Manuel E Medina

List of Publications by Year
in descending order

17 papers	414 citations	1051969 10 h-index	993246 17 g-index
17 all docs	17 docs citations	17 times ranked	644 citing authors

#	Article	IF	Citations
1	Antioxidant capacity of fungi associated with corals and sponges of the reef system of Veracruz, Mexico. Electronic Journal of Biotechnology, 2022, 55, 40-46.	1.2	1
2	On the peroxyl radical scavenging ability of Î²â€sitosterol in lipid media: A theoretical study. Journal of Physical Organic Chemistry, 2021, 34, .	0.9	8
3	Insight on the proâ€oxidant capability of amphotericin B in lipid media: A theoretical study. Journal of Physical Organic Chemistry, 2021, 34, e4167.	0.9	1
4	Antagonistic activity of hydroxycoumarin-based antioxidants as possible singlet oxygen precursor photosensitizers. Dyes and Pigments, 2021, 192, 109447.	2.0	3
5	On the primary and secondary antioxidant activity from hydroxyâ€methylcoumarins: experimental and theoretical studies. Journal of Physical Organic Chemistry, 2020, 33, e4025.	0.9	11
6	Scavenging Ability of Homogentisic Acid and Ergosterol toward Free Radicals Derived from Ethanol Consumption. Journal of Physical Chemistry B, 2018, 122, 7514-7521.	1.2	10
7	Nucleophilic additions on acetyldioxanes derived from (â˜)-(1 R)-myrtenal used as chiral auxiliaries: substituent effects on the stereochemical outcome. Tetrahedron: Asymmetry, 2017, 28, 1350-1358.	1.8	3
8	Mechanism and kinetics of the oxidative damage to ergosterol induced by peroxyl radicals in lipid media: a theoretical quantum chemistry study. Journal of Physical Organic Chemistry, 2016, 29, 196-203.	0.9	11
9	Theoretical Study on the Photosensitizer Mechanism of Phenalenone in Aqueous and Lipid Media. Journal of Physical Chemistry A, 2016, 120, 6103-6110.	1.1	16
10	Theoretical study on the oxidative damage to cholesterol induced by peroxyl radicals. Journal of Physical Organic Chemistry, 2015, 28, 504-508.	0.9	14
11	Melatonin and its metabolites as copper chelating agents and their role in inhibiting oxidative stress: a physicochemical analysis. Journal of Pineal Research, 2015, 58, 107-116.	3.4	142
12	Site reactivity in the free radicals induced damage to leucine residues: a theoretical study. Physical Chemistry Chemical Physics, 2015, 17, 4970-4976.	1.3	18
13	Antioxidant activity of fraxetin and its regeneration in aqueous media. A density functional theory study. RSC Advances, 2014, 4, 52920-52932.	1.7	33
14	Theoretical study on the peroxyl radicals scavenging activity of esculetin and its regeneration in aqueous solution. Physical Chemistry Chemical Physics, 2014, 16, 1197-1207.	1.3	31
15	Antioxidant activity of propyl gallate in aqueous and lipid media: a theoretical study. Physical Chemistry Chemical Physics, 2013, 15, 13137.	1.3	56
16	Diastereoselective Preparation of (R)- and (S)-2-Methoxy-2-phenylpent-3-ynoic Acids and Their Use as Reliable Chiral Derivatizing Agents. Journal of Organic Chemistry, 2012, 77, 1640-1652.	1.7	18
17	A quantum chemical study on the free radical scavenging activity of tyrosol and hydroxytyrosol. Theoretical Chemistry Accounts, 2012, 131, 1.	0.5	38