

Daniela Tofani

List of Publications by Year in descending order

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papers

937
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566801

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docs citations

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times ranked

1445
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent Advances in Organocatalytic Cascade Reactions toward the Formation of Quaternary Stereocenters. <i>Synthesis</i> , 2015, 47, 2139-2184.	1.2	106
2	Synthetic cells produce a quorum sensing chemical signal perceived by <i>Pseudomonas aeruginosa</i> . <i>Chemical Communications</i> , 2018, 54, 2090-2093.	2.2	89
3	Oxidation of aromatic aldehydes and ketones by H ₂ O ₂ /CH ₃ ReO ₃ in ionic liquids: a catalytic efficient reaction to achieve dihydric phenols. <i>Tetrahedron</i> , 2005, 61, 1821-1825.	1.0	86
4	Noncovalent Organocatalysis: A Powerful Tool for the Nucleophilic Epoxidation of β -Ylideneoxindoles. <i>Organic Letters</i> , 2011, 13, 6248-6251.	2.4	83
5	Fatty Acid Hydroxytyrosyl Esters: Structure/Antioxidant Activity Relationship by ABTS and in Cell-Culture DCF Assays. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 5292-5299.	2.4	72
6	Synthesis and Structure/Antioxidant Activity Relationship of Novel Catecholic Antioxidant Structural Analogues to Hydroxytyrosol and Its Lipophilic Esters. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 7408-7416.	2.4	70
7	High-Yielding Preparation of a Stable Precursor of Hydroxytyrosol by Total Synthesis and from the Natural Glycoside Oleuropein. <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 3386-3391.	2.4	50
8	Singlet oxygen degradation of lignin. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1998, 113, 119-124.	2.0	41
9	Synthesis and Evaluation of the Antioxidant Activity of Lipophilic Phenethyl Trifluoroacetate Esters by In Vitro ABTS, DPPH and in Cell-Culture DCF Assays. <i>Molecules</i> , 2018, 23, 208.	1.7	38
10	Identification and Sequencing of β -Myrcene Catabolism Genes from <i>Pseudomonas</i> sp. Strain M1. <i>Applied and Environmental Microbiology</i> , 1999, 65, 2871-2876.	1.4	32
11	Protection by extra virgin olive oil against oxidative stress in vitro and in vivo. Chemical and biological studies on the health benefits due to a major component of the Mediterranean diet. <i>PLoS ONE</i> , 2017, 12, e0189341.	1.1	29
12	Antioxidant activity of hydroxytyrosyl esters studied in liposome models. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2018, 1860, 600-610.	1.4	21
13	β , γ -Unsaturated α -amino ester derivatives by amination of β -silylated α , β -unsaturated esters. <i>Tetrahedron</i> , 1997, 53, 15853-15858.	1.0	20
14	HSAB Driven chemoselectivity in alkylation of uracil derivatives. A high yielding preparation of 3-alkylated and unsymmetrically 1,3-dialkylated uracils. <i>Tetrahedron</i> , 1999, 55, 12615-12628.	1.0	16
15	Traditional Salads and Soups with Wild Plants as a Source of Antioxidants: A Comparative Chemical Analysis of Five Species Growing in Central Italy. <i>Evidence-based Complementary and Alternative Medicine</i> , 2019, 2019, 1-12.	0.5	16
16	Oxidized Palladium Supported on Ceria Nanorods for Catalytic Aerobic Oxidation of Benzyl Alcohol to Benzaldehyde in Protic Solvents. <i>Catalysts</i> , 2019, 9, 847.	1.6	14
17	Photochemical approach to the synthesis of naturally occurring thienylacetylenes. <i>Tetrahedron</i> , 1992, 48, 9315-9322.	1.0	13
18	Desymmetrisation of meso-methylcyclooctanones. Highly enantioselective synthesis of C ₈ syn-isoprenoid and syn,syn-deoxypropionate subunits from a bicyclo[3.3.1]nonane precursor. <i>Tetrahedron Letters</i> , 2002, 43, 2195-2198.	0.7	13

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19	An Organocatalytic Approach to the Synthesis of Six-Membered Heterocycles. <i>Current Organic Chemistry</i> , 2011, 15, 2098-2146.	0.9	13
20	Synthesis of Benzofuran-2-One Derivatives and Evaluation of Their Antioxidant Capacity by Comparing DPPH Assay and Cyclic Voltammetry. <i>Molecules</i> , 2018, 23, 710.	1.7	13
21	Graft copolymers of lignin from straw with 1-ethenylbenzene: Synthesis and characterization. <i>Journal of Applied Polymer Science</i> , 2001, 79, 72-79.	1.3	12
22	HSAB-driven chemoselective N1-alkylation of pyrimidine bases and their 4-methoxy- or 4-acetylamino-derivatives. <i>Tetrahedron</i> , 2006, 62, 6848-6854.	1.0	12
23	Xanthium strumarium extract inhibits mammalian cell proliferation through mitotic spindle disruption mediated by xanthatin. <i>Journal of Ethnopharmacology</i> , 2016, 194, 781-788.	2.0	12
24	A mild access to chiral syn 1,2-diaryl glycols by stereoselective ring opening of ortho substituted trans 2,3-diaryl-oxiranes using Amberlyst 15 in H ₂ O/THF system. <i>Tetrahedron</i> , 2015, 71, 5662-5668.	1.0	10
25	High-Yielding Synthesis of Methyl Orthoformate-Protected Hydroxytyrosol and Its Use in Preparation of Hydroxytyrosyl Acetate. <i>Molecules</i> , 2007, 12, 1762-1770.	1.7	9
26	Solar Cookers and Dryers: Environmental Sustainability and Nutraceutical Content in Food Processing. <i>Foods</i> , 2021, 10, 2326.	1.9	8
27	Studies on the reactivity of 2,5-dimethoxy-2,5-dihydrofuran with phenylselenium reagents: Synthesis of highly functionalised C4 building blocks. <i>Tetrahedron Letters</i> , 1993, 34, 7101-7104.	0.7	7
28	Aziridination of Chiral 3-(2,2-Dimethyl-1,3-dioxolan-4-yl)-2-propenoate Esters. <i>Tetrahedron</i> , 2000, 56, 4515-4519.	1.0	7
29	Stereochemistry in reactions of chiral cyclic allylsilanes with (ethoxycarbonyl)nitrene. A new route to chiral N-substituted allylamines. <i>Tetrahedron Letters</i> , 1995, 36, 8295-8298.	0.7	6
30	Amination of chiral β^2 -silylated silyl ketene acetals by (ethoxycarbonyl)nitrene. <i>Tetrahedron Letters</i> , 1997, 38, 5717-5718.	0.7	5
31	New Dihydroxytyrosyl Esters from Dicarboxylic Acids: Synthesis and Evaluation of the Antioxidant Activity In Vitro (ABTS) and in Cell-Cultures (DCF Assay). <i>Molecules</i> , 2020, 25, 3135.	1.7	5
32	Regio- and Diastereoselective Organozinc-Promoted Arylation of <i>trans</i> -2,3-Diaryloxiranes by Arylboronic Acids: Stereoselective Access to <i>trans</i> -2,3-Diphenyl-2,3-dihydrobenzofuran. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 4397-4403.	1.2	3
33	A Novel Pd-P Nano-Alloy Supported on Functionalized Silica for Catalytic Aerobic Oxidation of Benzyl Alcohol. <i>Catalysts</i> , 2022, 12, 20.	1.6	3
34	Chair-boat equilibrium as driving force in epimerization of 3,7-dimethylbicyclo[3.3.1]nonan-2,9-dione derivatives. Stereocontrolled synthesis of the 3- exo ,7- exo - and 3- endo ,7- exo -dimethylbicyclo[3.3.1]nonan-9-ones. <i>Tetrahedron</i> , 2001, 57, 5435-5444.	1.0	2
35	Oxidation of Aromatic Aldehydes and Ketones by H ₂ O ₂ /CH ₃ ReO ₃ in Ionic Liquids: A Catalytic Efficient Reaction to Achieve Dihydric Phenols.. <i>ChemInform</i> , 2005, 36, no.	0.1	1
36	Multiparameter Approach to Dynamic Quantum Phase Estimation. <i>Proceedings (mdpi)</i> , 2019, 12, 55.	0.2	0