

Emilioano Laudadio

List of Publications by Year in Descending Order

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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.

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	Phase Properties of Different HfO ₂ Polymorphs: A DFT-Based Study. <i>Crystals</i> , 2022 , 12, 90	2.3	2
43	Tuning curvature and phase behavior of monoolein bilayers by epigallocatechin-3-gallate: Structural insight and cytotoxicity. <i>Colloids and Surfaces B: Biointerfaces</i> , 2022 , 209, 112171	6	0
42	Tailoring the Barrier Properties of PLA: A State-of-the-Art Review for Food Packaging Applications.. <i>Polymers</i> , 2022 , 14,	4.5	7
41	Synthesis and Evaluation of New Nitron-Based Benzoxazinic Antioxidants. <i>Medical Sciences Forum</i> , 2021 , 2, 17		
40	Influence of a lipophilic edaravone on physical state and activity of antioxidant liposomes: An experimental and in silico study. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021 , 210, 112217	6	
39	Microwave Detection Using Two-Atom-Thick Self-Switching Diodes Based on Quantum Simulations and Advanced Circuit Models. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2021 , 1-1	4.1	0
38	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
37	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
36	The Natural Alkaloid Berberine Can Reduce the Number of Tolerant Cells. <i>Journal of Natural Products</i> , 2021 , 84, 993-1001	4.9	3
35	Insights into the Antioxidant Mechanism of Newly Synthesized Benzoxazinic Nitrones: In Vitro and In Silico Studies with DPPH Model Radical. <i>Antioxidants</i> , 2021 , 10,	7.1	2
34	Molecular dynamics simulations of quinine encapsulation into biodegradable nanoparticles: A possible new strategy against Sars-CoV-2. <i>European Polymer Journal</i> , 2021 , 158, 110685	5.2	1
33	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
32	Monoalkylated Epigallocatechin-3-gallate (C18-EGCG) as Novel Lipophilic EGCG Derivative: Characterization and Antioxidant Evaluation. <i>Antioxidants</i> , 2020 , 9,	7.1	16
31	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
30	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
29	Acetylshikonin isolated from <i>Lithospermum erythrorhizon</i> roots inhibits dihydrofolate reductase and hampers autochthonous mammary carcinogenesis in β HER2 transgenic mice. <i>Pharmacological Research</i> , 2020 , 161, 105123	10.2	4
28	Efficient and Versatile Modeling of Mono- and Multi-Layer MoS ₂ Field Effect Transistor. <i>Electronics (Switzerland)</i> , 2020 , 9, 1385	2.6	3

27	Side Effects of Curcumin: Epigenetic and Antiproliferative Implications for Normal Dermal Fibroblast and Breast Cancer Cells. <i>Antioxidants</i> , 2019 , 8,	7.1	27
26	A novel 3UTRNA-derived fragment acts as a tumor suppressor in breast cancer by targeting nucleolin. <i>FASEB Journal</i> , 2019 , 33, 13228-13240	0.9	25
25	Early impairment of epigenetic pattern in neurodegeneration: Additional mechanisms behind pyrethroid toxicity. <i>Experimental Gerontology</i> , 2019 , 124, 110629	4.5	18
24	Insights into the Molecular Mechanisms of Eg5 Inhibition by (+)-Morelloflavone. <i>Pharmaceuticals</i> , 2019 , 12,	5.2	4
23	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
22	Synthesis, Characterization and Antioxidant Properties of a New Lipophilic Derivative of Edaravone. <i>Antioxidants</i> , 2019 , 8,	7.1	12
21	Natural Alkaloid Berberine Activity against MexXY-Mediated Aminoglycoside Resistance: and Studies. <i>Journal of Natural Products</i> , 2019 , 82, 1935-1944	4.9	19
20	50 Years of Chemistry in the Engineering Faculty: From Free Radicals to Nanosystems 2019 , 195-206		
19	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
18	Liposomal Formulations for an Efficient Encapsulation of Epigallocatechin-3-gallate: An in-Silico/Experimental Approach. <i>Molecules</i> , 2018 , 23,	4.8	20
17	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
16	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
15	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
14	Salts Influence Cathechins and Flavonoids Encapsulation in Liposomes: A Molecular Dynamics Investigation. <i>Molecular Informatics</i> , 2017 , 36, 1700059	3.8	19
13	DFT calculations as a powerful tool for ESR spin trapping experiments. <i>Magnetic Resonance in Chemistry</i> , 2017 , 55, 559-562	2.1	3
12	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 ^{2,2}		24
11	Amidinoquinoxaline N-oxides: spin trapping of O- and C-centered radicals. <i>Organic and Biomolecular Chemistry</i> , 2017 , 15, 7685-7695	3.9	3
10	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

9	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
8	Liponitroxides: EPR study and their efficacy as antioxidants in lipid membranes. <i>RSC Advances</i> , 2015 , 5, 98955-98966	3.7	9
7	Permethrin and its metabolites affect Cu/Zn superoxide conformation: fluorescence and in silico evidences. <i>Molecular BioSystems</i> , 2015 , 11, 208-17		16
6	Amidinoquinoxaline N-oxides as novel spin traps. <i>RSC Advances</i> , 2015 , 5, 2724-2731	3.7	7
5	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
4	Benzoxazinic nitrones and nitroxides as possible antioxidants in biological systems. <i>RSC Advances</i> , 2013 , 3, 22023	3.7	8
3	OH radical trapping with benzoxazine nitrones: a combined computational and spectroscopic study. <i>Tetrahedron</i> , 2013 , 69, 4591-4596	2.4	10
2	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
1	New insights into N-tert-butyl-1-phenylnitron (PBN) as a spin trap. Part 2.1 The reactivity 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