

Emilioano Laudadio

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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|-------------------|-----------------------|----------------|-----------------|
| 44 papers | 483 citations | 15 h-index | 19 g-index |
| 50 ext. papers | 659 ext. citations | 4.6 avg, IF | 3.88 L-index |

| # | Paper | IF | Citations |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 44 | A Poloxamer-407 modified liposome encapsulating epigallocatechin-3-gallate in the presence of magnesium: Characterization and protective effect against oxidative damage. <i>International Journal of Pharmaceutics</i> , 2018 , 552, 225-234 | 6.5 | 28 |
| 43 | Side Effects of Curcumin: Epigenetic and Antiproliferative Implications for Normal Dermal Fibroblast and Breast Cancer Cells. <i>Antioxidants</i> , 2019 , 8, | 7.1 | 27 |
| 42 | In vivo and in silico studies to identify mechanisms associated with Nurr1 modulation following early life exposure to permethrin in rats. <i>Neuroscience</i> , 2017 , 340, 411-423 | 3.9 | 27 |
| 41 | A novel 3UtrRNA-derived fragment acts as a tumor suppressor in breast cancer by targeting nucleolin. <i>FASEB Journal</i> , 2019 , 33, 13228-13240 | 0.9 | 25 |
| 40 | New insights into N-tert-butyl- β -phenylnitron (PBN) as a spin trap. Part 2.1 Thereactivity of PBN and 5,5-dimethyl-4,5-dihydropyrrole N-oxide (DMPO) toward N-heteroaromatic bases. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1997 , 887-892 | | 25 |
| 39 | Inhibitors of multidrug efflux pumps of <i>Pseudomonas aeruginosa</i> from natural sources: An in silico high-throughput virtual screening and in vitro validation. <i>Medicinal Chemistry Research</i> , 2017 , 26, 414-430 | 3.2 | 24 |
| 38 | Selective induction of apoptosis in MCF7 cancer-cell by targeted liposomes functionalised with mannose-6-phosphate. <i>Journal of Drug Targeting</i> , 2018 , 26, 242-251 | 5.4 | 24 |
| 37 | Liposomal Formulations for an Efficient Encapsulation of Epigallocatechin-3-gallate: An in-Silico/Experimental Approach. <i>Molecules</i> , 2018 , 23, | 4.8 | 20 |
| 36 | Salts Influence Catechins and Flavonoids Encapsulation in Liposomes: A Molecular Dynamics Investigation. <i>Molecular Informatics</i> , 2017 , 36, 1700059 | 3.8 | 19 |
| 35 | Natural Alkaloid Berberine Activity against MexXY-Mediated Aminoglycoside Resistance: and Studies. <i>Journal of Natural Products</i> , 2019 , 82, 1935-1944 | 4.9 | 19 |
| 34 | Early impairment of epigenetic pattern in neurodegeneration: Additional mechanisms behind pyrethroid toxicity. <i>Experimental Gerontology</i> , 2019 , 124, 110629 | 4.5 | 18 |
| 33 | Protein-protein interactions of human glyoxalase II: findings of a reliable docking protocol. <i>Organic and Biomolecular Chemistry</i> , 2018 , 16, 5167-5177 | 3.9 | 18 |
| 32 | Liposome-based gene delivery systems containing a steroid derivative: computational and small angle X-ray diffraction study. <i>RSC Advances</i> , 2015 , 5, 54070-54078 | 3.7 | 16 |
| 31 | Monoalkylated Epigallocatechin-3-gallate (C18-EGCG) as Novel Lipophilic EGCG Derivative: Characterization and Antioxidant Evaluation. <i>Antioxidants</i> , 2020 , 9, | 7.1 | 16 |
| 30 | Permethrin and its metabolites affect Cu/Zn superoxide conformation: fluorescence and in silico evidences. <i>Molecular BioSystems</i> , 2015 , 11, 208-17 | | 16 |
| 29 | Conformational Insight on WT- and Mutated-EGFR Receptor Activation and Inhibition by Epigallocatechin-3-Gallate: Over a Rational Basis for the Design of Selective Non-Small-Cell Lung Anticancer Agents. <i>International Journal of Molecular Sciences</i> , 2020 , 21, | 6.3 | 14 |
| 28 | Insights into the influence of 5-HT _{2c} aminoacidic variants with the inhibitory action of serotonin inverse agonists and antagonists. <i>Journal of Molecular Modeling</i> , 2014 , 20, 2120 | 2 | 14 |

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| 27 | Synthesis, Characterization and Antioxidant Properties of a New Lipophilic Derivative of Edaravone. <i>Antioxidants</i> , 2019 , 8, | 7.1 | 12 |
| 26 | Radical trapping properties of 3-aryl-2H-benzo[1,4]oxazin-4-oxides. <i>Journal of Organic Chemistry</i> , 2007 , 72, 8677-82 | 4.2 | 12 |
| 25 | OH radical trapping with benzoxazine nitrones: a combined computational and spectroscopic study. <i>Tetrahedron</i> , 2013 , 69, 4591-4596 | 2.4 | 10 |
| 24 | Encapsulation of a Neutral Molecule into a Cationic Clay Material: Structural Insight and Cytotoxicity of Resveratrol/Layered Double Hydroxide/BSA Nanocomposites. <i>Nanomaterials</i> , 2019 , 10, | 5.4 | 10 |
| 23 | Liponitroxides: EPR study and their efficacy as antioxidants in lipid membranes. <i>RSC Advances</i> , 2015 , 5, 98955-98966 | 3.7 | 9 |
| 22 | Prediction of drug-carrier interactions of PLA and PLGA drug-loaded nanoparticles by molecular dynamics simulations. <i>European Polymer Journal</i> , 2021 , 147, 110292 | 5.2 | 9 |
| 21 | Benzoxazinic nitrones and nitroxides as possible antioxidants in biological systems. <i>RSC Advances</i> , 2013 , 3, 22023 | 3.7 | 8 |
| 20 | Depth Distribution of Spin-Labeled Liponitroxides within Lipid Bilayers: A Combined EPR and Molecular Dynamics Approach. <i>ACS Omega</i> , 2019 , 4, 5029-5037 | 3.9 | 7 |
| 19 | Amidinoquinoxaline N-oxides as novel spin traps. <i>RSC Advances</i> , 2015 , 5, 2724-2731 | 3.7 | 7 |
| 18 | Tailoring the Barrier Properties of PLA: A State-of-the-Art Review for Food Packaging Applications.. <i>Polymers</i> , 2022 , 14, | 4.5 | 7 |
| 17 | Insights into the Molecular Mechanisms of Eg5 Inhibition by (+)-Morelloflavone. <i>Pharmaceuticals</i> , 2019 , 12, | 5.2 | 4 |
| 16 | Effect of Epigallocatechin-3-Gallate on EGFR Signaling and Migration in Non-Small Cell Lung Cancer. <i>International Journal of Molecular Sciences</i> , 2021 , 22, | 6.3 | 4 |
| 15 | Acetylshikonin isolated from <i>Lithospermum erythrorhizon</i> roots inhibits dihydrofolate reductase and hampers autochthonous mammary carcinogenesis in HER2 transgenic mice. <i>Pharmacological Research</i> , 2020 , 161, 105123 | 10.2 | 4 |
| 14 | DFT calculations as a powerful tool for ESR spin trapping experiments. <i>Magnetic Resonance in Chemistry</i> , 2017 , 55, 559-562 | 2.1 | 3 |
| 13 | Cholesterol-mediated oligomerization pathways of serotonin G-coupled receptor 5-HT _{2C} . <i>International Journal of Biological Macromolecules</i> , 2020 , 160, 1090-1100 | 7.9 | 3 |
| 12 | Amidinoquinoxaline N-oxides: spin trapping of O- and C-centered radicals. <i>Organic and Biomolecular Chemistry</i> , 2017 , 15, 7685-7695 | 3.9 | 3 |
| 11 | Role of Tobramycin in the Induction and Maintenance of Viable but Non-Culturable in an In Vitro Biofilm Model. <i>Antibiotics</i> , 2020 , 9, | 4.9 | 3 |
| 10 | Efficient and Versatile Modeling of Mono- and Multi-Layer MoS ₂ Field Effect Transistor. <i>Electronics (Switzerland)</i> , 2020 , 9, 1385 | 2.6 | 3 |

- 9 The Natural Alkaloid Berberine Can Reduce the Number of Tolerant Cells. *Journal of Natural Products*, **2021**, 84, 993-1001 4.9 3
- 8 Phase Properties of Different HfO₂ Polymorphs: A DFT-Based Study. *Crystals*, **2022**, 12, 90 2.3 2
- 7 Insights into the Antioxidant Mechanism of Newly Synthesized Benzoxazinic Nitrones: In Vitro and In Silico Studies with DPPH Model Radical. *Antioxidants*, **2021**, 10, 7.1 2
- 6 Molecular dynamics simulations of quinine encapsulation into biodegradable nanoparticles: A possible new strategy against Sars-CoV-2. *European Polymer Journal*, **2021**, 158, 110685 5.2 1
- 5 Microwave Detection Using Two-Atom-Thick Self-Switching Diodes Based on Quantum Simulations and Advanced Circuit Models. *IEEE Transactions on Microwave Theory and Techniques*, **2021**, 1-1 4.1 0
- 4 Tuning curvature and phase behavior of monoolein bilayers by epigallocatechin-3-gallate: Structural insight and cytotoxicity. *Colloids and Surfaces B: Biointerfaces*, **2022**, 209, 112171 6 0
- 3 Synthesis and Evaluation of New Nitron-Based Benzoxazinic Antioxidants. *Medical Sciences Forum*, **2021**, 2, 17
- 2 Influence of a lipophilic edaravone on physical state and activity of antioxidant liposomes: An experimental and in silico study. *Colloids and Surfaces B: Biointerfaces*, **2021**, 210, 112217 6
- 1 50 Years of Chemistry in the Engineering Faculty: From Free Radicals to Nanosystems **2019**, 195-206