synthesis. <i>Journal of Cleaner Production</i> , 2018, 202, 504-509.	9.3	22
49	Montmorillonite K10: An Efficient Organo-Heterogeneous Catalyst for Synthesis of Benzimidazole Derivatives. <i>Catalysts</i> , 2020, 10, 845.	3.5	22
50	Sustainable and Selective Extraction of Lipids and Bioactive Compounds from Microalgae. <i>Molecules</i> , 2019, 24, 4347.	3.8	21
51	Hybrid MCM-41 grafted by a general microwave-assisted procedure: a characterization study. <i>Journal of Porous Materials</i> , 2013, 20, 865-873.	2.6	20
52	Tunable microwave-assisted method for the solvent-free and catalyst-free peracetylation of natural products. <i>Beilstein Journal of Organic Chemistry</i> , 2016, 12, 2222-2233.	2.2	20
53	On Water-MW-Assisted Synthesis of Hydroxytyrosol Fatty Esters. <i>ACS Sustainable Chemistry and Engineering</i> , 2016, 4, 661-665.	6.7	20
54	Synthesis, Biological and In Silico Evaluation of Pure Nucleobase-Containing Spiro (Indane-Isoxazolidine) Derivatives as Potential Inhibitors of MDM2-p53 Interaction. <i>Molecules</i> , 2019, 24, 2909.	3.8	20

#	ARTICLE	IF	CITATIONS
55	Er(OTf) <sub>3</sub> as New Efficient Catalyst for the Stereoselective Synthesis of C-Pseudoglycols. <i>Synthesis</i> , 2006, 2006, 332-338.	2.3	19
56	An Eco-Sustainable Erbium(III) Triflate Catalyzed Formation and Cleavage of tert-Butyl Ethers. <i>Synthesis</i> , 2011, 2011, 73-78.	2.3	19
57	Rapid, efficient and solvent free microwave mediated synthesis of aldo- and ketonitrone. <i>Arabian Journal of Chemistry</i> , 2016, 9, 25-31.	4.9	19
58	Catalyst-free tosylation of lipophilic alcohols in water. <i>RSC Advances</i> , 2013, 3, 2548.	3.6	18
59	An eco-friendly tandem tosylation/Ferrier N-glycosylation of amines catalyzed by Er(OTf) <sub>3</sub> in 2-MeTHF. <i>Tetrahedron Letters</i> , 2017, 58, 1721-1726.	1.4	18
60	Montmorillonite K10-Catalyzed Solvent-Free Conversion of Furfural into Cyclopentenones. <i>Catalysts</i> , 2019, 9, 301.	3.5	18
61	Production of Plant-Derived Oleuropein Aglycone by a Combined Membrane Process and Evaluation of Its Breast Anticancer Properties. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 908.	4.1	18
62	Peracetylation as a strategy to improve oleuropein stability and its affinity to fatty foods. <i>Food and Function</i> , 2018, 9, 5759-5767.	4.6	17
63	Efficient synthesis of organic thioacetates in water. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 7753-7759.	2.8	17
64	Synthesis and preliminary evaluation of the anti-cancer activity on A549 lung cancer cells of a series of unsaturated disulfides. <i>MedChemComm</i> , 2019, 10, 116-119.	3.4	17
65	Erbium(III) Triflate is a Highly Efficient Catalyst for the Synthesis of $\beta^2$ -Alkoxy Alcohols, 1,2-Diols and $\beta^2$ -Hydroxy Sulfides by Ring Opening of Epoxides. <i>Synthesis</i> , 2009, 2009, 3433-3438.	2.3	16
66	Biochemical and chemical characterization of <i>Cynara cardunculus</i> L. extract and its potential use as co-adjuvant therapy of chronic myeloid leukemia. <i>Journal of Ethnopharmacology</i> , 2017, 202, 184-191.	4.1	16
67	Antiproliferative activity of novel isatinyl/indanyl nitrones (INs) as potential spin trapping agents of free radical intermediates. <i>MedChemComm</i> , 2018, 9, 299-304.	3.4	16
68	Erbium Salts as Non-Toxic Catalysts Compatible with Alternative Reaction Media. <i>Sustainability</i> , 2018, 10, 721.	3.2	16
69	An Erbium-Based Bifunctional Heterogeneous Catalyst: A Cooperative Route Towards C-C Bond Formation. <i>Molecules</i> , 2014, 19, 10218-10229.	3.8	15
70	Combined Ultrasound/Microwave Chemocatalytic Method for Selective Conversion of Cellulose into Lactic Acid. <i>Scientific Reports</i> , 2019, 9, 18858.	3.3	15
71	Microwave-Assisted 1,3-Dipolar Cyclo-addition: Recent Advances In Synthesis of Isoxazolidines. <i>Mini-Reviews in Organic Chemistry</i> , 2017, 14, 136-142.	1.3	14
72	Eco-Friendly Synthesis of Lipophilic EGCG Derivatives and Antitumor and Antioxidant Evaluation. <i>Natural Product Communications</i> , 2018, 13, 1934578X1801300.	0.5	11

#	ARTICLE	IF	CITATIONS
73	Semi-synthesis as a tool for broadening the health applications of bioactive olive secoiridoids: a critical review. <i>Natural Product Reports</i> , 2021, 38, 444-469.	10.3	11
74	1,2-Diacetates by epoxide ring opening promoted by erbium(III) triflate. <i>Arkivoc</i> , 2006, 2006, 67-73.	0.5	10
75	Erbium triflate: a valuable and non-toxic catalyst for the synthesis of acylals and enol ethers. <i>Arkivoc</i> , 2006, 2006, 181-189.	0.5	10
76	Green Semisynthetic Cascade to Ligstroside, Ligstroside Aglycone, and Oleocanthal. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 12614-12622.	6.7	8
77	Development of one-pot three component reaction for the synthesis of N-aryl-N-cyanoformamidines, essential precursors of formamidine pesticides family. <i>Arabian Journal of Chemistry</i> , 2016, 9, 32-37.	4.9	7
78	Erbium Triflate a Very Powerful Catalyst. <i>Mini-Reviews in Organic Chemistry</i> , 2009, 6, 86-94.	1.3	5
79	Determination of total organic carbon on hybrid organic-inorganic mesoporous silica by FT-NIR spectroscopy. <i>RSC Advances</i> , 2016, 6, 18909-18915.	3.6	4
80	Er(OTf) <sub>3</sub> as a Mild Cleaving Agents for Acetals and Ketals. <i>Synthesis</i> , 2004, 2004, 496-498.	2.3	3
81	Oleuropein Aglycone Peracetylated (3,4-DHPEA-EA(P)) Attenuates H <sub>2</sub> O <sub>2</sub> -Mediated Cytotoxicity in C2C12 Myocytes via Inactivation of p-JNK/p-c-Jun Signaling Pathway. <i>Molecules</i> , 2020, 25, 5472.	3.8	3
82	The Highly Efficient Synthesis of 1,2-Disubstituted Benzimidazoles Using Microwave Irradiation. <i>Molecules</i> , 2022, 27, 1751.	3.8	3
83	A Multivariate Statistical Analyses of Membrane Performance in the Clarification of Citrus Press Liquor. <i>ChemEngineering</i> , 2019, 3, 10.	2.4	2
84	Lipid Peroxidation in Algae Oil: Antagonist Effects of Natural Antioxidants. <i>Molecules</i> , 2022, 27, 4453.	3.8	2
85	Eco-Friendly Synthesis of PEtOz-PA: A Promising Polymer for the Formulation of Curcumin-Loaded Micelles. <i>Molecules</i> , 2022, 27, 3788.	3.8	1