# Luciana Scotti

List of Publications by Year
in descending order



| 214 | 2,637 | 218381 26 | 315357 38 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 216 | 216 | 216 | 3494 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Quantitative structureâ€“activity relationship of sesquiterpene lactones with cytotoxic activity. Bioorganic and Medicinal Chemistry, 2007, 15, 2927-2934. | 1.4 | 96 |
| 2 | Hybrid Compounds as Direct Multitarget Ligands: A Review. Current Topics in Medicinal Chemistry, 2017, 17, 1044-1079. | 1.0 | 92 |
| 3 | Progress in Polymeric Nano-Medicines for Theranostic Cancer Treatment. Polymers, 2020, 12, 598. | 2.0 | 72 |
| 4 | 2-Amino-thiophene derivatives present antileishmanial activity mediated by apoptosis and immunomodulation inÂvitro. European Journal of Medicinal Chemistry, 2015, 106, 1-14. | 2.6 | 62 |
| 5 | Î±-Terpineol, a monoterpene alcohol, complexed with Î²-cyclodextrin exerts antihyperalgesic effect in animal model for fibromyalgia aided with docking study. Chemico-Biological Interactions, 2016, 254, 54-62. | 1.7 | 55 |
| 6 | Computational Studies Applied to Flavonoids against Alzheimerâ€™s and Parkinsonâ€™s Diseases. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-21. | 1.9 | 51 |
| 7 | SAR, QSAR and Docking of Anticancer Flavonoids and Variants: A Review. Current Topics in Medicinal Chemistry, 2013, 12, 2785-2809. | 1.0 | 51 |
| 8 | Synthesis, Structure-Activity Relationships (SAR) and in Silico Studies of Coumarin Derivatives with Antifungal Activity. International Journal of Molecular Sciences, 2013, 14, 1293-1309. | 1.8 | 46 |
| 9 | Use of self-organizing maps and molecular descriptors to predict the cytotoxic activity of sesquiterpene lactones. European Journal of Medicinal Chemistry, 2008, 43, 2197-2205. | 2.6 | 42 |
| 10 | SistematX, an Online Web-Based Cheminformatics Tool for Data Management of Secondary Metabolites. Molecules, 2018, 23, 103. | 1.7 | 41 |
| 11 | Active Essential Oils and Their Components in Use against Neglected Diseases and Arboviruses. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-52. | 1.9 | 41 |
| 12 | Antileishmanial activity of new thiopheneâ€“indole hybrids: Design, synthesis, biological and cytotoxic evaluation, and chemometric studies. Bioorganic and Medicinal Chemistry, 2016, 24, 3972-3977. | 1.4 | 40 |
| 13 | Docking Studies for Multi-Target Drugs. Current Drug Targets, 2017, 18, 592-604. | 1.0 | 39 |
| 14 | Design, synthesis, molecular docking and biological evaluation of thiophen-2-iminothiazolidine derivatives for use against Trypanosoma cruzi. Bioorganic and Medicinal Chemistry, 2016, 24, 4228-4240. | 1.4 | 38 |
| 15 | Thiophene-Based Compounds with Potential Anti-Inflammatory Activity. Pharmaceuticals, 2021, 14, 692. | 1.7 | 37 |
| 16 | Preliminary antifungal and cytotoxic evaluation of synthetic cycloalkyl[b]thiophene derivatives with PLS-DA analysis. Acta Pharmaceutica, 2012, 62, 221-236. | 0.9 | 36 |
| 17 | Î±-Terpineol reduces cancer pain via modulation of oxidative stress and inhibition of iNOS. Biomedicine and Pharmacotherapy, 2018, 105, 652-661. | 2.5 | 35 |
| 18 | In Silico Studies Designed to Select Sesquiterpene Lactones with Potential Antichagasic Activity from an Inâ€House Asteraceae Database. ChemMedChem, 2018, 13, 634-645. | 1.6 | 34 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Evidence for the involvement of descending pain-inhibitory mechanisms in the attenuation of cancer pain by carvacrol aided through a docking study. Life Sciences, 2014, 116, 8-15. | 2.0 | 33 |
| 20 | Kinetic and physical-chemical study of the inclusion complex of Î²-cyclodextrin containing carvacrol. Journal of Molecular Structure, 2016, 1125, 323-330. | 1.8 | 33 |
| 21 | Benzo- and Thienobenzo- Diazepines: Multi-target Drugs for CNS Disorders. Mini-Reviews in Medicinal Chemistry, 2015, 15, 630-647. | 1.1 | 33 |
| 22 | Computer-Aided Drug Design Using Sesquiterpene Lactones as Sources of New Structures with Potential Activity against Infectious Neglected Diseases. Molecules, 2017, 22, 79. | 1.7 | 32 |
| 23 | In-silico Analyses of Natural Products on Leishmania Enzyme Targets. Mini-Reviews in Medicinal Chemistry, 2015, 15, 253-269. | 1.1 | 32 |
| 24 | Antifungal Activity, Mode of Action, Docking Prediction and Anti-biofilm Effects of (+)-Î²-pinene Enantiomers against Candida spp.. Current Topics in Medicinal Chemistry, 2019, 18, 2481-2490. | 1.0 | 30 |
| 25 | Chemometric Studies on Natural Products as Potential Inhibitors of the NADH Oxidase from Trypanosoma cruzi Using the VolSurf Approach. Molecules, 2010, 15, 7363-7377. | 1.7 | 29 |
| 26 | Molecular Docking Studies Applied to a Dataset of Cruzain Inhibitors. Current Computer-Aided Drug Design, 2018, 14, 68-78. | 0.8 | 29 |
| 27 | Docking Prediction, Antifungal Activity, Anti-Biofilm Effects on Candida spp., and Toxicity against Human Cells of Cinnamaldehyde. Molecules, 2020, 25, 5969. | 1.7 | 28 |
| 28 | Self-Organizing Maps of Molecular Descriptors for Sesquiterpene Lactones and Their Application to the Chemotaxonomy of the Asteraceae Family. Molecules, 2012, 17, 4684-4702. | 1.7 | 27 |
| 29 | Variable-selection approaches to generate QSAR models for a set of antichagasic semicarbazones and analogues. Chemometrics and Intelligent Laboratory Systems, 2016, 154, 137-149. | 1.8 | 27 |
| 30 | Structure- and Ligand-Based Approaches to Evaluate Aporphynic Alkaloids from Annonaceae as Multi-Target Agent Against Leishmania donovani. Current Pharmaceutical Design, 2016, 22, 5196-5203. | 0.9 | 27 |
| 31 | Modulation of Drug Resistance inStaphylococcus aureuswith Coumarin Derivatives. Scientifica, 2016, 2016, 1-6. | 0.6 | 26 |
| 32 | Cell-based multi-target QSAR model for design of virtual versatile inhibitors of liver cancer cell lines. SAR and QSAR in Environmental Research, 2020, 31, 815-836. | 1.0 | 26 |
| 33 | Quantitative elucidation of the structureâ€“bitterness relationship of cynaropicrin and grosheimin derivatives. Food Chemistry, 2007, 105, 77-83. | 4.2 | 25 |
| 34 | Experimental Methodologies and Evaluations of Computer-Aided Drug Design Methodologies Applied to a Series of 2-Aminothiophene Derivatives with Antifungal Activities. Molecules, 2012, 17, 2298-2315. | 1.7 | 25 |
| 35 | Anti-hyperalgesic effect of Lippia grata leaf essential oil complexed with Î²-cyclodextrin in a chronic musculoskeletal pain animal model: Complemented with a molecular docking and antioxidant screening. Biomedicine and Pharmacotherapy, 2017, 91, 739-747. | 2.5 | 25 |
| 36 | Analytical techniques to recognize inclusion complexes formation involving monoterpenes and cyclodextrins: A study case with (â€“) borneol, a food ingredient. Food Chemistry, 2021, 339, 127791. | 4.2 | 24 |

| # | Article | IF | Citations |
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| 37 | Natural Products as a Source for Antileishmanial and Antitrypanosomal Agents. Combinatorial Chemistry and High Throughput Screening, 2016, 19, 537-553. | 0.6 | 24 |
| 38 | Molecular Modeling and Physicochemical Properties of Supramolecular Complexes of Limonene with Î±- and Î²-Cyclodextrins. AAPS PharmSciTech, 2017, 18, 49-57. | 1.5 | 23 |
| 39 | Computer Aided Drug Design Studies in the Discovery of Secondary Metabolites Targeted Against Age-Related Neurodegenerative Diseases. Current Topics in Medicinal Chemistry, 2015, 15, 2239-2252. | 1.0 | 23 |
| 40 | Chemometric Studies on Potential Larvicidal Compounds Against Aedes Aegypti. Medicinal Chemistry, 2014, 10, 201-210. | 0.7 | 23 |
| 41 | Drug discovery and computational strategies in the multitarget drugs era. Brazilian Journal of Pharmaceutical Sciences, 2018, 54, . | 1.2 | 22 |
| 42 | Docking, characterization and investigation of Î²-cyclodextrin complexed with farnesol, an acyclic sesquiterpene alcohol, produces orofacial antinociceptive profile in experimental protocols. Process Biochemistry, 2017, 62, 193-204. | 1.8 | 21 |
| 43 | Nanoemulsion Thermoreversible Pluronic F127-Based Hydrogel Containing Hyptis pectinata (Lamiaceae) Leaf Essential Oil Produced a Lasting Anti-hyperalgesic Effect in Chronic Noninflammatory Widespread Pain in Mice. Molecular Neurobiology, 2018, 55, 1665-1675. | 1.9 | 21 |
| 44 | Natural Bioactive Products with Antioxidant Properties Useful in Neurodegenerative Diseases. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-2. | 1.9 | 21 |
| 45 | Combined structure- and ligand-based virtual screening to evaluate caulerpin analogs with potential inhibitory activity against monoamine oxidase B. Revista Brasileira De Farmacognosia, 2015, 25, 690-697. | 0.6 | 20 |
| 46 | Recent Advancement in Natural Hyaluronidase Inhibitors. Current Topics in Medicinal Chemistry, 2016, 16, 2525-2531. | 1.0 | 20 |
| 47 | In Silico Studies Revealed Multiple Neurological Targets for the Antidepressant Molecule Ursolic Acid. Current Neuropharmacology, 2017, 15, 1100-1106. | 1.4 | 20 |
| 48 | p-Cymene attenuates cancer pain via inhibitory pathways and modulation of calcium currents. Phytomedicine, 2019, 61, 152836. | 2.3 | 19 |
| 49 | Characterization and Antihypertensive Effect of the Complex of (-)-Î²- pinene in Î²-cyclodextrin. Current Pharmaceutical Biotechnology, 2016, 17, 837-845. | 0.9 | 19 |
| 50 | Advances in Chiral Separations at Nano Level. Current Analytical Chemistry, 2020, 16, 351-368. | 0.6 | 19 |
| 51 | Natural Product Inhibitors of Topoisomerases: Review and Docking Study. Current Protein and Peptide Science, 2018, 19, 275-291. | 0.7 | 18 |
| 52 | Docking and physico-chemical properties of Î±- and Î²-cyclodextrin complex containing isopulegol: a comparative study. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2016, 85, 341-354. | 0.9 | 17 |
| 53 | Alcoholic monoterpenes found in essential oil of aromatic spices reduce allergic inflammation by the modulation of inflammatory cytokines. Natural Product Research, 2019, 33, 1773-1777. | 1.0 | 17 |
| 54 | Virtual Screening and the In Vitro Assessment of the Antileishmanial Activity of Lignans. Molecules, 2020, 25, 2281. | 1.7 | 17 |

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| 55 | Antinociceptive Activity of Chemical Components of Essential Oils That Involves Docking Studies: A Review. Frontiers in Pharmacology, 2020, 11, 777. | 1.6 | 17 |
| 56 | The SistematX Web Portal of Natural Products: An Update. Journal of Chemical Information and Modeling, 2021, 61, 2516-2522. | 2.5 | 17 |
| 57 | Virtual Screening of Natural Products Database. Mini-Reviews in Medicinal Chemistry, 2021, 21, 2657-2730. | 1.1 | 17 |
| 58 | Computer-aided Drug Design Applied to Parkinson Targets. Current Neuropharmacology, 2018, 16, 865-880. | 1.4 | 17 |
| 59 | QSAR Modeling for Multi-Target Drug Discovery: Designing Simultaneous Inhibitors of Proteins in Diverse Pathogenic Parasites. Frontiers in Chemistry, 2021, 9, 634663. | 1.8 | 16 |
| 60 | 13C NMR spectral data and molecular descriptors to predict the antioxidant activity of flavonoids. Brazilian Journal of Pharmaceutical Sciences, 2011, 47, 241-249. | 1.2 | 15 |
| 61 | Combined structure- and ligand-based virtual screening aiding discovery of selenoglycolicamides as potential multitarget agents against Leishmania species. Journal of Molecular Structure, 2019, 1198, 126872. | 1.8 | 15 |
| 62 | Selection of antileishmanial sesquiterpene lactones from SistematX database using a combined ligand-/structure-based virtual screening approach. Molecular Diversity, 2021, 25, 2411-2427. | 2.1 | 15 |
| 63 | Diabetes Mellitus and Male Aging: Pharmacotherapeutics and Clinical Implications. Current Pharmaceutical Design, 2017, 23, 4475-4483. | 0.9 | 15 |
| 64 | Docking of Natural Products against Neurodegenerative Diseases: General Concepts. Combinatorial Chemistry and High Throughput Screening, 2018, 21, 152-160. | 0.6 | 15 |
| 65 | Enzymatic Targets in Trypanosoma brucei. Current Protein and Peptide Science, 2016, 17, 243-259. | 0.7 | 15 |
| 66 | Dynamic Simulation, Docking and DFT Studies Applied to a Set of Anti-Acetylcholinesterase Inhibitors in the enzyme Î²-Secretase (BACE-1): An Important Therapeutic Target in Alzheimer's Disease. Current Computer-Aided Drug Design, 2017, 13, 266-274. | 0.8 | 15 |
| 67 | Synthesis and Chemometrics of Thymol and Carvacrol Derivatives as Larvicides against. Journal of Arthropod-Borne Diseases, 2017, 11, 315-330. | 0.9 | 15 |
| 68 | Comparative Computational Studies of 3,4-Dihydro-2,6-diaryl-4-oxo-pyrimidine-5-carbonitrile Derivatives as Potential Antinociceptive Agents. Molecules, 2012, 17, 809-819. | 1.7 | 14 |
| 69 | Quantitative Structureâ€“Activity Relationship Modeling and Docking of Monoterpenes with Insecticidal Activity Against Reticulitermes chinensis Snyder and Drosophila melanogaster. Journal of Agricultural and Food Chemistry, 2020, 68, 4687-4698. | 2.4 | 14 |
| 70 | Multi-target Drug Discovery via PTML Modeling: Applications to the Design of Virtual Dual Inhibitors of CDK4 and HER2. Current Topics in Medicinal Chemistry, 2021, 21, 661-675. | 1.0 | 14 |
| 71 | Advances in Nanoparticles as Anticancer Drug Delivery Vector: Need of this Century. Current Pharmaceutical Design, 2020, 26, 1637-1649. | 0.9 | 14 |
| 72 | Self-organizing maps and VolSurf approach to predict aldose reductase inhibition by flavonoid compounds. Revista Brasileira De Farmacognosia, 2011, 21, 170-180. | 0.6 | 13 |

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| 73 | Caco-2 cells cytotoxicity of nifuroxazide derivatives with potential activity against Methicillin-resistant Staphylococcus aureus (MRSA). Toxicology in Vitro, 2012, 26, 535-540. | 1.1 | 13 |
| 74 | Identification of New Targets and the Virtual Screening of Lignans against Alzheimerâ€™s Disease. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-19. | 1.9 | 13 |
| 75 | Characterization of Î²-cyclodextrin/myrtenol complex and its protective effect against nociceptive behavior and cognitive impairment in a chronic musculoskeletal pain model. Carbohydrate Polymers, 2020, 244, 116448. | 5.1 | 13 |
| 76 | Multi-Target Drugs for Neglected Diseases. Current Pharmaceutical Design, 2016, 22, 3135-3163. | 0.9 | 13 |
| 77 | Computer-Aided Drug Design Applied to Secondary Metabolites as Anticancer Agents. Current Topics in Medicinal Chemistry, 2020, 20, 1677-1703. | 1.0 | 13 |
| 78 | Polyphenols rich Passiflora leschenaultii leaves modulating Farnesoid X Receptor and Pregnane X Receptor against paracetamol-induced hepatotoxicity in rats. Biomedicine and Pharmacotherapy, 2017, 88, 1114-1121. | 2.5 | 12 |
| 79 | EDITORIAL (Thematic Issue : Hybrid Compounds as Multitarget Agents in Medicinal Chemistry â€“ Part I). Current Topics in Medicinal Chemistry, 2017, 17, 843-844. | 1.0 | 12 |
| 80 | Predictive ecotoxicity of MoA 1 of organic chemicals using in silico approaches. Ecotoxicology and Environmental Safety, 2018, 153, 151-159. | 2.9 | 12 |
| 81 | Computer-Aided Chemotaxonomy and Bioprospecting Study of Diterpenes of the Lamiaceae Family. Molecules, 2019, 24, 3908. | 1.7 | 12 |
| 82 | Machine Learning, Molecular Modeling, and QSAR Studies on Natural Products Against Alzheimerâ€™s Disease. Current Medicinal Chemistry, 2021, 28, 7808-7829. | 1.2 | 12 |
| 83 | Ligand and Structure-based Virtual Screening of Lamiaceae Diterpenes with Potential Activity against a Novel Coronavirus (2019-nCoV). Current Topics in Medicinal Chemistry, 2020, 20, 2126-2145. | 1.0 | 12 |
| 84 | Biochemical Changes Evidenced in Alzheimer's Disease: A Mini-Review. Letters in Drug Design and Discovery, 2013, 11, 240-248. | 0.4 | 12 |
| 85 | Multi-Target Drugs Against Metabolic Disorders. Endocrine, Metabolic and Immune Disorders - Drug Targets, 2019, 19, 402-418. | 0.6 | 12 |
| 86 | Virtual screening of secondary metabolites of the genus Solanum with potential antimicrobial activity. Revista Brasileira De Farmacognosia, 2018, 28, 686-691. | 0.6 | 11 |
| 87 | Design, synthesis and pharmacological evaluation of CVIB, a codrug of carvacrol and ibuprofen as a novel anti-inflammatory agent. International Immunopharmacology, 2019, 76, 105856. | 1.7 | 11 |
| 88 | Secondary Metabolites with Antioxidant Activities for the Putative Treatment of Amyotrophic Lateral Sclerosis (ALS): â€œExperimental Evidencesâ€• Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-22. | 1.9 | 11 |
| 89 | Identification of Kaurane-Type Diterpenes as Inhibitors of Leishmania Pteridine Reductase I. Molecules, 2021, 26, 3076. | 1.7 | 11 |
| 90 | The Azoles in Pharmacochemistry: Perspectives on the Synthesis of New Compounds and Chemoinformatic Contributions. Current Pharmaceutical Design, 2020, 25, 4702-4716. | 0.9 | 11 |

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|---|---|---|---|
| 91 | Machine learning models to select potential inhibitors of acetylcholinesterase activity from SistematX: a natural products database. Molecular Diversity, 2021, 25, 1553-1568. | 2.1 | 10 |
| 92 | Virtual Screening of Alkaloids from Apocynaceae with Potential Antitrypanosomal Activity. Current Bioinformatics, 2015, 10, 509-519. | 0.7 | 10 |
| 93 | Molecular physicochemical parameters predicting antioxidant activity of Brazilian natural products. Revista Brasileira De Farmacognosia, 2009, 19, . | 0.6 | 9 |
| 94 | Docking and PLS Studies on a Set of Thiophenes RNA Polymerase Inhibitors Against Staphylococcus aureus. Current Topics in Medicinal Chemistry, 2013, 14, 64-80. | 1.0 | 9 |
| 95 | Lignans and Neolignans Anti-tuberculosis Identified by QSAR and Molecular Modeling. Combinatorial Chemistry and High Throughput Screening, 2020, 23, 504-516. | 0.6 | 9 |
| 96 | Pharmacophore Modeling, Synthesis, Scaffold Hopping and Biological Î²-Hematin Inhibition Interaction Studies for Anti-malaria Compounds. Current Topics in Medicinal Chemistry, 2020, 19, 2743-2765. | 1.0 | 9 |
| 97 | Computational Studies in Drug Design Against Cancer. Anti-Cancer Agents in Medicinal Chemistry, 2019, 19, 587-591. | 0.9 | 9 |
| 98 | Virtual Screening of Natural Products to Select Compounds with Potential Anticancer Activity. Anti-Cancer Agents in Medicinal Chemistry, 2019, 19, 154-171. | 0.9 | 9 |
| 99 | Computational and Investigative Study of Flavonoids Active againstTrypanosoma cruziandLeishmaniaspp. Natural Product Communications, 2015, 10, 1934578X1501000. | 0.2 | 8 |
| 100 | Artificial Neural Network Methods Applied to Drug Discovery for Neglected Diseases. Combinatorial Chemistry and High Throughput Screening, 2015, 18, 819-829. | 0.6 | 8 |
| 101 | Consensus Analyses in Molecular Docking Studies Applied to Medicinal Chemistry. Mini-Reviews in Medicinal Chemistry, 2020, 20, 1322-1340. | 1.1 | 8 |
| 102 | Computational Chemistry Study of Natural Alkaloids and Homemade Databank to Predict Inhibitory Potential Against Key Enzymes in Neurodegenerative Diseases. Current Topics in Medicinal Chemistry, 2017, 17, 2926-2934. | 1.0 | 8 |
| 103 | Sesquiterpene Lactones with Anti-Hepatitis C Virus Activity Using Molecular Descriptors. Letters in Drug Design and Discovery, 2012, 9, 881-890. | 0.4 | 8 |
| 104 | Editorial (Thematic Issue: Hybrid Compounds as Multitarget Agents in Medicinal Chemistry â€“ Part II). Current Topics in Medicinal Chemistry, 2017, 17, 957-958. | 1.0 | 7 |
| 105 | Computer-assisted discovery of compounds with insecticidal activity against Musca domestica and Mythimna separata. Food and Chemical Toxicology, 2021, 147, 111899. | 1.8 | 7 |
| 106 | Natural Bioactive Products with Antioxidant Properties Useful in Neurodegenerative Diseases 2020. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-2. | 1.9 | 7 |
| 107 | In Silico Studies of Lamiaceae Diterpenes with Bioinsecticide Potential against Aphis gossypii and Drosophila melanogaster. Molecules, 2021, 26, 766. | 1.7 | 7 |
| 108 | Exploring Secondary Metabolites Database of Apocynaceae, Menispermaceae, and Annonaceae to Select Potential Anti-HCV Compounds. Current Topics in Medicinal Chemistry, 2019, 19, 900-913. | 1.0 | 7 |

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| 109 | Computer-Assisted Discovery of Alkaloids with Schistosomicidal Activity. Current Issues in Molecular Biology, 2022, 44, 383-408. | 1.0 | 7 |
| 110 | In Silico Studies Applied to Natural Products with Potential Activity Against Alzheimerâ€™s Disease. Neuromethods, 2018, , 513-531. | 0.2 | 6 |
| 111 | Computer-Aided Drug Design Studies in Food Chemistry. , 2018, , 261-297. | | 6 |
| 112 | Predictive Computational Tools for Assessment of Ecotoxicological Activity of Organic Micropollutants in Various Water Sources in Brazil. Molecular Informatics, 2019, 38, e1800156. | 1.4 | 6 |
| 113 | Momordicacharantia: A New Strategic Vision to Improve the Therapy of Endoplasmic Reticulum Stress. Current Pharmaceutical Design, 2017, 23, 2333-2343. | 0.9 | 6 |
| 114 | Recent Advancement in Computer-Aided Drug Design. Current Pharmaceutical Design, 2020, 26, 1635-1636. | 0.9 | 6 |
| 115 | Metabolomics as a Functional Tool in Screening Gastro Intestinal Diseases: Where are we in High Throughput Screening?. Combinatorial Chemistry and High Throughput Screening, 2017, 20, 247-254. | 0.6 | 5 |
| 116 | Antiprotozoal investigation of 20 plant metabolites on Trypanosoma cruzi and Leishmania amazonensis amastigotes. Atalantoflavone alters the mitochondrial membrane potential. Parasitology, 2019, 146, 849-856. | 0.7 | 5 |
| 117 | Synthesis of New Cyclic Imides Derived From Safrole, Structure- and Ligand-based Approaches to Evaluate Potential New Multitarget Agents Against Species of Leishmania. Medicinal Chemistry, 2020, 16, 39-51. | 0.7 | 5 |
| 118 | Discovery of Alternative Chemotherapy Options for Leishmaniasis through Computational Studies of Asteraceae. ChemMedChem, 2021, 16, 1234-1245. | 1.6 | 5 |
| 119 | A new labdane diterpene from the aerial segments of Leptohyptis macrostachys (L'HÃ©rit.) Harley & J.F.B. Pastore. Phytochemistry Letters, 2021, 43, 117-122. | 0.6 | 5 |
| 120 | Identification of Essential 2D and 3D Chemical Features for Discovery of the Novel Tubulin Polymerization Inhibitors. Current Topics in Medicinal Chemistry, 2019, 19, 1092-1120. | 1.0 | 5 |
| 121 | Hybrid Compounds in the Search for Alternative Chemotherapeutic Agents against Neglected Tropical Diseases. Letters in Organic Chemistry, 2019, 16, 81-92. | 0.2 | 5 |
| 122 | Limonene, a citrus monoterpene, non-complexed and complexed with hydroxypropyl-Î²-cyclodextrin attenuates acute and chronic orofacial nociception in rodents: Evidence for involvement of the PKA and PKC pathway. Phytomedicine, 2022, 96, 153893. | 2.3 | 5 |
| 123 | Automatic identification of terpenoid skeletons by feed-forward neural networks. Analytica Chimica Acta, 2006, 579, 217-226. | 2.6 | 4 |
| 124 | In Silico Methods Applied in Food Chemistry: A Short Review with Bitter and Mutagenic Compounds. Letters in Drug Design and Discovery, 2012, 9, 527-534. | 0.4 | 4 |
| 125 | Theoretical Research into Anticancer Activity of Diterpenes Isolated from the Paraiban Flora. Natural Product Communications, 2014, 9, 1934578X1400900. | 0.2 | 4 |
| 126 | Perspectives in Medicinal Chemistry. Current Topics in Medicinal Chemistry, 2016, 16, 2725-2726. | 1.0 | 4 |

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|---|---|---|---|
| 127 | Editorial: Research and Selection of Multitarget Compounds in Medicinal Chemistry. Current Medicinal Chemistry, 2017, 24, 1627-1628. | 1.2 | 4 |
| 128 | China Coronavirus Outbreak: All the Latest Updates. Current Topics in Medicinal Chemistry, 2020, 20, 601-602. | 1.0 | 4 |
| 129 | Natural Products as Potential Agents against SARS-CoV and SARSCoV- 2. Current Medicinal Chemistry, 2021, 28, 5498-5526. | 1.2 | 4 |
| 130 | Secondary Metabolites from Cissampelos, A Possible Source for New Leads with Anti-Inflammatory Activity. Current Medicinal Chemistry, 2017, 24, 1629-1644. | 1.2 | 4 |
| 131 | Recent Theoretical Studies Concerning Important Tropical Infections. Current Medicinal Chemistry, 2020, 27, 795-834. | 1.2 | 4 |
| 132 | Annonaceae Family Alkaloids as Agents Against Leishmaniasis: A Review and Molecular Docking Evaluation. Current Drug Metabolism, 2020, 21, 482-492. | 0.7 | 4 |
| 133 | Computer-Assisted Design of Thiophene-Indole Hybrids as Leishmanial Agents. Current Topics in Medicinal Chemistry, 2020, 20, 1704-1719. | 1.0 | 4 |
| 134 | Drug Discovery Paradigms: Target-Based Drug Discovery. , 2022, , 1-24. | | 4 |
| 135 | Chemotaxonomy of three genera of the annonaceae family using self-organizing maps and 13C NMR data of diterpenes. Quimica Nova, 2012, 35, 2146-2152. | 0.3 | 3 |
| 136 | Quantitative Structureâ€“Sorption Relationships of Pesticides Used in the Sugarcane Industry in the Northern Coastal Area of ParaÃba State, Brazil. ATLA Alternatives To Laboratory Animals, 2014, 42, 81-90. | 0.7 | 3 |
| 137 | Editorial (Thematic Issue: Chemometrics in Drug Discovery). Combinatorial Chemistry and High Throughput Screening, 2015, 18, 702-703. | 0.6 | 3 |
| 138 | 4. Drug design applied to natural products against neglected diseases. , 2016, , 53-86. | | 3 |
| 139 | Theoretical Study of Phosphoethanolamine: A Synthetic Anticancer Agent with Broad Antitumor Activity. Journal of Chemistry, 2016, 2016, 1-8. | 0.9 | 3 |
| 140 | Flavonoids From Asteraceae asÂMultitarget Source ofÂCompounds Against Protozoal Diseases. , 2017, , 149-190. | | 3 |
| 141 | Editorial: In Silico Studies in Drug Research Against Neurodegenerative Diseases. Current Neuropharmacology, 2018, 16, 647-648. | 1.4 | 3 |
| 142 | Toxicological evaluation in silico and in vivo of secondary metabolites of Cissampelos sympodialis in Mus musculus mice following inhalation. Natural Product Research, 2019, 33, 789-795. | 1.0 | 3 |
| 143 | Isoeugenol and Hybrid Acetamides against Candida albicans Isolated from the Oral Cavity. Pharmaceuticals, 2020, 13, 291. | 1.7 | 3 |
| 144 | In Silico Study Examining New Phenylpropanoids Targets with Antidepressant Activity. Current Drug Targets, 2021, 22, 539-554. | 1.0 | 3 |

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| 145 | Chemical safety assessment of transformation products of landfill leachate formed during the Fenton process. Journal of Hazardous Materials, 2021, 419, 126438. | 6.5 | 3 |
| 146 | Computer-aided prediction of 125Te and 13C NMR chemical shifts of diorgano tellurides. Journal of the Brazilian Chemical Society, 2007, 18, 1183-1188. | 0.6 | 3 |
| 147 | Orofacial antinociceptive activity and anchorage molecular mechanism in silico of geraniol. Brazilian Oral Research, 2020, 34, e094. | 0.6 | 3 |
| 148 | Natural Products Against COVID-19 Inflammation: A Mini-Review. Combinatorial Chemistry and High Throughput Screening, 2022, 25, 2358-2369. | 0.6 | 3 |
| 149 | Antifungal activity of 2-chloro-N-phenylacetamide, docking and molecular dynamics studies against clinical isolates of Candida tropicalis and Candida parapsilosis. Journal of Applied Microbiology, 2022, 132, 3601-3617. | 1.4 | 3 |
| 150 | Four diterpenes identified in silico were isolated from Hyptidinae and demonstrated in vitro activity against Mycobacterium tuberculosis. Natural Product Research, 2023, 37, 903-911. | 1.0 | 3 |
| 151 | Volsurf Descriptors to Analyse Anti-HCV and Cytotoxic Activities of Sesquiterpene Lactones from Asteraceae Family. Letters in Drug Design and Discovery, 2011, 8, 44-58. | 0.4 | 2 |
| 152 | Prediction of Anticancer Activity of Diterpenes Isolated from the Paraiban Flora through a PLS Model and Molecular Surfaces. Natural Product Communications, 2014, 9, 1934578X1400900. | 0.2 | 2 |
| 153 | Flavonoids as Multi-Target Compounds in Drug Discovery. Mini-Reviews in Organic Chemistry, 2017, 14, . | 0.6 | 2 |
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