

Ersilia Santa Bellocco

List of Publications by Year in descending order

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Version: 2024-02-01

64
papers

3,345
citations

136950

32
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144013

57
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64
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64
docs citations

64
times ranked

4585
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Proanthocyanidins and hydrolysable tannins: occurrence, dietary intake and pharmacological effects. <i>British Journal of Pharmacology</i> , 2017, 174, 1244-1262. | 5.4 | 408 |
| 2 | Chemistry, Pharmacology and Health Benefits of Anthocyanins. <i>Phytotherapy Research</i> , 2016, 30, 1265-1286. | 5.8 | 283 |
| 3 | Flavanones: Citrus phytochemical with health-promoting properties. <i>BioFactors</i> , 2017, 43, 495-506. | 5.4 | 247 |
| 4 | Evaluation of the nutraceutical, antioxidant and cytoprotective properties of ripe pistachio (<i>Pistacia</i>) Tj ETQq0 0 0 ggBT /Overlock 10 Tf | 8.2 | 142 |
| 5 | Biochemical and antimicrobial activity of phloretin and its glycosilated derivatives present in apple and kumquat. <i>Food Chemistry</i> , 2014, 160, 292-297. | 8.2 | 126 |
| 6 | Flavonoid Glycosides in Bergamot Juice (<i>Citrus bergamia</i> Risso). <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 3929-3935. | 5.2 | 124 |
| 7 | Flavonoid Composition and Antioxidant Activity of Juices from Chinotto (<i>Citrus Æ— myrtifolia</i> Raf.) Fruits at Different Ripening Stages. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 3031-3036. | 5.2 | 101 |
| 8 | Distribution of C- and O-glycosyl flavonoids, (3-hydroxy-3-methylglutaryl)glycosyl flavanones and furocoumarins in <i>Citrus aurantium</i> L. juice. <i>Food Chemistry</i> , 2011, 124, 576-582. | 8.2 | 101 |
| 9 | Kumquat (<i>Fortunella japonica</i> Swingle) juice: Flavonoid distribution and antioxidant properties. <i>Food Research International</i> , 2011, 44, 2190-2197. | 6.2 | 100 |
| 10 | Flavonoids Detection by HPLC-DAD-MS-MS in Lemon Juices from Sicilian Cultivars. <i>Journal of Agricultural and Food Chemistry</i> , 2003, 51, 3528-3534. | 5.2 | 94 |
| 11 | Flavonoid profile and radical-scavenging activity of Mediterranean sweet lemon (<i>Citrus limetta</i> Risso) juice. <i>Food Chemistry</i> , 2011, 129, 417-422. | 8.2 | 80 |
| 12 | The effects of processing and mastication on almond lipid bioaccessibility using novel methods of <i>in vitro</i> digestion modelling and micro-structural analysis. <i>British Journal of Nutrition</i> , 2014, 112, 1521-1529. | 2.3 | 73 |
| 13 | Influence of l-rhamnosyl-d-glucosyl derivatives on properties and biological interaction of flavonoids. <i>Molecular and Cellular Biochemistry</i> , 2009, 321, 165-171. | 3.1 | 71 |
| 14 | Polyphenolic content and biological properties of Avola almond (<i>Prunus dulcis</i> Mill. D.A. Webb) skin and its industrial byproducts. <i>Industrial Crops and Products</i> , 2016, 83, 283-293. | 5.2 | 70 |
| 15 | In Vitro Evaluation of the Antioxidant, Cytoprotective, and Antimicrobial Properties of Essential Oil from <i>Pistacia vera</i> L. Variety Bronte Hull. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1212. | 4.1 | 70 |
| 16 | C - and O -glycosyl flavonoids in Sanguinello and Tarocco blood orange (<i>Citrus sinensis</i> (L.) Osbeck) juice: Identification and influence on antioxidant properties and acetylcholinesterase activity. <i>Food Chemistry</i> , 2016, 196, 619-627. | 8.2 | 64 |
| 17 | Elucidation of the flavonoid and furocoumarin composition and radical-scavenging activity of green and ripe chinotto (<i>Citrus myrtifolia</i> Raf.) fruit tissues, leaves and seeds. <i>Food Chemistry</i> , 2011, 129, 1504-1512. | 8.2 | 62 |
| 18 | Trehalose: A biophysics approach to modulate the inflammatory response during endotoxic shock. <i>European Journal of Pharmacology</i> , 2008, 589, 272-280. | 3.5 | 61 |

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|----|---|-----|-----------|
| 19 | First evidence of C- and O-glycosyl flavone in blood orange (<i>Citrus sinensis</i> (L.) Osbeck) juice and their influence on antioxidant properties. <i>Food Chemistry</i> , 2014, 149, 244-252. | 8.2 | 61 |
| 20 | Evaluation of the antioxidant and cytoprotective properties of the exotic fruit <i>Annona cherimola</i> Mill. (Annonaceae). <i>Food Research International</i> , 2011, 44, 2302-2310. | 6.2 | 60 |
| 21 | Anti-aggregation properties of trehalose on heat-induced secondary structure and conformation changes of bovine serum albumin. <i>Biophysical Chemistry</i> , 2010, 147, 146-152. | 2.8 | 59 |
| 22 | Diosmin binding to human serum albumin and its preventive action against degradation due to oxidative injuries. <i>Biochimie</i> , 2013, 95, 2042-2049. | 2.6 | 55 |
| 23 | Neuroprotective effects of phloretin and its glycosylated derivative on rotenone-induced toxicity in human neuronal-like cells. <i>BioFactors</i> , 2017, 43, 549-557. | 5.4 | 52 |
| 24 | Polymethoxylated, C- and O-glycosyl flavonoids in tangelo (<i>Citrus reticulata</i> — <i>Citrus paradisi</i>) juice and their influence on antioxidant properties. <i>Food Chemistry</i> , 2013, 141, 1481-1488. | 8.2 | 51 |
| 25 | Cyanidin-3-O-galactoside in ripe pistachio (<i>Pistachia vera</i> L. variety Bronte) hulls: Identification and evaluation of its antioxidant and cytoprotective activities. <i>Journal of Functional Foods</i> , 2016, 27, 376-385. | 3.4 | 50 |
| 26 | THE DISACCHARIDE TREHALOSE INHIBITS PROINFLAMMATORY PHENOTYPE ACTIVATION IN MACROPHAGES AND PREVENTS MORTALITY IN EXPERIMENTAL SEPTIC SHOCK. <i>Shock</i> , 2007, 27, 91-96. | 2.1 | 48 |
| 27 | Influences of Flavonoids on Erythrocyte Membrane and Metabolic Implication Through Anionic Exchange Modulation. <i>Journal of Membrane Biology</i> , 2009, 230, 163-171. | 2.1 | 48 |
| 28 | Neuroprotective Effects of Quercetin: From Chemistry to Medicine. <i>CNS and Neurological Disorders - Drug Targets</i> , 2016, 15, 964-975. | 1.4 | 48 |
| 29 | Effect of anionic and cationic polyamidoamine (PAMAM) dendrimers on a model lipid membrane. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2016, 1858, 2769-2777. | 2.6 | 47 |
| 30 | The interaction and binding of flavonoids to human serum albumin modify its conformation, stability and resistance against aggregation and oxidative injuries. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017, 1861, 3531-3539. | 2.4 | 47 |
| 31 | Band-3 protein function in human erythrocytes: effect of oxygenation-deoxygenation. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2002, 1564, 214-218. | 2.6 | 43 |
| 32 | Durum wheat particle size affects starch and protein digestion in vitro. <i>European Journal of Nutrition</i> , 2018, 57, 319-325. | 3.9 | 35 |
| 33 | Resveratrol treatment induces redox stress in red blood cells: a possible role of caspase 3 in metabolism and anion transport. <i>Biological Chemistry</i> , 2010, 391, 1057-65. | 2.5 | 32 |
| 34 | Improvement on enzymatic hydrolysis of resveratrol glucosides in wine. <i>Food Chemistry</i> , 2004, 85, 259-266. | 8.2 | 30 |
| 35 | Caffeine inhibits erythrocyte membrane derangement by antioxidant activity and by blocking caspase 3 activation. <i>Biochimie</i> , 2012, 94, 393-402. | 2.6 | 30 |
| 36 | Derangement of Erythrocytic AE1 in Beta-Thalassemia by Caspase 3: Pathogenic Mechanisms and Implications in Red Blood Cell Senescence. <i>Journal of Membrane Biology</i> , 2009, 228, 43-49. | 2.1 | 26 |

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|----|---|-----|-----------|
| 37 | Antiepileptic carbamazepine drug treatment induces alteration of membrane in red blood cells: Possible positive effects on metabolism and oxidative stress. <i>Biochimie</i> , 2013, 95, 833-841. | 2.6 | 24 |
| 38 | FTIR, ESI-MS, VT-NMR and SANS study of trehalose thermal stabilization of lysozyme. <i>International Journal of Biological Macromolecules</i> , 2014, 63, 225-232. | 7.5 | 21 |
| 39 | Oxidative Effects of Gemfibrozil on Anion Influx and Metabolism in Normal and Beta-Thalassemic Erythrocytes: Physiological Implications. <i>Journal of Membrane Biology</i> , 2008, 224, 1-8. | 2.1 | 19 |
| 40 | Feijoa Fruit Peel: Micro-morphological Features, Evaluation of Phytochemical Profile, and Biological Properties of Its Essential Oil. <i>Antioxidants</i> , 2019, 8, 320. | 5.1 | 16 |
| 41 | Influences of temperature and threshold effect of NaCl concentration on <i>Alpias vulpinus</i> OCT. <i>International Journal of Biological Macromolecules</i> , 2008, 43, 474-480. | 7.5 | 14 |
| 42 | Stabilization effects of kosmotrope systems on ornithine carbamoyltransferase. <i>International Journal of Biological Macromolecules</i> , 2009, 45, 120-128. | 7.5 | 14 |
| 43 | A Three-Component Microbial Consortium from Deep-Sea Salt-Saturated Anoxic Lake Thetis Links Anaerobic Glycine Betaine Degradation with Methanogenesis. <i>Microorganisms</i> , 2015, 3, 500-517. | 3.6 | 14 |
| 44 | Neutron scattering and HPLC study on l-ascorbic acid and its degradation. <i>Chemical Physics</i> , 2008, 345, 191-195. | 1.9 | 13 |
| 45 | Colored phytonutrients: Role and applications in the functional foods of anthocyanins. , 2020, , 177-195. | | 12 |
| 46 | Spectroscopic investigation of structure-breakers and structure-makers on ornithine carbamoyltransferase. <i>Food Chemistry</i> , 2008, 106, 1438-1442. | 8.2 | 11 |
| 47 | Myelin basic protein: Structural characterization of spherulites formation and preventive action of trehalose. <i>International Journal of Biological Macromolecules</i> , 2013, 57, 63-68. | 7.5 | 11 |
| 48 | Aggregation processes of biomolecules in presence of trehalose. <i>Journal of Molecular Structure</i> , 2007, 840, 114-118. | 3.6 | 10 |
| 49 | Evaluation of Anthocyanin Profile, Antioxidant, Cytoprotective, and Anti-Angiogenic Properties of <i>Callistemon citrinus</i> Flowers. <i>Plants</i> , 2020, 9, 1045. | 3.5 | 9 |
| 50 | Sheep ceruloplasmin: isolation and characterization. <i>Molecular and Cellular Biochemistry</i> , 1983, 51, 129-32. | 3.1 | 8 |
| 51 | Glycerol, trehalose and glycerol+trehalose mixture effects on thermal stabilization of OCT. <i>Chemical Physics</i> , 2013, 424, 100-104. | 1.9 | 8 |
| 52 | Palytoxin Induces Functional Changes of Anion Transport in Red Blood Cells: Metabolic Impact. <i>Journal of Membrane Biology</i> , 2011, 242, 31-39. | 2.1 | 6 |
| 53 | Spectroscopic Determination of Lysozyme Conformational Changes in the Presence of Trehalose and Guanidine. <i>Cell Biochemistry and Biophysics</i> , 2013, 66, 297-307. | 1.8 | 6 |
| 54 | Flavonoid C-glycosides in Citrus Juices from Southern Italy: Distribution and Influence on the Antioxidant Activity. <i>ACS Symposium Series</i> , 2014, , 189-200. | 0.5 | 5 |

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|----|--|-----|-----------|
| 55 | Antioxidant Activity of Caffeine. , 2015, , 835-842. | | 5 |
| 56 | Bilberry (<i>Vaccinium myrtilus</i> L.). , 2019, , 159-163. | | 5 |
| 57 | Neutron scattering study on the interaction between polyethylene glycol and lysozyme. <i>Physica B: Condensed Matter</i> , 2008, 403, 2408-2412. | 2.7 | 3 |
| 58 | Flavonoids and Furocoumarins in Bergamot, Myrtle-Leaved Orange, and Sour Orange Juices: Distribution and Properties. <i>ACS Symposium Series</i> , 2012, , 17-35. | 0.5 | 3 |
| 59 | Anaerobiosis and metabolic plasticity of <i>Pinna nobilis</i> : Biochemical and ecological features. <i>Biochemical Systematics and Ecology</i> , 2014, 56, 138-143. | 1.3 | 3 |
| 60 | Flavonoid and Antioxidant Properties of Fruits Belonging to the <i>Annona</i> and <i>Citrus</i> Genera. <i>ACS Symposium Series</i> , 2013, , 103-119. | 0.5 | 2 |
| 61 | Sequestering ability to Cu ²⁺ of a new bodipy-based dye and its behavior as in vitro fluorescent sensor. <i>Journal of Inorganic Biochemistry</i> , 2017, 167, 116-123. | 3.5 | 2 |
| 62 | Ornithine Carbamoyltransferase Unfolding States in the Presence of Urea and Guanidine Hydrochloride. <i>Applied Biochemistry and Biotechnology</i> , 2014, 172, 854-866. | 2.9 | 1 |
| 63 | Analysis of C-Glycosyl Flavones and 3-Hydroxy-3-methylglutaryl-glycosyl Derivatives in Blood Oranges (<i>Citrus sinensis</i> (L.) Osbeck) Juices and Their Influence on Biological Activity. <i>ACS Symposium Series</i> , 2018, , 67-80. | 0.5 | 1 |
| 64 | Fragility of complexity biophysical systems by neutron scattering. <i>Physica B: Condensed Matter</i> , 2006, 385-386, 856-858. | 2.7 | 0 |