

Adriano Mollica

List of Publications by Year in descending order

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215
papers

6,005
citations

71102

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docs citations

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times ranked

6401
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Cytotoxic and Enzyme Inhibitory Potential of Two <i>Potentilla</i> species (<i>P. speciosa</i> L. and <i>P. reptans</i>) Tj ETQq1 1 0.784314 rgBT/Overlook | 3.5 | 265 |
| 2 | Signal transduction pathways triggered by selective formylpeptide analogues in human neutrophils. <i>European Journal of Pharmacology</i> , 2006, 534, 1-11. | 3.5 | 162 |
| 3 | Functional constituents of wild and cultivated Goji (<i>L. barbarum</i> L.) leaves: phytochemical characterization, biological profile, and computational studies. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2017, 32, 153-168. | 5.2 | 151 |
| 4 | Anti-diabetic and anti-hyperlipidemic properties of <i>Capparis spinosa</i> L.: In vivo and in vitro evaluation of its nutraceutical potential. <i>Journal of Functional Foods</i> , 2017, 35, 32-42. | 3.4 | 113 |
| 5 | Pecan nuts: A review of reported bioactivities and health effects. <i>Trends in Food Science and Technology</i> , 2018, 71, 246-257. | 15.1 | 97 |
| 6 | Prodrug Approach for Increasing Cellular Glutathione Levels. <i>Molecules</i> , 2010, 15, 1242-1264. | 3.8 | 96 |
| 7 | Recent Advances in the Treatment of Neurodegenerative Diseases Based on GSH Delivery Systems. <i>Oxidative Medicine and Cellular Longevity</i> , 2012, 2012, 1-12. | 4.0 | 79 |
| 8 | An assessment of the nutraceutical potential of <i>Juglans regia</i> L. leaf powder in diabetic rats. <i>Food and Chemical Toxicology</i> , 2017, 107, 554-564. | 3.6 | 77 |
| 9 | <i>Euphorbia denticulata</i> Lam.: A promising source of phyto-pharmaceuticals for the development of novel functional formulations. <i>Biomedicine and Pharmacotherapy</i> , 2017, 87, 27-36. | 5.6 | 76 |
| 10 | Combinatorial peptide library screening for discovery of diverse α -glucosidase inhibitors using molecular dynamics simulations and binary QSAR models. <i>Journal of Biomolecular Structure and Dynamics</i> , 2019, 37, 726-740. | 3.5 | 74 |
| 11 | <p>Nanoformulations of natural products for management of metabolic syndrome</p> <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 5303-5321. | 6.7 | 73 |
| 12 | 2,5-Diketopiperazines as Neuroprotective Agents. <i>Mini-Reviews in Medicinal Chemistry</i> , 2012, 12, 2-12. | 2.4 | 68 |
| 13 | Biological and chemical insights of <i>Morina persica</i> L.: A source of bioactive compounds with multifunctional properties. <i>Journal of Functional Foods</i> , 2016, 25, 94-109. | 3.4 | 66 |
| 14 | Phytochemical characterization, <i>in vitro</i> and <i>in silico</i> approaches for three <i>Hypericum</i> species. <i>New Journal of Chemistry</i> , 2018, 42, 5204-5214. | 2.8 | 65 |
| 15 | Chemical and biological insights on <i>Cotoneaster integerrimus</i> : A new (-)- epicatechin source for food and medicinal applications. <i>Phytomedicine</i> , 2016, 23, 979-988. | 5.3 | 63 |
| 16 | Enzymatic assays and molecular modeling studies of <i>Schisandra chinensis</i> lignans and phenolics from fruit and leaf extracts. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016, 31, 200-210. | 5.2 | 62 |
| 17 | Volatile components, pharmacological profile, and computational studies of essential oil from <i>Aegle marmelos</i> (Bael) leaves: A functional approach. <i>Industrial Crops and Products</i> , 2018, 126, 13-21. | 5.2 | 62 |
| 18 | Anti-Oxidant and Tyrosinase Inhibitory In Vitro Activity of Amino Acids and Small Peptides: New Hints for the Multifaceted Treatment of Neurologic and Metabolic Disfunctions. <i>Antioxidants</i> , 2019, 8, 7. | 5.1 | 62 |

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|----|--|-----|-----------|
| 19 | In vitro and in silico perspectives on biological and phytochemical profile of three halophyte speciesâ€”A source of innovative phytopharmaceuticals from nature. <i>Phytomedicine</i> , 2018, 38, 35-44. | 5.3 | 60 |
| 20 | Synthesis and Bioactivity of Secondary Metabolites from Marine Sponges Containing Dibrominated Indolic Systems. <i>Molecules</i> , 2012, 17, 6083-6099. | 3.8 | 59 |
| 21 | Chemical profiling, antioxidant, enzyme inhibitory and molecular modelling studies on the leaves and stem bark extracts of three African medicinal plants. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 174, 19-33. | 2.8 | 59 |
| 22 | Nutraceutical potential of <i>Corylus avellana</i> daily supplements for obesity and related dysmetabolism. <i>Journal of Functional Foods</i> , 2018, 47, 562-574. | 3.4 | 56 |
| 23 | Synthesis of Stable and Potent μ Opioid Peptides:â€” Analogues of H-Tyr-c[d-Cys-Gly-Phe-d-Cys]-OH by Ring-Closing Metathesis. <i>Journal of Medicinal Chemistry</i> , 2007, 50, 3138-3142. | 6.4 | 55 |
| 24 | Bioactive compounds of <i>Crocus sativus</i> L. and their semi-synthetic derivatives as promising anti- <i>Helicobacter pylori</i> , anti-malarial and anti-leishmanial agents. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2015, 30, 1027-1033. | 5.2 | 55 |
| 25 | A novel library of saccharin and acesulfame derivatives as potent and selective inhibitors of carbonic anhydrase IX and XII isoforms. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 1095-1105. | 3.0 | 55 |
| 26 | Geographical characterization by MAE-HPLC and NIR methodologies and carbonic anhydrase inhibition of Saffron components. <i>Food Chemistry</i> , 2017, 221, 855-863. | 8.2 | 55 |
| 27 | Traditionally Used Lathyrus Species: Phytochemical Composition, Antioxidant Activity, Enzyme Inhibitory Properties, Cytotoxic Effects, and in silico Studies of <i>L. czeczottianus</i> and <i>L. nissolia</i> . <i>Frontiers in Pharmacology</i> , 2017, 8, 83. | 3.5 | 55 |
| 28 | <i>Scrophularia lucida</i> L. as a valuable source of bioactive compounds for pharmaceutical applications: In vitro antioxidant, anti-inflammatory, enzyme inhibitory properties, in silico studies, and HPLC profiles. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 162, 225-233. | 2.8 | 55 |
| 29 | Polyphenolic composition, enzyme inhibitory effects ex-vivo and in-vivo studies on two Brassicaceae of north-central Italy. <i>Biomedicine and Pharmacotherapy</i> , 2018, 107, 129-138. | 5.6 | 53 |
| 30 | Impact of different geographical locations on varying profile of bioactives and associated functionalities of caper (<i>Capparis spinosa</i> L.). <i>Food and Chemical Toxicology</i> , 2018, 118, 181-189. | 3.6 | 52 |
| 31 | Microwave-assisted extraction, HPLC analysis, and inhibitory effects on carbonic anhydrase I, II, VA, and VII isoforms of 14 blueberry Italian cultivars. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016, 31, 1-6. | 5.2 | 51 |
| 32 | Phenolic Analysis and In Vitro Biological Activity of Red Wine, Pomace and Grape Seeds Oil Derived from <i>Vitis vinifera</i> L. cv. Montepulciano dâ€™Abruzzo. <i>Antioxidants</i> , 2021, 10, 1704. | 5.1 | 51 |
| 33 | Bioactive isoflavones from <i>Pueraria lobata</i> root and starch: Different extraction techniques and carbonic anhydrase inhibition. <i>Food and Chemical Toxicology</i> , 2018, 112, 441-447. | 3.6 | 50 |
| 34 | Anti-Candida activity and cytotoxicity of a large library of new N-substituted-1,3-thiazolidin-4-one derivatives. <i>European Journal of Medicinal Chemistry</i> , 2016, 107, 82-96. | 5.5 | 49 |
| 35 | The Positive Regulation of eNOS Signaling by PPAR Agonists in Cardiovascular Diseases. <i>American Journal of Cardiovascular Drugs</i> , 2017, 17, 273-281. | 2.2 | 49 |
| 36 | Discovery of arginine-containing tripeptides as a new class of pancreatic lipase inhibitors. <i>Future Medicinal Chemistry</i> , 2019, 11, 5-19. | 2.3 | 47 |

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|----|---|-----|-----------|
| 37 | Multifunctional approaches to provide potential pharmacophores for the pharmacy shelf: <i>Heracleum sphondylium</i> L. subsp. <i>ternatum</i> (Velen.) Brummitt.. <i>Computational Biology and Chemistry</i> , 2019, 78, 64-73. | 2.3 | 47 |
| 38 | Open saccharin-based secondary sulfonamides as potent and selective inhibitors of cancer-related carbonic anhydrase IX and XII isoforms. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2017, 32, 51-59. | 5.2 | 46 |
| 39 | Exploring new Probenecid-based carbonic anhydrase inhibitors: Synthesis, biological evaluation and docking studies. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 5311-5318. | 3.0 | 45 |
| 40 | Combination of phenolic profiles, pharmacological properties and in silico studies to provide new insights on <i>Silene salsuginea</i> from Turkey. <i>Computational Biology and Chemistry</i> , 2018, 77, 178-186. | 2.3 | 45 |
| 41 | Exploring the Nutraceutical Potential of Dried Pepper <i>Capsicum annum</i> L. on Market from Altino in Abruzzo Region. <i>Antioxidants</i> , 2020, 9, 400. | 5.1 | 45 |
| 42 | Ibuprofen and Glutathione Conjugate as a Potential Therapeutic Agent for Treating Alzheimer's Disease. <i>Archiv Der Pharmazie</i> , 2011, 344, 139-148. | 4.1 | 43 |
| 43 | Dual Cyclooxygenase and Carbonic Anhydrase Inhibition by Nonsteroidal Anti-Inflammatory Drugs for the Treatment of Cancer. <i>Current Medicinal Chemistry</i> , 2015, 22, 2812-2818. | 2.4 | 42 |
| 44 | New insights into the in vitro biological effects, in silico docking and chemical profile of clary sage " <i>Salvia sclarea</i> L.. <i>Computational Biology and Chemistry</i> , 2018, 75, 111-119. | 2.3 | 40 |
| 45 | In vitro and in silico Studies of Mangiferin from <i>Aphloia theiformis</i> on Key Enzymes Linked to Diabetes Type 2 and Associated Complications. <i>Medicinal Chemistry</i> , 2017, 13, 633-640. | 1.5 | 40 |
| 46 | Synthesis and biological activity of the first cyclic biphalin analogues. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006, 16, 367-372. | 2.2 | 39 |
| 47 | Novel 1,3-thiazolidin-4-one derivatives as promising anti- <i>Candida</i> agents endowed with anti-oxidant and chelating properties. <i>European Journal of Medicinal Chemistry</i> , 2016, 117, 144-156. | 5.5 | 39 |
| 48 | In vitro and in silico evaluation of <i>Centaurea saligna</i> (K.Koch) Wagenitz"An endemic folk medicinal plant. <i>Computational Biology and Chemistry</i> , 2018, 73, 120-126. | 2.3 | 38 |
| 49 | Novel in vitro and in silico insights of the multi-biological activities and chemical composition of <i>Bidens tripartita</i> L.. <i>Food and Chemical Toxicology</i> , 2018, 111, 525-536. | 3.6 | 38 |
| 50 | The design of multitarget ligands for chronic and neuropathic pain. <i>Future Medicinal Chemistry</i> , 2015, 7, 2469-2483. | 2.3 | 37 |
| 51 | Recent application of analytical methods to phase I and phase II drugs development: a review. <i>Biomedical Chromatography</i> , 2012, 26, 283-300. | 1.7 | 36 |
| 52 | The <i>cis</i> -4-Amino- <i>l</i> -proline Residue as a Scaffold for the Synthesis of Cyclic and Linear Endomorphin-2 Analogues. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 3027-3035. | 6.4 | 36 |
| 53 | Effects of Kisspeptin-10 on Hypothalamic Neuropeptides and Neurotransmitters Involved in Appetite Control. <i>Molecules</i> , 2018, 23, 3071. | 3.8 | 36 |
| 54 | Chemical profile, antiproliferative, antioxidant and enzyme inhibition activities of <i>Ocimum basilicum</i> L. and <i>Pulicaria undulata</i> (L.) C.A. Mey. grown in Sudan. <i>South African Journal of Botany</i> , 2020, 132, 403-409. | 2.5 | 36 |

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|----|--|-----|-----------|
| 55 | Synthesis and evaluation of new endomorphin analogues modified at the Pro2 residue. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 4115-4118. | 2.2 | 35 |
| 56 | Nitric Oxide Donors and Selective Carbonic Anhydrase Inhibitors: A Dual Pharmacological Approach for the Treatment of Glaucoma, Cancer and Osteoporosis. <i>Molecules</i> , 2015, 20, 5667-5679. | 3.8 | 35 |
| 57 | Synthesis and pharmacological screening of a large library of 1,3,4-thiadiazolines as innovative therapeutic tools for the treatment of prostate cancer and melanoma. <i>European Journal of Medicinal Chemistry</i> , 2015, 105, 245-262. | 5.5 | 35 |
| 58 | A Multidirectional Perspective for Novel Functional Products: In vitro Pharmacological Activities and In silico Studies on <i>Ononis natrix</i> subsp. <i>hispanica</i> . <i>Frontiers in Pharmacology</i> , 2017, 8, 600. | 3.5 | 35 |
| 59 | Exogenous opioid peptides derived from food proteins and their possible uses as dietary supplements: A critical review. <i>Food Reviews International</i> , 2018, 34, 70-86. | 8.4 | 35 |
| 60 | GPE and GPE Analogues as Promising Neuroprotective Agents. <i>Mini-Reviews in Medicinal Chemistry</i> , 2012, 12, 13-23. | 2.4 | 33 |
| 61 | Biological Active Analogues of the Opioid Peptide Biphalin: Mixed μ / κ -Peptides. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 3419-3423. | 6.4 | 32 |
| 62 | New amide derivatives of Probenecid as selective inhibitors of carbonic anhydrase IX and XII: Biological evaluation and molecular modelling studies. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 2975-2981. | 3.0 | 32 |
| 63 | Design, Synthesis and Biological Evaluation of Two Opioid Agonist and Ca^{2+} Blocker Multitarget Ligands. <i>Chemical Biology and Drug Design</i> , 2015, 86, 156-162. | 3.2 | 31 |
| 64 | Combining in vitro, in vivo and in silico approaches to evaluate nutraceutical potentials and chemical fingerprints of <i>Moltingia aurea</i> and <i>Moltingia coerulea</i> . <i>Food and Chemical Toxicology</i> , 2017, 107, 540-553. | 3.6 | 31 |
| 65 | In vitro biological propensities and chemical profiling of <i>Euphorbia milii</i> Des Moul (Euphorbiaceae): A novel source for bioactive agents. <i>Industrial Crops and Products</i> , 2019, 130, 9-15. | 5.2 | 31 |
| 66 | Chemotactic peptides: fMLF-OMe analogues incorporating proline-methionine chimeras as N-terminal residue. <i>Bioorganic and Medicinal Chemistry</i> , 2006, 14, 2253-2265. | 3.0 | 30 |
| 67 | Synthesis and activity of endomorphin-2 and morphiceptin analogues with proline surrogates in position 2. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 4594-4600. | 5.5 | 30 |
| 68 | Synthesis and Evaluation of New Endomorphin-2 Analogues Containing (Z)- β , β -Didehydrophenylalanine (1 ZPhe) Residues. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 4550-4554. | 6.4 | 30 |
| 69 | Conformationally Constrained Histidines in the Design of Peptidomimetics: Strategies for the β -Space Control. <i>International Journal of Molecular Sciences</i> , 2011, 12, 2853-2890. | 4.1 | 30 |
| 70 | New potent biphalin analogues containing p-fluoro-l-phenylalanine at the 4,4' positions and non-hydrazine linkers. <i>Amino Acids</i> , 2011, 40, 1503-1511. | 2.7 | 30 |
| 71 | Novel Cyclic Biphalin Analogue with Improved Antinociceptive Properties. <i>ACS Medicinal Chemistry Letters</i> , 2014, 5, 1032-1036. | 2.8 | 30 |
| 72 | Analgesic Properties of Opioid/NK1 Multitarget Ligands with Distinct in Vitro Profiles in Naive and Chronic Constriction Injury Mice. <i>ACS Chemical Neuroscience</i> , 2017, 8, 2315-2324. | 3.5 | 30 |

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|----|---|-----|-----------|
| 73 | Activation of $\hat{2}$ - and $\hat{3}$ -carbonic anhydrases from pathogenic bacteria with tripeptides. Journal of Enzyme Inhibition and Medicinal Chemistry, 2018, 33, 945-950. | 5.2 | 30 |
| 74 | Phenolic profiling and in vitro biological properties of two Lamiaceae species (<i>Salvia modesta</i> and <i>Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50</i>) | 5.2 | 30 |
| 75 | Discovery of novel amide tripeptides as pancreatic lipase inhibitors by virtual screening. New Journal of Chemistry, 2019, 43, 3208-3217. | 2.8 | 28 |
| 76 | Exploring the halophyte <i>Cistanche phelypaea</i> (L.) Cout as a source of health promoting products: In vitro antioxidant and enzyme inhibitory properties, metabolomic profile and computational studies. Journal of Pharmaceutical and Biomedical Analysis, 2019, 165, 119-128. | 2.8 | 28 |
| 77 | Chemical composition and biological activity of <i>Capparis spinosa</i> L. from Lipari Island. South African Journal of Botany, 2019, 120, 135-140. | 2.5 | 28 |
| 78 | Validation of the Antioxidant and Enzyme Inhibitory Potential of Selected Triterpenes Using In Vitro and In Silico Studies, and the Evaluation of Their ADMET Properties. Molecules, 2021, 26, 6331. | 3.8 | 28 |
| 79 | Exploring the first Rimobabant analog-opioid peptide hybrid compound, as bivalent ligand for CB1 and opioid receptors. Journal of Enzyme Inhibition and Medicinal Chemistry, 2017, 32, 444-451. | 5.2 | 27 |
| 80 | Multidirectional investigations on different parts of <i>Allium scorodoprasum</i> L. subsp. <i>rotundum</i> (L.) Stearn: Phenolic components, in vitro biological, and in silico propensities. Food Research International, 2018, 108, 641-649. | 6.2 | 27 |
| 81 | Biological effects and chemical characterization of <i>Iris schachtii</i> Markgr. extracts: A new source of bioactive constituents. Food and Chemical Toxicology, 2018, 112, 448-457. | 3.6 | 27 |
| 82 | Integration of in vitro and in silico perspectives to explain chemical characterization, biological potential and anticancer effects of <i>Hypericum salugineum</i> : A pharmacologically active source for functional drug formulations. PLoS ONE, 2018, 13, e0197815. | 2.5 | 27 |
| 83 | Hemopressin Peptides as Modulators of the Endocannabinoid System and their Potential Applications as Therapeutic Tools. Protein and Peptide Letters, 2016, 23, 1045-1051. | 0.9 | 27 |
| 84 | Novel chemotactic For-Met-Leu-Phe-OMe (fMLF-OMe) analogues based on Met residue replacement by 4-amino-proline scaffold: Synthesis and bioactivity. Bioorganic and Medicinal Chemistry, 2009, 17, 251-259. | 3.0 | 26 |
| 85 | Antinociceptive profile of potent opioid peptide AM94, a fluorinated analogue of biphalin with non-hydrazine linker. Journal of Peptide Science, 2013, 19, 233-239. | 1.4 | 26 |
| 86 | Emotional disorders induced by Hemopressin and RVD-hemopressin($\hat{1}$) administration in rats. Pharmacological Reports, 2017, 69, 1247-1253. | 3.3 | 26 |
| 87 | Phenolic Profile, Toxicity, Enzyme Inhibition, In Silico Studies, and Antioxidant Properties of <i>Cakile maritima</i> Scop. (Brassicaceae) from Southern Portugal. Plants, 2020, 9, 142. | 3.5 | 26 |
| 88 | Chemical composition and biological activities of essential oils from <i>Calendula officinalis</i> L. flowers and leaves. Flavour and Fragrance Journal, 2021, 36, 554-563. | 2.6 | 26 |
| 89 | Synthesis and biological evaluation of new biphalin analogues with non-hydrazine linkers. Bioorganic and Medicinal Chemistry Letters, 2005, 15, 2471-2475. | 2.2 | 25 |
| 90 | Synthesis and anti-cancer activity of naturally occurring 2,5-diketopiperazines. <i>FÅ-toterapÅ-Åç</i> , 2014, 98, 91-97. | 2.2 | 25 |

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|-----|---|-----|-----------|
| 91 | DPP-4 inhibitors: a patent review (2012 – 2014). <i>Expert Opinion on Therapeutic Patents</i> , 2015, 25, 209-236. | 5.0 | 25 |
| 92 | Small Molecule Inhibitors of KDM5 Histone Demethylases Increase the Radiosensitivity of Breast Cancer Cells Overexpressing JARID1B. <i>Molecules</i> , 2019, 24, 1739. | 3.8 | 25 |
| 93 | Effects of genistein on blood pressure: A systematic review and meta-analysis. <i>Food Research International</i> , 2020, 128, 108764. | 6.2 | 25 |
| 94 | Synthesis of (S)-5,6-dibromo-tryptophan derivatives as building blocks for peptide chemistry. <i>Tetrahedron Letters</i> , 2011, 52, 2583-2585. | 1.4 | 24 |
| 95 | Structure-Activity Relationships of Biphalin Analogs and their Biological Evaluation on Opioid Receptors. <i>Mini-Reviews in Medicinal Chemistry</i> , 2013, 13, 11-33. | 2.4 | 24 |
| 96 | A comparative in vitro and in silico study of the biological potential and chemical fingerprints of <i>Dorcycinum pentapylum</i> subsp. <i>haussknechtii</i> using three extraction procedures. <i>New Journal of Chemistry</i> , 2017, 41, 13952-13960. | 2.8 | 24 |
| 97 | Metabolomics profiling, bio-pharmaceutical properties of <i>Hypericum lanuginosum</i> extracts by in vitro and in silico approaches. <i>Industrial Crops and Products</i> , 2019, 133, 373-382. | 5.2 | 24 |
| 98 | <i>Viscum album</i> L. homogenizer-assisted and ultrasound-assisted extracts as potential sources of bioactive compounds. <i>Journal of Food Biochemistry</i> , 2020, 44, e13377. | 2.9 | 24 |
| 99 | Peptide backbone folding induced by the C α -tetrasubstituted cyclic β -amino acids 4-amino-1,2-dithiolane-4-carboxylic acid (Adt) and 1-aminocyclopentane-1-carboxylic acid (Ac5c). A joint computational and experimental study. <i>Organic and Biomolecular Chemistry</i> , 2003, 1, 1980-1988. | 2.8 | 23 |
| 100 | Hybrid β / α -peptides: For-Met-Leu-Phe-OMe analogues containing geminally disubstituted α , α - and α , β -amino acids at the central position. <i>Amino Acids</i> , 2006, 30, 453-459. | 2.7 | 23 |
| 101 | <i>cis</i> -4-Amino-proline Residue As a Scaffold for the Synthesis of Cyclic and Linear Endomorphin-2 Analogues: Part 2. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 8477-8482. | 6.4 | 23 |
| 102 | Chemical characterization, antioxidant properties and enzyme inhibition of Rutabaga root's pulp and peel (<i>Brassica napus</i> L.). <i>Arabian Journal of Chemistry</i> , 2020, 13, 7078-7086. | 4.9 | 23 |
| 103 | The Evolution of Peptide Synthesis: From Early Days to Small Molecular Machines. <i>Current Bioactive Compounds</i> , 2014, 9, 184-202. | 0.5 | 23 |
| 104 | Hybrid β / α -peptides with proteinogenic side chains. monosubstituted analogues of the chemotactic tripeptide For-Met-Leu-Phe-OMe. <i>Journal of Peptide Science</i> , 2004, 10, 510-523. | 1.4 | 22 |
| 105 | Fluorescent-labeled bioconjugates of the opioid peptides biphalin and DPDPE incorporating fluorescein maleimide linkers. <i>Future Medicinal Chemistry</i> , 2017, 9, 859-869. | 2.3 | 22 |
| 106 | Chemical characterization, antioxidant properties, anti-inflammatory activity, and enzyme inhibition of <i>Ipomoea batatas</i> L. leaf extracts. <i>International Journal of Food Properties</i> , 2017, , 1-13. | 3.0 | 22 |
| 107 | In vitro and in silico insights of <i>Cupressus sempervirens</i> , <i>Artemisia absinthium</i> and <i>Lippia triphylla</i> : Bridging traditional knowledge and scientific validation. <i>European Journal of Integrative Medicine</i> , 2017, 12, 135-141. | 1.7 | 21 |
| 108 | An overview on plants cannabinoids endorsed with cardiovascular effects. <i>Biomedicine and Pharmacotherapy</i> , 2021, 142, 111963. | 5.6 | 21 |

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|-----|--|-----|-----------|
| 109 | Pyroglutamic Acid Derivatives: Building Blocks for Drug Discovery. <i>Heterocycles</i> , 2014, 89, 1801. | 0.7 | 21 |
| 110 | CNS delivery of l-dopa by a new hybrid glutathione- α -methionine peptidomimetic prodrug. <i>Amino Acids</i> , 2012, 42, 261-269. | 2.7 | 20 |
| 111 | Bioactivities of <i>Achillea phrygia</i> and <i>Bupleurum croceum</i> based on the composition of phenolic compounds: In-vitro and in silico approaches. <i>Food and Chemical Toxicology</i> , 2017, 107, 597-608. | 3.6 | 20 |
| 112 | Effects of central RVD-hemopressin (\pm) administration on anxiety, feeding behavior and hypothalamic neuromodulators in the rat. <i>Pharmacological Reports</i> , 2018, 70, 650-657. | 3.3 | 20 |
| 113 | Biologically active compounds from two members of the Asteraceae family: <i>Tragopogon dubius</i> Scop. and <i>Tussilago farfara</i> L.. <i>Journal of Biomolecular Structure and Dynamics</i> , 2019, 37, 3269-3281. | 3.5 | 20 |
| 114 | Preparation of bivalent agonists for targeting the mu opioid and cannabinoid receptors. <i>European Journal of Medicinal Chemistry</i> , 2019, 178, 571-588. | 5.5 | 20 |
| 115 | Plant-derived peptides rubiscolin-6, soymorphin-6 and their c-terminal amide derivatives: Pharmacokinetic properties and biological activity. <i>Journal of Functional Foods</i> , 2020, 73, 104154. | 3.4 | 20 |
| 116 | Role of Formyl Peptide Receptors (FPR) in Abnormal Inflammation Responses Involved in Neurodegenerative Diseases. <i>Anti-Inflammatory and Anti-Allergy Agents in Medicinal Chemistry</i> , 2012, 11, 20-36. | 1.1 | 19 |
| 117 | Identification of new anti- <i>Candida</i> compounds by ligand-based pharmacophore virtual screening. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016, 31, 1703-1706. | 5.2 | 19 |
| 118 | Anorexigenic effects induced by RVD-hemopressin (\pm) administration. <i>Pharmacological Reports</i> , 2017, 69, 1402-1407. | 3.3 | 19 |
| 119 | Multi-targeted potential of <i>Pittosporum senacia</i> Putt.: HPLC-ESI-MSn analysis, in silico docking, DNA protection, antimicrobial, enzyme inhibition, anti-cancer and apoptotic activity. <i>Computational Biology and Chemistry</i> , 2019, 83, 107114. | 2.3 | 19 |
| 120 | Melatonin and Multiple Sclerosis: From Plausible Neuropharmacological Mechanisms of Action to Experimental and Clinical Evidence. <i>Clinical Drug Investigation</i> , 2019, 39, 607-624. | 2.2 | 19 |
| 121 | Pharmacological and polyphenolic profiles of <i>Phyllanthus phillyreifolius</i> var. <i>commersonii</i> Mill. Arg: An unexplored endemic species from Mauritius. <i>Food Research International</i> , 2019, 115, 425-438. | 6.2 | 19 |
| 122 | Peptide Human Neutrophil Elastase Inhibitors from Natural Sources: An Overview. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2924. | 4.1 | 19 |
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