

Maria Herranz-Lopez

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

40
papers

1,322
citations

21
h-index

36
g-index

42
ext. papers

1,618
ext. citations

5.4
avg, IF

4.67
L-index

#	Paper	IF	Citations
40	An Updated Review on Marine Anticancer Compounds: The Use of Virtual Screening for the Discovery of Small-Molecule Cancer Drugs. <i>Molecules</i> , 2017 , 22,	4.8	113
39	Xenohormetic and anti-aging activity of secoiridoid polyphenols present in extra virgin olive oil: a new family of gerosuppressant agents. <i>Cell Cycle</i> , 2013 , 12, 555-78	4.7	113
38	Synergism of plant-derived polyphenols in adipogenesis: perspectives and implications. <i>Phytomedicine</i> , 2012 , 19, 253-61	6.5	100
37	Plant-derived polyphenols regulate expression of miRNA paralogs miR-103/107 and miR-122 and prevent diet-induced fatty liver disease in hyperlipidemic mice. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2012 , 1820, 894-9	4	94
36	Continuous administration of polyphenols from aqueous rooibos (<i>Aspalathus linearis</i>) extract ameliorates dietary-induced metabolic disturbances in hyperlipidemic mice. <i>Phytomedicine</i> , 2011 , 18, 414-24	6.5	73
35	Molecular promiscuity of plant polyphenols in the management of age-related diseases: far beyond their antioxidant properties. <i>Advances in Experimental Medicine and Biology</i> , 2014 , 824, 141-59	3.6	66
34	Nutraceuticals for Skin Care: A Comprehensive Review of Human Clinical Studies. <i>Nutrients</i> , 2018 , 10,	6.7	65
33	Phenylpropanoids and their metabolites are the major compounds responsible for blood-cell protection against oxidative stress after administration of <i>Lippia citriodora</i> in rats. <i>Phytomedicine</i> , 2013 , 20, 1112-8	6.5	57
32	Lemon verbena (<i>Lippia citriodora</i>) polyphenols alleviate obesity-related disturbances in hypertrophic adipocytes through AMPK-dependent mechanisms. <i>Phytomedicine</i> , 2015 , 22, 605-14	6.5	53
31	Lemon balm extract (<i>Melissa officinalis</i> , L.) promotes melanogenesis and prevents UVB-induced oxidative stress and DNA damage in a skin cell model. <i>Journal of Dermatological Science</i> , 2016 , 84, 169-177	4.7	53
30	Bioavailability study of a polyphenol-enriched extract from <i>Hibiscus sabdariffa</i> in rats and associated antioxidant status. <i>Molecular Nutrition and Food Research</i> , 2012 , 56, 1590-5	5.9	52
29	Polyphenols as Promising Drugs against Main Breast Cancer Signatures. <i>Antioxidants</i> , 2017 , 6,	7.1	39
28	Hibiscus and lemon verbena polyphenols modulate appetite-related biomarkers in overweight subjects: a randomized controlled trial. <i>Food and Function</i> , 2018 , 9, 3173-3184	6.1	38
27	Multi-Targeted Molecular Effects of <i>Hibiscus sabdariffa</i> Polyphenols: An Opportunity for a Global Approach to Obesity. <i>Nutrients</i> , 2017 , 9,	6.7	38
26	Antibacterial plant compounds, extracts and essential oils: An updated review on their effects and putative mechanisms of action. <i>Phytomedicine</i> , 2021 , 90, 153626	6.5	35
25	Rosemary (<i>Rosmarinus officinalis</i>) extract causes ROS-induced necrotic cell death and inhibits tumor growth in vivo. <i>Scientific Reports</i> , 2019 , 9, 808	4.9	34
24	Plant-Derived Polyphenols in Human Health: Biological Activity, Metabolites and Putative Molecular Targets. <i>Current Drug Metabolism</i> , 2018 , 19, 351-369	3.5	32

23	Antioxidant and Photoprotective Activity of Apigenin and its Potassium Salt Derivative in Human Keratinocytes and Absorption in Caco-2 Cell Monolayers. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	26
22	Relationships Between Chemical Structure and Antioxidant Activity of Isolated Phytocompounds from Lemon Verbena. <i>Antioxidants</i> , 2019 , 8,	7.1	26
21	Permeability Study of Polyphenols Derived from a Phenolic-Enriched Hibiscus sabdariffa Extract by UHPLC-ESI-UHR-Qq-TOF-MS. <i>International Journal of Molecular Sciences</i> , 2015 , 16, 18396-411	6.3	24
20	Differential effects of a combination of Hibiscus sabdariffa and Lippia citriodora polyphenols in overweight/obese subjects: A randomized controlled trial. <i>Scientific Reports</i> , 2019 , 9, 2999	4.9	23
19	AMPK modulatory activity of olive-tree leaves phenolic compounds: Bioassay-guided isolation on adipocyte model and in silico approach. <i>PLoS ONE</i> , 2017 , 12, e0173074	3.7	20
18	Bioassay-guided purification of Lippia citriodora polyphenols with AMPK modulatory activity. <i>Journal of Functional Foods</i> , 2018 , 46, 514-520	5.1	16
17	The Multitarget Activity of Natural Extracts on Cancer: Synergy and Xenohormesis. <i>Medicines (Basel, Switzerland)</i> , 2018 , 6,	4.1	16
16	Correlation between the cellular metabolism of quercetin and its glucuronide metabolite and oxidative stress in hypertrophied 3T3-L1 adipocytes. <i>Phytomedicine</i> , 2017 , 25, 25-28	6.5	15
15	Kinetic changes of polyphenols, anthocyanins and antioxidant capacity in forced aged hibiscus ale beer. <i>Journal of the Institute of Brewing</i> , 2017 , 123, 58-65	2	14
14	New Mammalian Target of Rapamycin (mTOR) Modulators Derived from Natural Product Databases and Marine Extracts by Using Molecular Docking Techniques. <i>Marine Drugs</i> , 2018 , 16,	6	13
13	Further exploring the absorption and enterocyte metabolism of quercetin forms in the Caco-2 model using nano-LC-TOF-MS. <i>Electrophoresis</i> , 2016 , 37, 998-1006	3.6	12
12	The Potential Synergistic Modulation of AMPK by Compounds as a Target in Metabolic Disorders. <i>Nutrients</i> , 2019 , 11,	6.7	11
11	Sweet Cherry Byproducts Processed by Green Extraction Techniques as a Source of Bioactive Compounds with Antiaging Properties. <i>Antioxidants</i> , 2020 , 9,	7.1	9
10	Marine Invertebrate Extracts Induce Colon Cancer Cell Death via ROS-Mediated DNA Oxidative Damage and Mitochondrial Impairment. <i>Biomolecules</i> , 2019 , 9,	5.9	8
9	Rosemary Diterpenes and Flavanone Aglycones Provide Improved Genoprotection against UV-Induced DNA Damage in a Human Skin Cell Model. <i>Antioxidants</i> , 2020 , 9,	7.1	8
8	Quercetin metabolites from Hibiscus sabdariffa contribute to alleviate glucolipototoxicity-induced metabolic stress in vitro. <i>Food and Chemical Toxicology</i> , 2020 , 144, 111606	4.7	5
7	Antioxidant Supplementation Modulates Neutrophil Inflammatory Response to Exercise-Induced Stress. <i>Antioxidants</i> , 2020 , 9,	7.1	4
6	Effect of metaboloid□ on pre- and stage 1 hypertensive patients: A randomized controlled trial. <i>Journal of Functional Foods</i> , 2021 , 84, 104583	5.1	3

- 5 Calorie Restriction Improves Physical Performance and Modulates the Antioxidant and Inflammatory Responses to Acute Exercise. *Nutrients*, **2020**, 12, 6.7 2
- 4 Glutathione-dependent enzyme activities of peripheral blood mononuclear cells decrease during the winter season compared with the summer in normal-weight and severely obese adolescents. *Journal of Physiology and Biochemistry*, **2019**, 75, 321-327 5 2
- 3 Oxidative damage is present in plasma and circulating neutrophils 4 weeks after a high mountain expedition. *European Journal of Applied Physiology*, **2012**, 112, 2923-32 3.4 2
- 2 Bioactive Antioxidant Compounds from Chestnut Peels through Semi-Industrial Subcritical Water Extraction. *Antioxidants*, **2022**, 11, 988 7.1 2
- 1 The Vascular Niche for Adult Cardiac Progenitor Cells. *Antioxidants*, **2022**, 11, 882 7.1