

# Andres Madrona

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

702  
citations

566801

15  
h-index

642321

23  
g-index

23  
all docs

23  
docs citations

23  
times ranked

992  
citing authors

| #  | ARTICLE                                                                                                                                                                                                                               | IF  | CITATIONS |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1  | New Lipophilic Tyrosyl Esters. Comparative Antioxidant Evaluation with Hydroxytyrosyl Esters. <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 10960-10966.                                                              | 2.4 | 88        |
| 2  | Antioxidant activity evaluation of alkyl hydroxytyrosyl ethers, a new class of hydroxytyrosol derivatives. <i>Food Chemistry</i> , 2009, 115, 86-91.                                                                                  | 4.2 | 70        |
| 3  | Comparative evaluation of the metabolic effects of hydroxytyrosol and its lipophilic derivatives (hydroxytyrosyl acetate and ethyl hydroxytyrosyl ether) in hypercholesterolemic rats. <i>Food and Function</i> , 2014, 5, 1556-1563. | 2.1 | 52        |
| 4  | Anti-apoptotic activity of hydroxytyrosol and hydroxytyrosyl laurate. <i>Food and Chemical Toxicology</i> , 2013, 55, 248-256.                                                                                                        | 1.8 | 51        |
| 5  | Synthesis of Hydroxytyrosyl Alkyl Ethers from Olive Oil Waste Waters. <i>Molecules</i> , 2009, 14, 1762-1772.                                                                                                                         | 1.7 | 48        |
| 6  | Digestive stability of hydroxytyrosol, hydroxytyrosyl acetate and alkyl hydroxytyrosyl ethers. <i>International Journal of Food Sciences and Nutrition</i> , 2012, 63, 703-707.                                                       | 1.3 | 45        |
| 7  | Selective Cytotoxic Activity of New Lipophilic Hydroxytyrosol Alkyl Ether Derivatives. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 5046-5053.                                                                       | 2.4 | 37        |
| 8  | Linear and branched alkyl-esters and amides of gallic acid and other (mono-, di- and tri-) hydroxy benzoyl derivatives as promising anti-HCV inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2015, 92, 656-671.          | 2.6 | 36        |
| 9  | Transepithelial Transport and Metabolism of New Lipophilic Ether Derivatives of Hydroxytyrosol by Enterocyte-like Caco-2/TC7 Cells. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 11501-11509.                        | 2.4 | 35        |
| 10 | Synthesis and antioxidant evaluation of isochroman-derivatives of hydroxytyrosol: Structure-activity relationship. <i>Food Chemistry</i> , 2015, 173, 313-320.                                                                        | 4.2 | 35        |
| 11 | Alkyl Hydroxytyrosyl Ethers Show Protective Effects against Oxidative Stress in HepG2 Cells. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 5964-5976.                                                                 | 2.4 | 32        |
| 12 | Synthesis and Antioxidant Activity of Nitrohydroxytyrosol and Its Acyl Derivatives. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 10297-10303.                                                                        | 2.4 | 26        |
| 13 | Uptake and Metabolism of New Synthetic Lipophilic Derivatives, Hydroxytyrosyl Ethers, by Human Hepatoma HepG2 Cells. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 798-806.                                           | 2.4 | 21        |
| 14 | The effect of hydroxytyrosol and its nitroderivatives on catechol-O-methyl transferase activity in rat striatal tissue. <i>RSC Advances</i> , 2014, 4, 61086-61091.                                                                   | 1.7 | 17        |
| 15 | Cytoprotective Effect of Hydroxytyrosyl Alkyl Ether Derivatives after Oral Administration to Rats in a Model of Glucose-Oxygen Deprivation in Brain Slices. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 7659-7664.  | 2.4 | 16        |
| 16 | An efficient, economical synthesis of hydroxytyrosol and its protected forms via Baeyer-Villiger oxidation. <i>Tetrahedron Letters</i> , 2011, 52, 4938-4940.                                                                         | 0.7 | 15        |
| 17 | Lipophilic hydroxytyrosol esters significantly improve the oxidative state of human red blood cells. <i>Journal of Functional Foods</i> , 2016, 23, 339-347.                                                                          | 1.6 | 15        |
| 18 | Effect of intracerebral hydroxytyrosol and its nitroderivatives on striatal dopamine metabolism: A study by in vivo microdialysis. <i>Life Sciences</i> , 2015, 134, 30-35.                                                           | 2.0 | 13        |

| #  | ARTICLE                                                                                                                                                              | IF  | CITATIONS |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Comparison of the anti-angiogenic potential of hydroxytyrosol and five derivatives. Food and Function, 2018, 9, 4310-4316.                                           | 2.1 | 13        |
| 20 | Novel Polyphenols That Inhibit Colon Cancer Cell Growth Affecting Cancer Cell Metabolism. Journal of Pharmacology and Experimental Therapeutics, 2018, 366, 377-389. | 1.3 | 13        |
| 21 | A comparative study of the antiangiogenic activity of hydroxytyrosyl alkyl ethers. Food Chemistry, 2020, 333, 127476.                                                | 4.2 | 12        |
| 22 | Comparative Cytotoxic Activity of Hydroxytyrosol and Its Semisynthetic Lipophilic Derivatives in Prostate Cancer Cells. Antioxidants, 2021, 10, 1348.                | 2.2 | 10        |
| 23 | Antioxidant activity of alkyl hydroxytyrosyl ethers in unsaturated lipids. Food and Function, 2015, 6, 1999-2007.                                                    | 2.1 | 2         |