

Maria Herranz-Lopez

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3266837/publications.pdf>

Version: 2024-02-01

41
papers

1,910
citations

257357

24
h-index

265120

42
g-index

42
all docs

42
docs citations

42
times ranked

3024
citing authors

#	ARTICLE	IF	CITATIONS
1	Antibacterial plant compounds, extracts and essential oils: An updated review on their effects and putative mechanisms of action. <i>Phytomedicine</i> , 2021, 90, 153626.	2.3	167
2	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, 1037.	1.7	155
3	Xenohormetic and anti-aging activity of secoiridoid polyphenols present in extra virgin olive oil. <i>Cell Cycle</i> , 2013, 12, 555-578.	1.3	131
4	Synergism of plant-derived polyphenols in adipogenesis: Perspectives and implications. <i>Phytomedicine</i> , 2012, 19, 253-261.	2.3	122
5	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, 894-899.	1.1	117
6	Nutraceuticals for Skin Care: A Comprehensive Review of Human Clinical Studies. <i>Nutrients</i> , 2018, 10, 403.	1.7	101
7	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, 414-424.	2.3	79
8	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, 141-159.	0.8	77
9	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, 1112-1118.	2.3	67
10	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.	1.0	65
11	Lemon verbena (<i>Lippia citriodora</i>) polyphenols alleviate obesity-related disturbances in hypertrophic adipocytes through AMPK-dependent mechanisms. <i>Phytomedicine</i> , 2015, 22, 605-614.	2.3	61
12	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, 1590-1595.	1.5	58
13	Polyphenols as Promising Drugs against Main Breast Cancer Signatures. <i>Antioxidants</i> , 2017, 6, 88.	2.2	58
14	Multi-Targeted Molecular Effects of <i>Hibiscus sabdariffa</i> Polyphenols: An Opportunity for a Global Approach to Obesity. <i>Nutrients</i> , 2017, 9, 907.	1.7	55
15	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.	2.1	53
16	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.	1.6	50
17	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, 2148.	1.8	50
18	Plant-Derived Polyphenols in Human Health: Biological Activity, Metabolites and Putative Molecular Targets. <i>Current Drug Metabolism</i> , 2018, 19, 351-369.	0.7	42

#	ARTICLE	IF	CITATIONS
19	Relationships Between Chemical Structure and Antioxidant Activity of Isolated Phytocompounds from Lemon Verbena. <i>Antioxidants</i> , 2019, 8, 324.	2.2	39
20	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, 385.	2.2	29
21	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.	1.6	29
22	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, 18396-18411.	1.8	28
23	The Multitarget Activity of Natural Extracts on Cancer: Synergy and Xenohormesis. <i>Medicines (Basel)</i> , 2019, 8, 27.	0.7	27
24	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.	0.8	24
25	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.	1.1	24
26	Marine Invertebrate Extracts Induce Colon Cancer Cell Death via ROS-Mediated DNA Oxidative Damage and Mitochondrial Impairment. <i>Biomolecules</i> , 2019, 9, 771.	1.8	21
27	Bioactive Antioxidant Compounds from Chestnut Peels through Semi-Industrial Subcritical Water Extraction. <i>Antioxidants</i> , 2022, 11, 988.	2.2	21
28	Bioassay-guided purification of Lippia citriodora polyphenols with AMPK modulatory activity. <i>Journal of Functional Foods</i> , 2018, 46, 514-520.	1.6	20
29	Sweet Cherry Byproducts Processed by Green Extraction Techniques as a Source of Bioactive Compounds with Antiaging Properties. <i>Antioxidants</i> , 2020, 9, 418.	2.2	18
30	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.	2.3	17
31	Rosemary Diterpenes and Flavanone Aglycones Provide Improved Genoprotection against UV-Induced DNA Damage in a Human Skin Cell Model. <i>Antioxidants</i> , 2020, 9, 255.	2.2	17
32	The Potential Synergistic Modulation of AMPK by Lippia citriodora Compounds as a Target in Metabolic Disorders. <i>Nutrients</i> , 2019, 11, 2961.	1.7	16
33	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.	1.3	14
34	Quercetin metabolites from Hibiscus sabdariffa contribute to alleviate glucolipototoxicity-induced metabolic stress in vitro. <i>Food and Chemical Toxicology</i> , 2020, 144, 111606.	1.8	11
35	Antioxidant Supplementation Modulates Neutrophil Inflammatory Response to Exercise-Induced Stress. <i>Antioxidants</i> , 2020, 9, 1242.	2.2	11
36	Calorie Restriction Improves Physical Performance and Modulates the Antioxidant and Inflammatory Responses to Acute Exercise. <i>Nutrients</i> , 2020, 12, 930.	1.7	10

#	ARTICLE	IF	CITATIONS
37	Antioxidants and Skin Protection. <i>Antioxidants</i> , 2020, 9, 704.	2.2	6
38	Effect of metabolaid® on pre- and stage 1 hypertensive patients: A randomized controlled trial. <i>Journal of Functional Foods</i> , 2021, 84, 104583.	1.6	6
39	Oxidative damage is present in plasma and circulating neutrophils 4 weeks after a high mountain expedition. <i>European Journal of Applied Physiology</i> , 2012, 112, 2923-2932.	1.2	5
40	The Vascular Niche for Adult Cardiac Progenitor Cells. <i>Antioxidants</i> , 2022, 11, 882.	2.2	3
41	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. <i>Journal of Physiology and Biochemistry</i> , 2019, 75, 321-327.	1.3	2