

Maria Carmen Catapano

List of Publications by Year in descending order

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17
papers

272
citations

1040056

9
h-index

888059

17
g-index

17
all docs

17
docs citations

17
times ranked

371
citing authors

#	ARTICLE	IF	CITATIONS
1	LC-MS/MS and volumetric absorptive microsampling for quantitative bioanalysis of cathinone analogues in dried urine, plasma and oral fluid samples. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 123, 186-194.	2.8	100
2	Determination of oxycodone and its major metabolites in haematic and urinary matrices: Comparison of traditional and miniaturised sampling approaches. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 152, 204-214.	2.8	53
3	The Stoichiometry of Isoquercitrin Complex with Iron or Copper Is Highly Dependent on Experimental Conditions. <i>Nutrients</i> , 2017, 9, 1193.	4.1	19
4	An Original HPLC Method with Coulometric Detection to Monitor Hydroxyl Radical Generation via Fenton Chemistry. <i>Molecules</i> , 2019, 24, 3066.	3.8	16
5	Chelation of Iron and Copper by Quercetin B-Ring Methyl Metabolites, Isorhamnetin and Tamarixetin, and Their Effect on Metal-Based Fenton Chemistry. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 5926-5937.	5.2	13
6	Analysis of β -hydroxy butyrate by combining capillary electrophoresis-indirect detection and wall dynamic coating: application to dried matrices. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 8893-8901.	3.7	12
7	The effect of flavonoids on the reduction of cupric ions, the copper-driven Fenton reaction and copper-triggered haemolysis. <i>Food Chemistry</i> , 2022, 394, 133461.	8.2	12
8	A simple, cheap but reliable method for evaluation of zinc chelating properties. <i>Bioorganic Chemistry</i> , 2018, 77, 287-292.	4.1	11
9	Interaction of isolated silymarin flavonolignans with iron and copper. <i>Journal of Inorganic Biochemistry</i> , 2018, 189, 115-123.	3.5	11
10	Mono and dihydroxy coumarin derivatives: Copper chelation and reduction ability. <i>Journal of Trace Elements in Medicine and Biology</i> , 2018, 46, 88-95.	3.0	6
11	Amaryllidaceae Alkaloids of Norbelladine-Type as Inspiration for Development of Highly Selective Butyrylcholinesterase Inhibitors: Synthesis, Biological Activity Evaluation, and Docking Studies. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8308.	4.1	5
12	Derivatives of montanine-type alkaloids and their implication for the treatment of Alzheimer's disease: Synthesis, biological activity and in silico study. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2021, 51, 128374.	2.2	4
13	The influence of microbial isoflavonoid specific metabolites on platelets and transition metals iron and copper. <i>Phytomedicine</i> , 2019, 62, 152974.	5.3	3
14	Featuring ultimate sensitivity of high-resolution LC-MS analysis of phenolics in rat plasma. <i>Journal of Separation Science</i> , 2021, 44, 1893-1903.	2.5	3
15	Probing the Structure and Function of the Cytosolic Domain of the Human Zinc Transporter ZnT8 with Nickel(II) Ions. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2940.	4.1	2
16	Hematoxylin assay of cupric chelation can give false positive results. <i>Journal of Trace Elements in Medicine and Biology</i> , 2019, 52, 29-36.	3.0	1
17	Dehydroflavonolignans from Silymarin Potentiate Transition Metal Toxicity In Vitro but Are Protective for Isolated Erythrocytes Ex Vivo. <i>Antioxidants</i> , 2021, 10, 679.	5.1	1