

Jorge Rafael Leon-Carmona

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

481
citations

1163117

8
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

652
citing authors

#	ARTICLE	IF	CITATIONS
1	Is Caffeine a Good Scavenger of Oxygenated Free Radicals?. Journal of Physical Chemistry B, 2011, 115, 4538-4546.	2.6	177
2	Empirically Fitted Parameters for Calculating pK_a Values with Small Deviations from Experiments Using a Simple Computational Strategy. Journal of Chemical Information and Modeling, 2016, 56, 1714-1724.	5.4	97
3	On the peroxy scavenging activity of hydroxycinnamic acid derivatives: mechanisms, kinetics, and importance of the acid-base equilibrium. Physical Chemistry Chemical Physics, 2012, 14, 12534.	2.8	68
4	Influence of the Environment on the Protective Effects of Guaiacol Derivatives against Oxidative Stress: Mechanisms, Kinetics, and Relative Antioxidant Activity. Journal of Physical Chemistry B, 2012, 116, 7129-7137.	2.6	33
5	Uric and 1-Methyluric Acids: Metabolic Wastes or Antiradical Protectors?. Journal of Physical Chemistry B, 2011, 115, 15430-15438.	2.6	23
6	Deprotonation routes of anthocyanidins in aqueous solution, pK_a values, and speciation under physiological conditions. RSC Advances, 2016, 6, 53421-53429.	3.6	22
7	On the chemical behavior of C60 hosting H2O and other isoelectronic neutral molecules. Journal of Molecular Modeling, 2014, 20, 2412.	1.8	21
8	Free radical scavenging activity of caffeine's metabolites. International Journal of Quantum Chemistry, 2012, 112, 3472-3478.	2.0	17
9	Incorporation of novel azobenzene dyes bearing oligo(ethylene glycol) spacers into first generation dendrimers. Dyes and Pigments, 2015, 116, 1-12.	3.7	8
10	Reactivity Indexes and O-H Bond Dissociation Energies of a Large Series of Polyphenols: Implications for their Free Radical Scavenging Activity. Journal of the Mexican Chemical Society, 2017, 56, .	0.6	7
11	Boron as intruder in planar gold clusters. How does its presence modify reactivity?. Computational and Theoretical Chemistry, 2013, 1021, 35-40.	2.5	5
12	New Free Radicals to Measure Antiradical Capacity: A Theoretical Study. Journal of Physical Chemistry B, 2014, 118, 10092-10100.	2.6	3