

Marie-Paule Gonthier

List of Publications by Year in descending order

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25
papers

2,062
citations

471509

17
h-index

642732

23
g-index

25
all docs

25
docs citations

25
times ranked

2939
citing authors

#	ARTICLE	IF	CITATIONS
1	Chlorogenic Acid Bioavailability Largely Depends on Its Metabolism by the Gut Microflora in Rats. <i>Journal of Nutrition</i> , 2003, 133, 1853-1859.	2.9	407
2	Chocolate intake increases urinary excretion of polyphenol-derived phenolic acids in healthy human subjects. <i>American Journal of Clinical Nutrition</i> , 2003, 77, 912-918.	4.7	307
3	Metabolism of dietary procyanidins in rats. <i>Free Radical Biology and Medicine</i> , 2003, 35, 837-844.	2.9	303
4	Microbial Aromatic Acid Metabolites Formed in the Gut Account for a Major Fraction of the Polyphenols Excreted in Urine of Rats Fed Red Wine Polyphenols. <i>Journal of Nutrition</i> , 2003, 133, 461-467.	2.9	212
5	Polyphenol levels in human urine after intake of six different polyphenol-rich beverages. <i>British Journal of Nutrition</i> , 2005, 94, 500-509.	2.3	150
6	Evaluation of nutritional and antioxidant properties of the tropical fruits banana, litchi, mango, papaya, passion fruit and pineapple cultivated in Réunion French Island. <i>Food Chemistry</i> , 2016, 212, 225-233.	8.2	119
7	Presence of functional TLR2 and TLR4 on human adipocytes. <i>Histochemistry and Cell Biology</i> , 2007, 127, 131-137.	1.7	93
8	Antioxidant polyphenol-rich extracts from the medicinal plants <i>Antirhea borbonica</i> , <i>Doratoxylon apetalum</i> and <i>Gouania mauritiana</i> protect 3T3-L1 preadipocytes against H ₂ O ₂ , TNF α and LPS inflammatory mediators by regulating the expression of superoxide dismutase and NF- κ B genes. <i>Journal of Inflammation</i> , 2015, 12, 10.	3.4	71
9	<i>Porphyromonas gingivalis</i> lipopolysaccharide induces pro-inflammatory adipokine secretion and oxidative stress by regulating Toll-like receptor-mediated signaling pathways and redox enzymes in adipocytes. <i>Molecular and Cellular Endocrinology</i> , 2017, 446, 102-110.	3.2	62
10	Novel liquid chromatography-electrospray ionization mass spectrometry method for the quantification in human urine of microbial aromatic acid metabolites derived from dietary polyphenols. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2003, 789, 247-255.	2.3	50
11	Anti-inflammatory and antioxidant effects of polyphenols extracted from <i>Antirhea borbonica</i> medicinal plant on adipocytes exposed to <i>Porphyromonas gingivalis</i> and <i>Escherichia coli</i> lipopolysaccharides. <i>Pharmacological Research</i> , 2017, 119, 303-312.	7.1	44
12	Dietary polyphenols preconditioning protects 3T3-L1 preadipocytes from mitochondrial alterations induced by oxidative stress. <i>International Journal of Biochemistry and Cell Biology</i> , 2013, 45, 167-174.	2.8	34
13	Medicinal Plant Polyphenols Attenuate Oxidative Stress and Improve Inflammatory and Vasoactive Markers in Cerebral Endothelial Cells during Hyperglycemic Condition. <i>Antioxidants</i> , 2020, 9, 573.	5.1	32
14	Hyperglycemia modulates redox, inflammatory and vasoactive markers through specific signaling pathways in cerebral endothelial cells: Insights on insulin protective action. <i>Free Radical Biology and Medicine</i> , 2019, 130, 59-70.	2.9	31
15	<i>Curcuma longa</i> polyphenols improve insulin-mediated lipid accumulation and attenuate proinflammatory response of 3T3-L1 adipose cells during oxidative stress through regulation of key adipokines and antioxidant enzymes. <i>BioFactors</i> , 2016, 42, 418-430.	5.4	27
16	Hyperglycemic Condition Causes Pro-Inflammatory and Permeability Alterations Associated with Monocyte Recruitment and Deregulated NF- κ B/PPAR γ Pathways on Cerebral Endothelial Cells: Evidence for Polyphenols Uptake and Protective Effect. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1385.	4.1	22
17	Protective Effects of Antioxidant Polyphenols against Hyperglycemia-Mediated Alterations in Cerebral Endothelial Cells and a Mouse Stroke Model. <i>Molecular Nutrition and Food Research</i> , 2020, 64, e1900779.	3.3	22
18	Antioxidant Polyphenols of <i>Antirhea borbonica</i> Medicinal Plant and Caffeic Acid Reduce Cerebrovascular, Inflammatory and Metabolic Disorders Aggravated by High-Fat Diet-Induced Obesity in a Mouse Model of Stroke. <i>Antioxidants</i> , 2022, 11, 858.	5.1	17

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19	High-Fat Diet Aggravates Cerebral Infarct, Hemorrhagic Transformation and Neuroinflammation in a Mouse Stroke Model. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4571.	4.1	13
20	Systematic bioinformatic analysis of nutrigenomic data of flavanols in cell models of cardiometabolic disease. <i>Food and Function</i> , 2020, 11, 5040-5064.	4.6	13
21	Phenolic Profile of Herbal Infusion and Polyphenol-Rich Extract from Leaves of the Medicinal Plant <i>Antirhea borbonica</i> : Toxicity Assay Determination in Zebrafish Embryos and Larvae. <i>Molecules</i> , 2020, 25, 4482.	3.8	12
22	Caffeic Acid, One of the Major Phenolic Acids of the Medicinal Plant <i>Antirhea borbonica</i> , Reduces Renal Tubulointerstitial Fibrosis. <i>Biomedicines</i> , 2021, 9, 358.	3.2	10
23	Links between Insulin Resistance and Periodontal Bacteria: Insights on Molecular Players and Therapeutic Potential of Polyphenols. <i>Biomolecules</i> , 2022, 12, 378.	4.0	8
24	ApoA-I Nanoparticles as Curcumin Carriers for Cerebral Endothelial Cells: Improved Cytoprotective Effects against Methylglyoxal. <i>Pharmaceuticals</i> , 2022, 15, 347.	3.8	3
25	Antioxidant and Cytoprotective Properties of Polyphenol-Rich Extracts from <i>Antirhea borbonica</i> and <i>Doratoxylon apetalum</i> against Atherogenic Lipids in Human Endothelial Cells. <i>Antioxidants</i> , 2022, 11, 34.	5.1	0