Vicente Micol

List of Publications by Year
in descending order

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158	8,126	34016	60497
papers	citations	52 h-index	81 g-index

163	163	163	11032
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The relationship between the antioxidant and the antibacterial properties of galloylated catechins and the structure of phospholipid model membranes. Free Radical Biology and Medicine, 2003, 34, 648-662.	1.3	237
2	The olive leaf extract exhibits antiviral activity against viral haemorrhagic septicaemia rhabdovirus (VHSV). Antiviral Research, 2005, 66, 129-136.	1.9	216
3	Relationship between the Antioxidant Capacity and Effect of Rosemary (Rosmarinus officinalis L.) Polyphenols on Membrane Phospholipid Order. Journal of Agricultural and Food Chemistry, 2010, 58, 161-171.	2.4	199
4	Membrane-related effects underlying the biological activity of the anthraquinones emodin and barbaloin. Biochemical Pharmacology, 2004, 68, 549-561.	2.0	186
5	The Mitochondrial Myopathy, Encephalopathy, Lactic Acidosis, and Stroke-like Episode Syndrome-associated Human Mitochondrial tRNALeu(UUR) Mutation Causes Aminoacylation Deficiency and Concomitant Reduced Association of mRNA with Ribosomes. Journal of Biological Chemistry, 2000, 275, 19198-19209.	1.6	176
6	Antibacterial plant compounds, extracts and essential oils: An updated review on their effects and putative mechanisms of action. Phytomedicine, 2021, 90, 153626.	2.3	167
7	Kinetic and compositional study of phenolic extraction from olive leaves (var. Serrana) by using power ultrasound. Innovative Food Science and Emerging Technologies, 2013, 17, 120-129.	2.7	166
8	Membranotropic Effects of the Antibacterial Agent Triclosan. Archives of Biochemistry and Biophysics, 2001, 390, 128-136.	1.4	155
9	An Updated Review on Marine Anticancer Compounds: The Use of Virtual Screening for the Discovery of Small-Molecule Cancer Drugs. Molecules, 2017, 22, 1037.	1.7	155
10	The human mitochondrial transcription termination factor (mTERF) is a multizipper protein but binds to DNA as a monomer, with evidence pointing to intramolecular leucine zipper interactions. EMBO Journal, 1997, 16, 1066-1079.	3.5	152
11	Xenohormetic and anti-aging activity of secoiridoid polyphenols present in extra virgin olive oil. Cell Cycle, 2013, 12, 555-578.	1.3	131
12	Use of advanced techniques for the extraction of phenolic compounds from Tunisian olive leaves: Phenolic composition and cytotoxicity against human breast cancer cells. Food and Chemical Toxicology, 2012, 50, 1817-1825.	1.8	130
13	Synergism of plant-derived polyphenols in adipogenesis: Perspectives and implications. Phytomedicine, 2012, 19, 253-261.	2.3	122
14	Cistaceae aqueous extracts containing ellagitannins show antioxidant and antimicrobial capacity, and cytotoxic activity against human cancer cells. Food and Chemical Toxicology, 2010, 48, 2273-2282.	1.8	120
15	Qualitative screening of phenolic compounds in olive leaf extracts by hyphenated liquid chromatography and preliminary evaluation of cytotoxic activity against human breast cancer cells. Analytical and Bioanalytical Chemistry, 2010, 397, 643-654.	1.9	119
16	Correlation between plasma antioxidant capacity and verbascoside levels in rats after oral administration of lemon verbena extract. Food Chemistry, 2009, 117, 589-598.	4.2	118
17	Plant-derived polyphenols regulate expression of miRNA paralogs miR-103/107 and miR-122 and prevent diet-induced fatty liver disease in hyperlipidemic mice. Biochimica Et Biophysica Acta - General Subjects, 2012, 1820, 894-899.	1.1	117
18	Protective effects of citrus and rosemary extracts on UV-induced damage in skin cell model and human volunteers. Journal of Photochemistry and Photobiology B: Biology, 2014, 136, 12-18.	1.7	114

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19	Antimicrobial Capacity of Plant Polyphenols against Gram-positive Bacteria: A Comprehensive Review. Current Medicinal Chemistry, 2020, 27, 2576-2606.	1.2	106
20	Metabolomic fingerprint reveals that metformin impairs one-carbon metabolism in a manner similar to the antifolate class of chemotherapy drugs. Aging, 2012, 4, 480-498.	1.4	104
21	Nutraceuticals for Skin Care: A Comprehensive Review of Human Clinical Studies. Nutrients, 2018, 10, 403.	1.7	101
22	A systematic study of the polyphenolic composition of aqueous extracts deriving from several Cistus genus species: evolutionary relationship. Phytochemical Analysis, 2011, 22, 303-312.	1.2	96
23	Quantification of the polyphenolic fraction and in vitro antioxidant and in vivo anti-hyperlipemic activities of Hibiscus sabdariffa aqueous extract. Food Research International, 2011, 44, 1490-1495.	2.9	95
24	Polyphenols and the Modulation of Gene Expression Pathways: Can We Eat Our Way Out of the Danger of Chronic Disease?. Critical Reviews in Food Science and Nutrition, 2014, 54, 985-1001.	5.4	91
25	High-performance liquid chromatography with diode array detection coupled to electrospray time-of-flight and ion-trap tandem mass spectrometry to identify phenolic compounds from a lemon verbena extract. Journal of Chromatography A, 2009, 1216, 5391-5397.	1.8	90
26	Immunoliposome encapsulation increases cytotoxic activity and selectivity of curcumin and resveratrol against HER2 overexpressing human breast cancer cells. Breast Cancer Research and Treatment, 2013, 141, 55-65.	1.1	86
27	Influence of freezing and dehydration of olive leaves (var. Serrana) on extract composition and antioxidant potential. Food Research International, 2013, 50, 189-196.	2.9	86
28	Tackling Antibiotic Resistance with Compounds of Natural Origin: A Comprehensive Review. Biomedicines, 2020, 8, 405.	1.4	86
29	The aqueous extract of Hibiscus sabdariffa calices modulates the production of monocyte chemoattractant protein-1 in humans. Phytomedicine, 2010, 17, 186-191.	2.3	85
30	Effects of verbascoside, a phenylpropanoid glycoside from lemon verbena, on phospholipid model membranes. Chemistry and Physics of Lipids, 2010, 163, 190-199.	1.5	85
31	Isolation, characterization and antioxidant capacity assessment of the bioactive compounds derived from Hypoxis rooperi corm extract (African potato). Food Chemistry, 2007, 101, 1425-1437.	4.2	84
32	Determination of Piceid and Resveratrol in Spanish Wines Deriving fromMonastrell(Vitis vinifera L.) Grape Variety. Journal of Agricultural and Food Chemistry, 2004, 52, 5396-5403.	2.4	82
33	Correlation between the antibacterial activity and the composition of extracts derived from various Spanish Cistus species. Food and Chemical Toxicology, 2013, 55, 313-322.	1.8	81
34	Kinetic improvement of olive leavesâ€™ bioactive compounds extraction by using power ultrasound in a wide temperature range. Ultrasonics Sonochemistry, 2017, 34, 466-473.	3.8	80
35	Continuous administration of polyphenols from aqueous rooibos (Aspalathus linearis) extract ameliorates dietary-induced metabolic disturbances in hyperlipidemic mice. Phytomedicine, 2011, 18, 414-424.	2.3	79
36	Molecular Promiscuity of Plant Polyphenols in the Management of Age-Related Diseases: Far Beyond Their Antioxidant Properties. Advances in Experimental Medicine and Biology, 2014, 824, 141-159.	0.8	77

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37	The Cancer Chemopreventive Agent Resveratrol Is Incorporated into Model Membranes and Inhibits Protein Kinase C Î± Activity. Archives of Biochemistry and Biophysics, 1999, 372, 382-388.	1.4	74
38	IGF-1R/epithelial-to-mesenchymal transition (EMT) crosstalk suppresses the erlotinib-sensitizing effect of EGFR exon 19 deletion mutations. Scientific Reports, 2013, 3, 2560.	1.6	74
39	Rosemary (Rosmarinus officinalis) diterpenes affect lipid polymorphism and fluidity in phospholipid membranes. Archives of Biochemistry and Biophysics, 2006, 453, 224-236.	1.4	72
40	Infrared spectroscopic study of the interaction of diacylglycerol with phosphatidylserine in the presence of calcium. Lipids and Lipid Metabolism, 1993, 1169, 264-272.	2.6	67
41	Phenylpropanoids and their metabolites are the major compounds responsible for blood-cell protection against oxidative stress after administration of Lippia citriodora in rats. Phytomedicine, 2013, 20, 1112-1118.	2.3	67
42	Silibinin suppresses EMT-driven erlotinib resistance by reversing the high miR-21/low miR-200c signature in vivo. Scientific Reports, 2013, 3, 2459.	1.6	67
43	Stem cell-like ALDH‹sup›bright‹/sup›cellular states in EGFR-mutant non-small cell lung cancer: A novel mechanism of acquired resistance to erlotinib targetable with the natural polyphenol silibinin. Cell Cycle, 2013, 12, 3390-3404.	1.3	65
44	Lemon balm extract (Melissa officinalis , L.) promotes melanogenesis and prevents UVB-induced oxidative stress and DNA damage in a skin cell model. Journal of Dermatological Science, 2016, 84, 169-177.	1.0	65
45	Lemon verbena (Lippia citriodora) polyphenols alleviate obesity-related disturbances in hypertrophic adipocytes through AMPK-dependent mechanisms. Phytomedicine, 2015, 22, 605-614.	2.3	61
46	Pressurized liquid extraction of Neochloris oleoabundans for the recovery of bioactive carotenoids with anti-proliferative activity against human colon cancer cells. Food Research International, 2017, 99, 1048-1055.	2.9	61
47	The metabolic and vascular protective effects of olive (Olea europaea L.) leaf extract in diet-induced obesity in mice are related to the amelioration of gut microbiota dysbiosis and to its immunomodulatory properties. Pharmacological Research, 2019, 150, 104487.	3.1	59
48	Bioavailability study of a polyphenolâ€enriched extract from ‹i›‹scp›H‹/scp›ibiscus sabdariffa‹/i› in rats and associated antioxidant status. Molecular Nutrition and Food Research, 2012, 56, 1590-1595.	1.5	58
49	Polyphenols as Promising Drugs against Main Breast Cancer Signatures. Antioxidants, 2017, 6, 88.	2.2	58
50	Metformin lowers the threshold for stress-induced senescence: A role for the microRNA-200 family and miR-205. Cell Cycle, 2012, 11, 1235-1246.	1.3	56
51	Multifunctional targets of dietary polyphenols in disease: A case for the chemokine network and energy metabolism. Food and Chemical Toxicology, 2013, 51, 267-279.	1.8	55
52	Multi-Targeted Molecular Effects of Hibiscus sabdariffa Polyphenols: An Opportunity for a Global Approach to Obesity. Nutrients, 2017, 9, 907.	1.7	55
53	Selective death of human breast cancer cells by lytic immunoliposomes: Correlation with their HER2 expression level. Cancer Letters, 2010, 290, 192-203.	3.2	54
54	Comprehensive Foodomics Study on the Mechanisms Operating at Various Molecular Levels in Cancer Cells in Response to Individual Rosemary Polyphenols. Analytical Chemistry, 2014, 86, 9807-9815.	3.2	54

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55	Silibinin meglumine, a water-soluble form of milk thistle silymarin, is an orally active anti-cancer agent that impedes the epithelial-to-mesenchymal transition (EMT) in EGFR-mutant non-small-cell lung carcinoma cells. Food and Chemical Toxicology, 2013, 60, 360-368.	1.8	53
56	Extra-virgin olive oil contains a metabolo-epigenetic inhibitor of cancer stem cells. Carcinogenesis, 2018, 39, 601-613.	1.3	53
57	Hibiscus and lemon verbena polyphenols modulate appetite-related biomarkers in overweight subjects: a randomized controlled trial. Food and Function, 2018, 9, 3173-3184.	2.1	53
58	Hibiscus sabdariffa extract lowers blood pressure and improves endothelial function. Molecular Nutrition and Food Research, 2014, 58, 1374-1378.	1.5	52
59	Influence of Olive Leaf Processing on the Bioaccessibility of Bioactive Polyphenols. Journal of Agricultural and Food Chemistry, 2014, 62, 6190-6198.	2.4	52
60	Silibinin is a direct inhibitor of STAT3. Food and Chemical Toxicology, 2018, 116, 161-172.	1.8	52
61	Highâ€performance liquid chromatography with diode array detection coupled to electrospray timeâ€ofâ€flight and ionâ€trap tandem mass spectrometry to identify phenolic compounds from a Cistus ladanifer aqueous extract. Phytochemical Analysis, 2010, 21, 307-313.	1.2	51
62	A metabolite-profiling approach to assess the uptake and metabolism of phenolic compounds from olive leaves in SKBR3 cells by HPLCâ€“ESI-QTOF-MS. Journal of Pharmaceutical and Biomedical Analysis, 2013, 72, 121-126.	1.4	51
63	Rosemary (Rosmarinus officinalis) extract causes ROS-induced necrotic cell death and inhibits tumor growth in vivo. Scientific Reports, 2019, 9, 808.	1.6	50
64	A bioguided identification of the active compounds that contribute to the antiproliferative/cytotoxic effects of rosemary extract on colon cancer cells. Food and Chemical Toxicology, 2015, 80, 215-222.	1.8	49
65	STAT3-targeted treatment with silibinin overcomes the acquired resistance to crizotinib in ALK-rearranged lung cancer. Cell Cycle, 2016, 15, 3413-3418.	1.3	49
66	Differential effects of oleuropein, a biophenol from Olea europaea, on anionic and zwiterionic phospholipid model membranes. Chemistry and Physics of Lipids, 2005, 137, 2-17.	1.5	47
67	Effect of lemon verbena supplementation on muscular damage markers, proinflammatory cytokines release and neutrophilsâ€™ oxidative stress in chronic exercise. European Journal of Applied Physiology, 2011, 111, 695-705.	1.2	45
68	Influence of vitamin E on phosphatidylethanolamine lipid polymorphism. Biochimica Et Biophysica Acta - Biomembranes, 1990, 1022, 194-202.	1.4	44
69	Plant-Derived Polyphenols in Human Health: Biological Activity, Metabolites and Putative Molecular Targets. Current Drug Metabolism, 2018, 19, 351-369.	0.7	42
70	A comparative study of the activation of protein kinase C Î± by different diacylglycerol isomers. Biochemical Journal, 1999, 337, 387-395.	1.7	41
71	A ready-to-use fluorimetric biosensor for superoxide radical using superoxide dismutase and peroxidase immobilized in solâ€“gel glasses. Analytical Biochemistry, 2004, 334, 335-343.	1.1	41
72	Effects of (+)-totarol, a diterpenoid antibacterial agent, on phospholipid model membranes. Biochimica Et Biophysica Acta - Biomembranes, 2001, 1511, 281-290.	1.4	39

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73	Antioxidant effect of lemon verbena extracts in lymphocytes of university students performing aerobic training program. Scandinavian Journal of Medicine and Science in Sports, 2012, 22, 454-461.	1.3	39
74	Relationships Between Chemical Structure and Antioxidant Activity of Isolated Phytocompounds from Lemon Verbena. Antioxidants, 2019, 8, 324.	2.2	39
75	Influence of air temperature on drying kinetics and antioxidant potential of olive pomace. Journal of Food Engineering, 2013, 119, 516-524.	2.7	38
76	Looking for inhibitors of the dengue virus NS5 RNA-dependent RNA-polymerase using a molecular docking approach. Drug Design, Development and Therapy, 2016, Volume 10, 3163-3181.	2.0	38
77	In silico approach for the discovery of new PPARγ modulators among plant-derived polyphenols. Drug Design, Development and Therapy, 2015, 9, 5877.	2.0	37
78	Interaction of sphingosine and stearylamine with phosphatidylserine as studied by DSC and NMR. Biochimica Et Biophysica Acta - Biomembranes, 1993, 1153, 1-8.	1.4	36
79	Phenolic Secoiridoids in Extra Virgin Olive Oil Impede Fibrogenic and Oncogenic Epithelial-to-Mesenchymal Transition: Extra Virgin Olive Oil As a Source of Novel Antiaging Phytochemicals. Rejuvenation Research, 2012, 15, 3-21.	0.9	36
80	Skin photoprotective and antiageing effects of a combination of rosemary (Rosmarinus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 467 Tc 60, 31871.	1.2	36
81	Correlation between Protein Kinase C Î± Activity and Membrane Phase Behavior. Biophysical Journal, 1999, 76, 916-927.	0.2	35
82	Antimicrobial activity of foodâ€compatible plant extracts and chitosan against naturally occurring microâ€organisms in tomato juice. Journal of the Science of Food and Agriculture, 2012, 92, 1917-1923.	1.7	35
83	Effect of omega-3 dietary supplements with different oxidation levels in the lipidic profile of women: a randomized controlled trial. International Journal of Food Sciences and Nutrition, 2013, 64, 993-1000.	1.3	35
84	Differential metabolomic analysis of the potential antiproliferative mechanism of olive leaf extract on the JIMT-1 breast cancer cell line. Journal of Pharmaceutical and Biomedical Analysis, 2015, 105, 156-162.	1.4	35
85	Metabolomic analysis of the effects of a commercial complex biostimulant on pepper crops. Food Chemistry, 2020, 310, 125818.	4.2	35
86	Evaluation of the intestinal permeability of rosemary (Rosmarinus officinalis L.) extract polyphenols and terpenoids in Caco-2 cell monolayers. PLoS ONE, 2017, 12, e0172063.	1.1	35
87	Progress in the Synthesis of Poly(2,7-Fluorene-alt-1,4-Phenylene), PFP, via Suzuki Coupling.. Macromolecules, 2009, 42, 5471-5477.	2.2	34
88	A Randomized, Double-Blinded, Placebo-Controlled Study of the Effect of a Combination of Lemon Verbena Extract and Fish Oil Omega-3 Fatty Acid on Joint Management. Journal of Alternative and Complementary Medicine, 2011, 17, 1051-1063.	2.1	34
89	Phytoestrogens enhance antioxidant enzymes after swimming exercise and modulate sex hormone plasma levels in female swimmers. European Journal of Applied Physiology, 2011, 111, 2281-2294.	1.2	34
90	Melittin-loaded immunoliposomes against viral surface proteins, a new approach to antiviral therapy. Antiviral Research, 2013, 97, 218-221.	1.9	34

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91	The Promiscuous and Synergic Molecular Interaction of Polyphenols in Bactericidal Activity: An Opportunity to Improve the Performance of Antibiotics?. Phytotherapy Research, 2015, 29, 466-473.	2.8	34
92	Functional Analysis of in Vivo and in Organello Footprinting of HeLa Cell Mitochondrial DNA in Relationship to ATP and Ethidium Bromide Effects on Transcription. Journal of Biological Chemistry, 1997, 272, 18896-18904.	1.6	33
93	Drying and storage of olive leaf extracts. Influence on polyphenols stability. Industrial Crops and Products, 2016, 79, 232-239.	2.5	33
94	Role of membranes on the antibacterial and anti-inflammatory activities of the bioactive compounds from Hypoxis rooperi corm extract. Archives of Biochemistry and Biophysics, 2007, 467, 119-131.	1.4	32
95	Intestinal Permeability Study of Clinically Relevant Formulations of Silibinin in Caco-2 Cell Monolayers. International Journal of Molecular Sciences, 2019, 20, 1606.	1.8	32
96	1,2-Dioleoylglycerol promotes calcium-induced fusion in phospholipid vesicles. Chemistry and Physics of Lipids, 1992, 62, 215-224.	1.5	30
97	Phenolic compounds in rosemary as potential source of bioactive compounds against colorectal cancer: In situ absorption and metabolism study. Journal of Functional Foods, 2017, 33, 202-210.	1.6	30
98	The prebiotic properties of Hibiscus sabdariffa extract contribute to the beneficial effects in diet-induced obesity in mice. Food Research International, 2020, 127, 108722.	2.9	30
99	New Mammalian Target of Rapamycin (mTOR) Modulators Derived from Natural Product Databases and Marine Extracts by Using Molecular Docking Techniques. Marine Drugs, 2018, 16, 385.	2.2	29
100	Differential effects of a combination of Hibiscus sabdariffa and Lippia citriodora polyphenols in overweight/obese subjects: A randomized controlled trial. Scientific Reports, 2019, 9, 2999.	1.6	29
101	Computer-aided discovery of biological activity spectra for anti-aging and anti-cancer olive oil oleuropeins. Aging, 2014, 6, 731-741.	1.4	29
102	Crude phenolic extracts from extra virgin olive oil circumvent de novo breast cancer resistance to HER1/HER2-targeting drugs by inducing GADD45-sensed cellular stress, G2/M arrest and hyperacetylation of Histone H3. International Journal of Oncology, 2011, 38, 1533-47.	1.4	28
103	Permeability Study of Polyphenols Derived from a Phenolic-Enriched Hibiscus sabdariffa Extract by UHPLC-ESI-UHR-Qq-TOF-MS. International Journal of Molecular Sciences, 2015, 16, 18396-18411.	1.8	28
104	A fluorescence study of the interaction and location of (+)-totarol, a diterpenoid bioactive molecule, in model membranes. Biochimica Et Biophysica Acta - Biomembranes, 2000, 1509, 167-175.	1.4	26
105	Bactericidal activities against pathogenic bacteria by selected constituents of plant extracts in carrot broth. Food Chemistry, 2011, 128, 872-877.	4.2	25
106	Influence of the Physical State of the Membrane on the Enzymatic Activity and Energy of Activation of Protein Kinase C Î±â€. Biochemistry, 1999, 38, 7747-7754.	1.2	24
107	On the Interaction of the Anthraquinone Barbaloin with Negatively Charged DMPG Bilayers. Langmuir, 2008, 24, 4041-4049.	1.6	24
108	Kinetic changes of polyphenols, anthocyanins and antioxidant capacity in forced aged hibiscus ale beer. Journal of the Institute of Brewing, 2017, 123, 58-65.	0.8	24

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109	AMPK modulatory activity of oliveâ€“tree leaves phenolic compounds: Bioassay-guided isolation on adipocyte model and in silico approach. PLoS ONE, 2017, 12, e0173074.	1.1	24
110	The antimicrobial capacity of Cistus salviifolius and Punica granatum plant extracts against clinical pathogens is related to their polyphenolic composition. Scientific Reports, 2021, 11, 588.	1.6	24
111	Staphylococcal Phenotypes Induced by Naturally Occurring and Synthetic Membrane-Interactive Polyphenolic Î²-Lactam Resistance Modifiers. PLoS ONE, 2014, 9, e93830.	1.1	23
112	Volatile profile of Spanish Cistus plants as sources of antimicrobials for industrial applications. Industrial Crops and Products, 2015, 74, 425-433.	2.5	23
113	Effect of polyphenol supplements on redox status of blood cells: a randomized controlled exercise training trial. European Journal of Nutrition, 2015, 54, 1081-1093.	1.8	22
114	Shotgun proteomic analysis to study the decrease of xenograft tumor growth after rosemary extract treatment. Journal of Chromatography A, 2017, 1499, 90-100.	1.8	21
115	Marine Invertebrate Extracts Induce Colon Cancer Cell Death via ROS-Mediated DNA Oxidative Damage and Mitochondrial Impairment. Biomolecules, 2019, 9, 771.	1.8	21
116	Bioactive Antioxidant Compounds from Chestnut Peels through Semi-Industrial Subcritical Water Extraction. Antioxidants, 2022, 11, 988.	2.2	21
117	A comparative study of the activation of protein kinase C Î± by different diacylglycerol isomers. Biochemical Journal, 1999, 337, 387.	1.7	20
118	Influence of Drying on the Retention of Olive Leaf Polyphenols Infused into Dried Apple. Food and Bioprocess Technology, 2015, 8, 120-133.	2.6	20
119	Bioassay-guided purification of Lippia citriodora polyphenols with AMPK modulatory activity. Journal of Functional Foods, 2018, 46, 514-520.	1.6	20
120	The Beneficial Effects of Lippia Citriodora Extract on Dietâ€Induced Obesity in Mice Are Associated with Modulation in the Gut Microbiota Composition. Molecular Nutrition and Food Research, 2020, 64, e2000005.	1.5	19
121	Sweet Cherry Byproducts Processed by Green Extraction Techniques as a Source of Bioactive Compounds with Antiaging Properties. Antioxidants, 2020, 9, 418.	2.2	18
122	Correlation between the cellular metabolism of quercetin and its glucuronide metabolite and oxidative stress in hypertrophied 3T3-L1 adipocytes. Phytomedicine, 2017, 25, 25-28.	2.3	17
123	Anthocyanic pigments from elicited in vitro grown shoot cultures of Vaccinium corymbosum L., cv. Brigitta Blue, as photosensitizer in natural dye-sensitized solar cells (NDSSC). Journal of Photochemistry and Photobiology B: Biology, 2018, 188, 69-76.	1.7	17
124	Rosemary Diterpenes and Flavanone Aglycones Provide Improved Genoprotection against UV-Induced DNA Damage in a Human Skin Cell Model. Antioxidants, 2020, 9, 255.	2.2	17
125	Validation of the AlamarBlueÂ® Assay as a Fast Screening Method to Determine the Antimicrobial Activity of Botanical Extracts. PLoS ONE, 2016, 11, e0169090.	1.1	17
126	[12] Mitochondrial DNA transcription initiation and termination using mitochondrial lysates from cultured human cells. Methods in Enzymology, 1996, 264, 129-139.	0.4	16

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127	Incorporation and Interaction of Grape Seed Extract in Membranes and Relation with Efficacy in Muscle Foods. Journal of Agricultural and Food Chemistry, 2010, 58, 8365-8374.	2.4	16
128	Revisiting silibinin as a novobiocin-like Hsp90â€¯C-terminal inhibitor: Computational modeling and experimental validation. Food and Chemical Toxicology, 2019, 132, 110645.	1.8	16
129	The Potential Synergistic Modulation of AMPK by Lippia citriodora Compounds as a Target in Metabolic Disorders. Nutrients, 2019, 11, 2961.	1.7	16
130	Further exploring the absorption and enterocyte metabolism of quercetin forms in the Caco-2 model using nano-LC-TOF-MS. Electrophoresis, 2016, 37, 998-1006.	1.3	14
131	Lung Cancer Management with Silibinin: A Historical and Translational Perspective. Pharmaceuticals, 2021, 14, 559.	1.7	14
132	[15]Isolation and assay of mitochondrial transcription termination factor from human cells. Methods in Enzymology, 1996, 264, 158-173.	0.4	12
133	In vitro duodenal lipolysis of lipid-based drug delivery systems studied by HPLCâ€“UV and HPLCâ€“MS. International Journal of Pharmaceutics, 2014, 465, 396-404.	2.6	11
134	Quercetin metabolites from Hibiscus sabdariffa contribute to alleviate glucolipotoxicity-induced metabolic stress in vitro. Food and Chemical Toxicology, 2020, 144, 111606.	1.8	11
135	Antioxidant Supplementation Modulates Neutrophil Inflammatory Response to Exercise-Induced Stress. Antioxidants, 2020, 9, 1242.	2.2	11
136	The flavonol-enriched Cistus albidus chloroform extract possesses in vivo anti-inflammatory and anti-nociceptive activity. Journal of Ethnopharmacology, 2017, 209, 210-218.	2.0	10
137	Preclinical Evaluation of the Antimicrobial-Immunomodulatory Dual Action of Xenohormetic Molecules against Haemophilus influenzae Respiratory Infection. Biomolecules, 2019, 9, 891.	1.8	10
138	Effect of diacylglycerols on calcium-induced fusion of phosphatidylserine/phosphatidylcholine vesicles. Biochemical Society Transactions, 1989, 17, 957-960.	1.6	8
139	Factors contributing to the distribution of free fatty acids among phospholipid vesicles. Chemistry and Physics of Lipids, 1990, 55, 245-251.	1.5	8
140	Modulation of polymorphic properties of dielaidoylphosphatidylethanolamine by the antineoplastic ether lipid 1-O-octadecyl-2-O-methyl-glycero-3-phosphocholine. Biochimica Et Biophysica Acta - Biomembranes, 1999, 1417, 202-210.	1.4	8
141	Evaluation of different extraction approaches for the determination of phenolic compounds and their metabolites in plasma by nanoLC-ESI-TOF-MS. Analytical and Bioanalytical Chemistry, 2012, 404, 3081-3090.	1.9	8
142	Rockroses (Cistus sp.) Oils. , 2016, , 649-658.		8
143	Different behavior of polyphenols in energy metabolism of lipopolysaccharide-stimulated cells. Food Research International, 2019, 118, 96-100.	2.9	8
144	Use of Novel Drying Technologies to Improve the Retention of Infused Olive Leaf Polyphenols. Drying Technology, 2015, 33, 1051-1060.	1.7	6

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145	Effect of metabolaidÂ® on pre- and stage 1 hypertensive patients: A randomized controlled trial. Journal of Functional Foods, 2021, 84, 104583.	1.6	6
146	A Novel Antioxidant Phenyl Disaccharide from Populus tremula Knotwood. Molecules, 2007, 12, 205-217.	1.7	5
147	Oxidative damage is present in plasma and circulating neutrophils 4Âweeks after a high mountain expedition. European Journal of Applied Physiology, 2012, 112, 2923-2932.	1.2	5
148	A Nudibranch Marine Extract Selectively Chemosensitizes Colorectal Cancer Cells by Inducing ROS-Mediated Endoplasmic Reticulum Stress. Frontiers in Pharmacology, 2021, 12, 625946.	1.6	5
149	Pigments for natural dye-sensitized solar cells from in vitro grown shoot cultures. Journal of Photonics for Energy, 2017, 7, 025503.	0.8	4
150	Effect of a 2000-m running test on antioxidant and cytokine response in plasma and circulating cells. Journal of Physiology and Biochemistry, 2017, 73, 523-530.	1.3	4
151	[1]In vivo footprinting of human mitochondrial DNA in cultured cell systems. Methods in Enzymology, 1996, 264, 3-11.	0.4	3
152	Rosemary (Rosmarinus officinalis L) extract increases ROS and modulates Nrf2 pathway in human colon cancer cell lines. Free Radical Biology and Medicine, 2017, 108, S79.	1.3	3
153	Immunoliposomes: A Multipurpose Strategy in Breast Cancer Targeted Therapy. , 0, , .		3
154	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.	1.3	2
155	Transient Alteration of Gene Expression in Adipose-Derived Stem Cells Using Liposomal-Driven Protein Extracts. Cellular and Molecular Bioengineering, 2014, 7, 145-154.	1.0	1
156	The impact of polyphenols on chondrocyte growth and survival: a preliminary report. Food and Nutrition Research, 2015, 59, 29311.	1.2	1
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