

Mario C Foti

List of Publications by Year in descending order

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28
papers

2,569
citations

516561

16
h-index

477173

29
g-index

30
all docs

30
docs citations

30
times ranked

3520
citing authors

#	ARTICLE	IF	CITATIONS
1	Antioxidant Activity of Essential Oils. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 10835-10847.	2.4	563
2	Electron-Transfer Reaction of Cinnamic Acids and Their Methyl Esters with the DPPH Radical in Alcoholic Solutions. <i>Journal of Organic Chemistry</i> , 2004, 69, 2309-2314.	1.7	516
3	Use and Abuse of the DPPH Radical. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 8765-8776.	2.4	248
4	Antioxidant properties of phenols. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 59, 1673-1685.	1.2	243
5	Naphthalene Diols: A New Class of Antioxidants Intramolecular Hydrogen Bonding in Catechols, Naphthalene Diols, and Their Aryloxy Radicals. <i>Journal of Organic Chemistry</i> , 2002, 67, 5190-5196.	1.7	154
6	Reaction of Phenols with the 2,2-Diphenyl-1-picrylhydrazyl Radical. Kinetics and DFT Calculations Applied To Determine ArO-H Bond Dissociation Enthalpies and Reaction Mechanism. <i>Journal of Organic Chemistry</i> , 2008, 73, 9270-9282.	1.7	148
7	Mechanism of Inhibition of Lipid Peroxidation by β -Terpinene, an Unusual and Potentially Useful Hydrocarbon Antioxidant. <i>Journal of Agricultural and Food Chemistry</i> , 2003, 51, 2758-2765.	2.4	142
8	The Role of Hydrogen Bonding on the H-Atom-Donating Abilities of Catechols and Naphthalene Diols and on a Previously Overlooked Aspect of Their Infrared Spectra. <i>Journal of the American Chemical Society</i> , 2002, 124, 12881-12888.	6.6	99
9	Kinetics of the Oxidation of Quercetin by 2,2-Diphenyl-1-picrylhydrazyl (dpph). <i>Organic Letters</i> , 2011, 13, 4826-4829.	2.4	66
10	Non-phenolic radical-trapping antioxidants. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 61, 1435-1448.	1.2	59
11	Kinetic and thermodynamic parameters for the equilibrium reactions of phenols with the dpph radical. <i>Chemical Communications</i> , 2006, , 3252.	2.2	47
12	Influence of Remote Intramolecular Hydrogen Bonds on the Stabilities of Phenoxy Radicals and Benzyl Cations. <i>Journal of Organic Chemistry</i> , 2010, 75, 4434-4440.	1.7	43
13	Antiangiogenic effect of quercetin and its methyl pentamethyl ether derivative in human microvascular endothelial cells. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 6565-6577.	1.6	35
14	New Insight into Solvent Effects on the Formal HOO. + HOO. Reaction. <i>Chemistry - A European Journal</i> , 2005, 11, 1942-1948.	1.7	33
15	Proton-electron transfer pathways in the reactions of peroxy and dpph radicals with hydrogen-bonded phenols. <i>Chemical Communications</i> , 2012, 48, 11904.	2.2	33
16	Quercetin derivatives as potent inducers of selective cytotoxicity in glioma cells. <i>European Journal of Pharmaceutical Sciences</i> , 2017, 101, 56-65.	1.9	20
17	Biopolyphenolics as antioxidants: Studies under an Indo-Italian CSIR-CNR project. <i>Pure and Applied Chemistry</i> , 2005, 77, 91-101.	0.9	16
18	Coupling and fast decarboxylation of aryloxy radicals of 4-hydroxycinnamic acids with formation of stable p-quinomethanes. <i>Tetrahedron</i> , 2006, 62, 1536-1547.	1.0	16

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19	Effect of organic co-solvents in the evaluation of the hydroxyl radical scavenging activity by the 2-deoxyribose degradation assay: The paradigmatic case of L-lipoic acid. <i>Biophysical Chemistry</i> , 2017, 220, 1-6.	1.5	15
20	Solvent effects on the activation parameters of the reaction between an α -tocopherol analogue and dpph: The role of H-bonded complexes. <i>International Journal of Chemical Kinetics</i> , 2012, 44, 524-531.	1.0	12
21	Unexpected Superoxide Dismutase Antioxidant Activity of Ferric Chloride in Acetonitrile. <i>Journal of Organic Chemistry</i> , 2003, 68, 9162-9165.	1.7	11
22	A Meta Effect in Nonphotochemical Processes: The Homolytic Chemistry of <i>m</i> -Methoxyphenol. <i>Journal of Organic Chemistry</i> , 2008, 73, 2408-2411.	1.7	11
23	Kinetics of curcumin oxidation by 2,2-diphenyl-1-picrylhydrazyl (DPPH TM): an interesting case of separated coupled proton-electron transfer. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 8331-8337.	1.5	11
24	Unveiling the chemistry behind bromination of quercetin: the violet chromogen TM . <i>Tetrahedron Letters</i> , 2014, 55, 1602-1607.	0.7	8
25	Absolute rate constants and transient intermediates in the free-radical-induced peroxidation of β -terpinene, an unusual hydrocarbon antioxidant. <i>New Journal of Chemistry</i> , 2003, 27, 1563-1567.	1.4	7
26	Solvent-dependent release of bromine from bromoquercetins. <i>Tetrahedron Letters</i> , 2014, 55, 4359-4365.	0.7	3
27	Singlet oxygen quenching- and chain-breaking antioxidant-properties of a quercetin dimer able to prevent age-related macular degeneration. <i>Biophysical Chemistry</i> , 2018, 243, 17-23.	1.5	3
28	Evaluation of the radical scavenging activity of some representative isoprenoid and aromatic cytokinin ribosides (N ⁶ -substituted adenosines) by <i>in vitro</i> chemical assays. <i>Natural Product Research</i> , 2022, 36, 6443-6447.	1.0	1