# JosÃ© M PadrÃ³n

List of Publications by Year
in descending order

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| 176 | 3,296 | 147566 | 243296 |
|---|---|---|---|
| papers | citations | 31 | 44 |
| | | h-index | g-index |

| 199 | 199 | 199 | 4310 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Enantiospecific synthesis of Î±-amino acid semialdehydes: a key step for the synthesis of unnatural unsaturated and saturated Î±-amino acids. Tetrahedron: Asymmetry, 1998, 9, 3381-3394. | 1.8 | 88 |
| 2 | A General Approach to the Asymmetric Synthesis of Unsaturated Lipidic Î±-Amino Acids. The First Synthesis of Î±-Aminoarachidonic Acid. Journal of Organic Chemistry, 1998, 63, 3741-3744. | 1.7 | 81 |
| 3 | The multilayered postconfluent cell culture as a model for drug screening. Critical Reviews in Oncology/Hematology, 2000, 36, 141-157. | 2.0 | 75 |
| 4 | Prins-Type Synthesis and SAR Study of Cytotoxic Alkyl Chloro Dihydropyrans. ChemMedChem, 2006, 1, 323-329. | 1.6 | 69 |
| 5 | Antiproliferative activity of synthetic naphthoquinones related to lapachol. First synthesis of 5-hydroxylapachol. Bioorganic and Medicinal Chemistry, 2010, 18, 2621-2630. | 1.4 | 69 |
| 6 | Enantioselective Transport by a Steroidal Guanidinium Receptor. Chemistry - A European Journal, 2002, 8, 2931. | 1.7 | 64 |
| 7 | Stereocontrolled Synthesis of Cyclic Ethers by Intramolecular Hetero-Michael Addition. 5. Synthesis of All Diastereoisomers of 2,3,5,6-Tetrasubstituted Tetrahydropyrans. Journal of Organic Chemistry, 1997, 62, 4570-4583. | 1.7 | 62 |
| 8 | Novel clioquinol and its analogous platinum complexes: importance, role of the halogen substitution and the hydroxyl group of the ligand. Dalton Transactions, 2013, 42, 13343. | 1.6 | 62 |
| 9 | Repurposing old drugs to fight multidrug resistant cancers. Drug Resistance Updates, 2020, 52, 100713. | 6.5 | 60 |
| 10 | Folate depletion increases sensitivity of solid tumor cell lines to 5-fluorouracil and antifolates. International Journal of Cancer, 2000, 87, 771-778. | 2.3 | 59 |
| 11 | Abietane Diterpenoids fromSalvia pachyphyllaandS. clevelandiiwith Cytotoxic Activity against Human Cancer Cell Lines. Journal of Natural Products, 2006, 69, 1803-1805. | 1.5 | 59 |
| 12 | Catalytically Generated Ferrocene-Containing Guanidines as Efficient Precursors for New Redox-Active Heterometallic Platinum(II) Complexes with Anticancer Activity. Organometallics, 2015, 34, 5407-5417. | 1.1 | 57 |
| 13 | New tacrine dimers with antioxidant linkers as dual drugs: Anti-Alzheimer's and antiproliferative agents. European Journal of Medicinal Chemistry, 2017, 138, 761-773. | 2.6 | 57 |
| 14 | Hydroxyl alkyl ammonium ionic liquid assisted green and one-pot regioselective access to functionalized pyrazolodihydropyridine core and their pharmacological evaluation. Bioorganic Chemistry, 2019, 86, 137-150. | 2.0 | 56 |
| 15 | Antiproliferative Activity of Withanolides against Human Breast Cancer Cell Lines. Journal of Natural Products, 2010, 73, 966-968. | 1.5 | 51 |
| 16 | Antiproliferative activity of novel benzo[b][1,6]naphthyridines in human solid tumor cell lines. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 1504-1506. | 1.0 | 48 |
| 17 | Heterometallic platinum(<scp>ii</scp>) compounds with Î²-aminoethylferrocenes: synthesis, electrochemical behaviour and anticancer activity. Dalton Transactions, 2012, 41, 432-441. | 1.6 | 45 |
| 18 | Stereocontrolled Synthesis of Cyclic Ethers by Intramolecular Hetero-Michael Addition. 6. A Computational Study of the Annelation to 2,3-Disubstituted Tetrahydropyrans. Journal of Organic Chemistry, 1997, 62, 4584-4590. | 1.7 | 44 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Novel antiproliferative analogs of the Taq DNA polymerase inhibitor catalpol. Bioorganic and Medicinal Chemistry Letters, 2007, 17, 1332-1335. | 1.0 | 44 |
| 20 | New selenosteroids as antiproliferative agents. Organic and Biomolecular Chemistry, 2017, 15, 5041-5054. | 1.5 | 42 |
| 21 | Reactivity and Biological Properties of a Series of Cytotoxic PtI<sub>2</sub>(amine)<sub>2</sub> Complexes, Either cis or trans Configured. Inorganic Chemistry, 2012, 51, 1717-1726. | 1.9 | 38 |
| 22 | Influence of the configurational pattern of sp2-iminosugar pseudo N-, S-, O- and C-glycosides on their glycoside inhibitory and antitumor properties. Carbohydrate Research, 2016, 429, 113-122. | 1.1 | 38 |
| 23 | Antiâ€Proliferative 1,4â€Dihydropyridine and Pyridine Derivatives Synthesized through a Catalystâ€Free, Oneâ€Pot Multiâ€Component Reaction. ChemistrySelect, 2018, 3, 12163-12168. | 0.7 | 38 |
| 24 | The tert-butyl dimethyl silyl group as an enhancer of drug cytotoxicity against human tumor cells. Bioorganic and Medicinal Chemistry Letters, 2005, 15, 3536-3539. | 1.0 | 35 |
| 25 | Molecular Simplification in Bioactive Molecules:Â Formal Synthesis of (+)-Muconin. Journal of Organic Chemistry, 2006, 71, 2339-2345. | 1.7 | 34 |
| 26 | Î²-Lapachone analogs with enhanced antiproliferative activity. European Journal of Medicinal Chemistry, 2012, 53, 264-274. | 2.6 | 34 |
| 27 | Selenazolyl-hydrazones as Novel Selective MAO Inhibitors With Antiproliferative and Antioxidant Activities: Experimental and In-silico Studies. Frontiers in Chemistry, 2018, 6, 247. | 1.8 | 34 |
| 28 | Belizeanolide, a Cytotoxic Macrolide from the Dinoflagellate Prorocentrum belizeanum. Angewandte Chemie - International Edition, 2009, 48, 796-799. | 7.2 | 33 |
| 29 | Efficient synthesis of some new antiproliferative N-fused indoles and isoquinolines via 1,3-dipolar cycloaddition reaction in an ionic liquid. New Journal of Chemistry, 2015, 39, 2657-2668. | 1.4 | 33 |
| 30 | Cytotoxic Profile and Peculiar Reactivity with Biomolecules of a Novel â€œRule-Breakerâ€• Iodidoplatinum(II) Complex. ACS Medicinal Chemistry Letters, 2010, 1, 381-385. | 1.3 | 32 |
| 31 | Synthesis of monomeric and dimeric steroids containing [1,2,4]triazolo[1,5-a]pyrimidines. Steroids, 2016, 116, 13-19. | 0.8 | 32 |
| 32 | A novel substrate directed multicomponent reaction for the syntheses of tetrahydro-spiro[pyrazolo[4,3-f]quinoline]-8,5â€²-pyrimidines and tetrahydro-pyrazolo[4,3-f]pyrimido[4,5-b]quinolines via selective multiple Câ€“C bond formation under metal-free conditions. RSC Advances, 2020, 10, 19600-19609. | 1.7 | 32 |
| 33 | Sphingolipids in Anticancer Therapy. Current Medicinal Chemistry, 2006, 13, 755-770. | 1.2 | 31 |
| 34 | Antiproliferative activity in HL60 cells by tetrasubstituted pyrroles: a structureâ€“activity relationship study. Bioorganic and Medicinal Chemistry Letters, 2005, 15, 2487-2490. | 1.0 | 30 |
| 35 | Antiproliferative activity of 2-alkyl-4-halopiperidines and 2-alkyl-4-halo-1,2,5,6-tetrahydropyridines in solid tumor cell lines. Bioorganic and Medicinal Chemistry Letters, 2007, 17, 2681-2684. | 1.0 | 29 |
| 36 | Antiproliferative and Structure Activity Relationships of Amaryllidaceae Alkaloids. Molecules, 2015, 20, 13854-13863. | 1.7 | 28 |

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|---|---|---|---|
| 37 | A general approach to the enantiomeric synthesis of lipidic Î±-amino acids, peptides and vicinal amino alcohols. Tetrahedron: Asymmetry, 1996, 7, 857-866. | 1.8 | 27 |
| 38 | Antileishmanial activity of sp<sup>2</sup>-iminosugar derivatives. RSC Advances, 2015, 5, 21812-21822. | 1.7 | 27 |
| 39 | Selenoureido-iminosugars: A new family of multitarget drugs. European Journal of Medicinal Chemistry, 2016, 123, 155-160. | 2.6 | 27 |
| 40 | Synthesis and Antiproliferative Activity of [RuCp(PPh<sub>3</sub>)<sub>2</sub>(HdmoPTA)](OSO<sub>2</sub>CF<sub>3</sub>)<sub>2</sub> (HdmoPTA = 3,7-H-3,7-Dimethyl-1,3,7-triaza-5-phosphabicyclo[3.3.1]nonane). Inorganic Chemistry, 2016, 55, 7820-7822. | 1.9 | 27 |
| 41 | Antiproliferative terpenoids and alkaloids from the roots of Maytenus vitis-idaea and Maytenus spinosa. Phytochemistry, 2010, 71, 1741-1748. | 1.4 | 26 |
| 42 | Antiproliferative activity of dmoPTAâ€“Ru(II) complexes against human solid tumor cells. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 4568-4571. | 1.0 | 26 |
| 43 | Synthesis and antiproliferative activity of the heterobimetallic complexes [RuClCp(PPh3)-Î¼-dmoPTA-1Î¹P:2Î²2N,Nâ€²-MCl2] (M = Co, Ni, Zn; dmoPTA =) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 497 Td | 2.6 | 26 |
| 44 | Direct Stereoselective Synthesis of Enantiomerically Pure anti-Î²-Amino Alcohols. Journal of Organic Chemistry, 2014, 79, 6775-6782. | 1.7 | 26 |
| 45 | Phenolic thio- and selenosemicarbazones as multi-target drugs. European Journal of Medicinal Chemistry, 2015, 94, 63-72. | 2.6 | 26 |
| 46 | Synthesis, in vitro cytotoxicity and in vivo anti-inflammatory activity of long chain 3-amino-1,2-diols. Bioorganic and Medicinal Chemistry Letters, 1999, 9, 821-826. | 1.0 | 25 |
| 47 | Synthesis andÂantiproliferative activity ofÂnovel sugiol Î²-amino alcohol analogs. European Journal of Medicinal Chemistry, 2006, 41, 1327-1332. | 2.6 | 25 |
| 48 | Cytotoxicity of sphingoid marine compound analogs in mono- and multilayered solid tumor cell cultures. Investigational New Drugs, 2006, 24, 195-202. | 1.2 | 24 |
| 49 | Novel N-sulfonamide trans-platinum complexes: synthesis, reactivity and in vitro evaluation. MedChemComm, 2011, 2, 789. | 3.5 | 23 |
| 50 | ent-Labdane Diterpenoids from the Aerial Parts of Eupatorium obtusissmum. Journal of Natural Products, 2016, 79, 907-913. | 1.5 | 23 |
| 51 | QSAR on antiproliferative naphthoquinones based on a conformation-independent approach. European Journal of Medicinal Chemistry, 2014, 77, 176-184. | 2.6 | 22 |
| 52 | Dienamine and Friedelâ€“Crafts Oneâ€Pot Synthesis, and Antitumor Evaluation of Diheteroarylalkanals. Chemistry - A European Journal, 2015, 21, 8237-8241. | 1.7 | 22 |
| 53 | Selenocoumarins as new multitarget antiproliferative agents: Synthesis, biological evaluation and in silico calculations. European Journal of Medicinal Chemistry, 2019, 179, 493-501. | 2.6 | 22 |
| 54 | Î²â€²â€Hydroxyâ€Î±,Î²â€unsaturated ketones: A new pharmacophore for the design of anticancer drugs. Part 2.. ChemMedChem, 2008, 3, 1740-1747. | 1.6 | 21 |

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|---|---|---|---|
| 55 | Anti-Inflammatory Activity of a Novel Family of Aryl Ureas Compounds in an Endotoxin-Induced Airway Epithelial Cell Injury Model. PLoS ONE, 2012, 7, e48468. | 1.1 | 21 |
| 56 | Novel synthesis of steroidal oximes and lactams and their biological evaluation as antiproliferative agents. Steroids, 2017, 122, 24-33. | 0.8 | 21 |
| 57 | Tacrine-O-protected phenolics heterodimers as multitarget-directed ligands against Alzheimer's disease: Selective subnanomolar BuChE inhibitors. European Journal of Medicinal Chemistry, 2019, 181, 111550. | 2.6 | 21 |
| 58 | Enhancement of antiproliferative activity by molecular simplification of catalpol. Bioorganic and Medicinal Chemistry, 2010, 18, 2515-2523. | 1.4 | 20 |
| 59 | Derivatives of grindelic acid: From a non-active natural diterpene toÂsynthetic antitumor derivatives. European Journal of Medicinal Chemistry, 2013, 67, 28-38. | 2.6 | 20 |
| 60 | Enhancement of the antiproliferative activity of [RuCp(PPh<sub>3</sub>)<sub>2</sub>(dmoPTA-1Î²P)]<sup>+</sup>via its coordination to one {CoCl<sub>2</sub>} unit: synthesis, crystal structure and properties of [RuCp(PPh<sub>3</sub>)<sub>2</sub>-Î¼-dmoPTA-1Î²P:2Î²<sup>2</sup>N,Nâ€²-CoCl<sub>2</sub>](OTf)Â·0.25H<sub>2</sub>O. Dalton Transactions, 2017, 46, 8009-8012. | 1.6 | 20 |
| 61 | Synthesis of unprecedented steroidal spiro heterocycles as potential antiproliferative drugs. European Journal of Medicinal Chemistry, 2018, 143, 21-32. | 2.6 | 19 |
| 62 | Synthesis of Novel 1,2,3-Triazole-Dihydropyrimidinone Hybrids Using Multicomponent 1,3-Dipolar Cycloaddition (Click)â€“Biginelli Reactions: Anticancer Activity. Synlett, 2020, 31, 615-621. | 1.0 | 19 |
| 63 | Synthesis and in vitro study of antiproliferative benzyloxy dihydropyrimidinones. Archiv Der Pharmazie, 2021, 354, e2000466. | 2.1 | 19 |
| 64 | Detection of an alternatively spliced form of deoxycytidine kinase mRNA in the 2â€²-2â€²-difluorodeoxycytidine (gemcitabine)-resistant human ovarian cancer cell line AG6000. Biochemical Pharmacology, 2004, 68, 601-609. | 2.0 | 18 |
| 65 | Mitotic Arrest Induced by a Novel Family of DNA Topoisomerase II Inhibitors. Journal of Medicinal Chemistry, 2010, 53, 3835-3839. | 2.9 | 18 |
| 66 | Synthesis and identification of unprecedented selective inhibitors of CK1Îµ. European Journal of Medicinal Chemistry, 2015, 96, 308-317. | 2.6 | 18 |
| 67 | Synthesis of polyfluoroalkyl sp2-iminosugar glycolipids and evaluation of their immunomodulatory properties towards anti-tumor, anti-leishmanial and anti-inflammatory therapies. European Journal of Medicinal Chemistry, 2019, 182, 111604. | 2.6 | 18 |
| 68 | Synthesis and Biological Studies of (+)-Liquiditerpenoic Acid A (Abietopinoic Acid) and Representative Analogues: SAR Studies. Journal of Natural Products, 2019, 82, 823-831. | 1.5 | 18 |
| 69 | Structural, antioxidant, antiproliferative and inâ€’silico study of pyridine-based hydrazonylâ€’selenazoles and their sulphur isosteres. Journal of Molecular Structure, 2021, 1240, 130512. | 1.8 | 18 |
| 70 | Highly Selective Hydroformylation of the Cinchona Alkaloids. Journal of Organic Chemistry, 2002, 67, 5022-5024. | 1.7 | 17 |
| 71 | Synthesis and antiproliferative activity of 2,4-disubstituted 6-aryl-7H-pyrrolo[3,2-d]pyrimidin-7-one 5-oxides. Bioorganic and Medicinal Chemistry, 2009, 17, 4955-4960. | 1.4 | 17 |
| 72 | Expanding the synthesis of new trans-sulfonamide platinum complexes: Cytotoxicity, SAR, fluorescent cell assays and stability studies. Journal of Inorganic Biochemistry, 2013, 127, 128-140. | 1.5 | 17 |

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|---|---|---|---|
| 73 | Synthesis and antiproliferative activity of (2R,3R)-disubstituted tetrahydropyrans. Bioorganic and Medicinal Chemistry Letters, 2006, 16, 6135-6138. | 1.0 | 16 |
| 74 | Synthesis and antiproliferative activity of Î±-branched Î±,Î²-unsaturated ketones. European Journal of Medicinal Chemistry, 2013, 70, 568-578. | 2.6 | 16 |
| 75 | Synthesis and biological evaluation of crown ether acyl derivatives. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 5591-5593. | 1.0 | 16 |
| 76 | DTA0100, dual topoisomerase II and microtubule inhibitor, evades paclitaxel resistance in P-glycoprotein overexpressing cancer cells. European Journal of Pharmaceutical Sciences, 2017, 105, 159-168. | 1.9 | 16 |
| 77 | Effect of electronic and steric properties of 8-substituted quinolines in gold(III) complexes: Synthesis, electrochemistry, stability, interactions and antiproliferative studies. Journal of Inorganic Biochemistry, 2017, 174, 111-118. | 1.5 | 16 |
| 78 | Oxa/thiazole-tetrahydropyran triazole-linked hybrids with selective antiproliferative activity against human tumour cells. New Journal of Chemistry, 2018, 42, 13784-13789. | 1.4 | 16 |
| 79 | Synthesis and antiproliferative activity of new 2-glyco-3-nitro-2H-chromenes. Bioorganic Chemistry, 2019, 87, 112-116. | 2.0 | 16 |
| 80 | Antiproliferative Activity and Cytotoxicity of Some Medicinal Wood-Destroying Mushrooms from Russia. International Journal of Medicinal Mushrooms, 2018, 20, 1-11. | 0.9 | 16 |
| 81 | Antiproliferative activity of 4-chloro-5,6-dihydro-2H-pyrans. Part 2: Enhancement of drug cytotoxicity. Bioorganic and Medicinal Chemistry Letters, 2007, 17, 3087-3090. | 1.0 | 15 |
| 82 | A green multicomponent synthesis of tocopherol analogues with antiproliferative activities. European Journal of Medicinal Chemistry, 2018, 143, 1888-1902. | 2.6 | 15 |
| 83 | Quinoxaline: A comprehension of current pharmacological advancement in medicinal chemistry. European Journal of Medicinal Chemistry Reports, 2022, 5, 100040. | 0.6 | 15 |
| 84 | Î²â€²-Hydroxy-Î±,Î²-unsaturated ketones: A new pharmacophore for the design of anticancer drugs. Bioorganic and Medicinal Chemistry Letters, 2006, 16, 2266-2269. | 1.0 | 14 |
| 85 | Tessaric acid derivatives induce G2/M cell cycle arrest in human solid tumor cell lines. Bioorganic and Medicinal Chemistry, 2009, 17, 6251-6256. | 1.4 | 14 |
| 86 | Synthesis and Bioactivity of Luffarin I. Marine Drugs, 2015, 13, 2407-2423. | 2.2 | 14 |
| 87 | One-pot synthesis and SAR study of cis-2,6-dialkyl-4-chloro-tetrahydropyrans. Bioorganic and Medicinal Chemistry Letters, 2006, 16, 3135-3138. | 1.0 | 13 |
| 88 | Acanthamoeba castellanii : A new high-throughput method for drug screening in vitro. Acta Tropica, 2016, 164, 95-99. | 0.9 | 13 |
| 89 | Inhibition of endotoxin-induced airway epithelial cell injury by a novel family of pyrrol derivates. Laboratory Investigation, 2016, 96, 632-640. | 1.7 | 13 |
| 90 | Phytochemical Study of Senecio volckmannii Assisted by CASE-3D with Residual Dipolar Couplings and Isotropic <sup>1</sup>H/<sup>13</sup>C NMR Chemical Shifts. Journal of Natural Products, 2018, 81, 2329-2337. | 1.5 | 13 |

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| 91 | New pyrazolyl-dibenzo[b,e][1,4]diazepinones: room temperature one-pot synthesis and biological evaluation. Molecular Diversity, 2020, 24, 355-377. | 2.1 | 13 |
| 92 | <p>MicroRNAs Targeting MYC Expression: Trace of Hope for Pancreatic Cancer Therapy. A Systematic Review</p>. Cancer Management and Research, 2020, Volume 12, 2393-2404. | 0.9 | 13 |
| 93 | Enhancement of Drug Cytotoxicity by Silicon Containing Groups. Letters in Drug Design and Discovery, 2006, 3, 29-34. | 0.4 | 12 |
| 94 | Antiproliferative activity of withanolide derivatives from Jaborosa cabrerae and Jaborosa reflexa. Chemotaxonomic considerations. Phytochemistry, 2012, 76, 150-157. | 1.4 | 12 |
| 95 | Oxazole/Thiazole and Triazole Hybrids Based on Î±-Amino Acids. Synthesis, 2014, 46, 2451-2462. | 1.2 | 12 |
| 96 | One Step Up in Antiproliferative Activity: The Ru-Zn Complex [RuCp(PPh3 )2 -Âµ-dmoPTA-1Î²P :2Î²2 N ,Nâ€² -ZnCl2 ](CF3 SO3 ). European Journal of Inorganic Chemistry, 2018, 2018, 4684-4688. | 1.0 | 12 |
| 97 | Synthesis and antiproliferative activity of (2R,3R)-disubstituted tetrahydropyrans. Part 2: Effect of side chain homologation. Bioorganic and Medicinal Chemistry Letters, 2007, 17, 780-783. | 1.0 | 11 |
| 98 | Synthesis and biological activity of polyalthenol and pentacyclindole analogues. European Journal of Medicinal Chemistry, 2014, 73, 265-279. | 2.6 | 11 |
| 99 | Biomimetic Synthesis of Two Salmahyrtisanes: Salmahyrtisol A and Hippospongide A. Journal of Organic Chemistry, 2015, 80, 4566-4572. | 1.7 | 11 |
| 100 | Synthesis and in vitro antiproliferative activities of (5-aryl-1,2,4-oxadiazole-3-yl) methyl d-ribofuranosides. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 3674-3677. | 1.0 | 11 |
| 101 | 2-Aminobenzoxazole-appended coumarins as potent and selective inhibitors of tumour-associated carbonic anhydrases. Journal of Enzyme Inhibition and Medicinal Chemistry, 2022, 37, 168-177. | 2.5 | 11 |
| 102 | Synthesis of Luffarin L and 16-epi-Luffarin L Using a Temporary Silicon-Tethered Ring-Closing Metathesis Reaction. Journal of Organic Chemistry, 2015, 80, 6447-6455. | 1.7 | 10 |
| 103 | Synthesis and antiproliferative activity of glutamic acid-based dipeptides. Amino Acids, 2015, 47, 1527-1532. | 1.2 | 9 |
| 104 | Synthesis and antiproliferative activity of sulfa-Michael adducts and thiochromenes derived from carbohydrates. New Journal of Chemistry, 2017, 41, 3154-3162. | 1.4 | 9 |
| 105 | Chalcogen-containing phenolics as antiproliferative agents. Future Medicinal Chemistry, 2018, 10, 319-334. | 1.1 | 9 |
| 106 | Biological Activities of Extracts from Aerial Parts of Salvia pachyphylla Epling Ex Munz. Plants, 2018, 7, 105. | 1.6 | 9 |
| 107 | Thiol-ene "Click" Synthesis and Pharmacological Evaluation of C-Glycoside sp2-Iminosugar Glycolipids. Molecules, 2019, 24, 2882. | 1.7 | 9 |
| 108 | Preparation of Sesquiterpene Lactone Derivatives: Cytotoxic Activity and Selectivity of Action. Molecules, 2019, 24, 1113. | 1.7 | 9 |

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| 109 | One-pot multicomponent green Hantzsch synthesis of 1,2-dihydropyridine derivatives with antiproliferative activity. Beilstein Journal of Organic Chemistry, 2020, 16, 2862-2869. | 1.3 | 9 |
| 110 | Masked Phenolic-Selenium Conjugates: Potent and Selective Antiproliferative Agents Overcoming P-gp Resistance. Pharmaceuticals, 2020, 13, 358. | 1.7 | 9 |
| 111 | In Vitro and In Silico Screening of 2,4,5-Trisubstituted Imidazole Derivatives as Potential Xanthine Oxidase and Acetylcholinesterase Inhibitors, Antioxidant, and Antiproliferative Agents. Applied Sciences (Switzerland), 2020, 10, 2889. | 1.3 | 9 |
| 112 | Squaramide-Tethered Sulfonamides and Coumarins: Synthesis, Inhibition of Tumor-Associated CAs IX and XII and Docking Simulations. International Journal of Molecular Sciences, 2022, 23, 7685. | 1.8 | 9 |
| 113 | A Short and Efficient Enantiomeric Synthesis of Antitumor Fused Tetrahydrofurans. European Journal of Organic Chemistry, 2006, 2006, 1910-1916. | 1.2 | 8 |
| 114 | Samarium(II) promoted stereoselective synthesis of antiproliferative cis-Î²-alkoxy-Î³-alkyl-Î³-lactones. Bioorganic and Medicinal Chemistry Letters, 2007, 17, 18-21. | 1.0 | 8 |
| 115 | Cytotoxic effects of C-glycosides in HOS and HeLa cell lines. Bioorganic and Medicinal Chemistry Letters, 2007, 17, 3676-3681. | 1.0 | 8 |
| 116 | Î³-Lactones Î±,Î²- and Î²,Î³-fused to carbocycles as novel antiproliferative drugs. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 5171-5173. | 1.0 | 8 |
| 117 | Synthesis and Biological Evaluation of 1â€Deoxyâ€5â€hydroxysphingosine Derivatives. European Journal of Organic Chemistry, 2011, 2011, 960-967. | 1.2 | 8 |
| 118 | New strategy toward the diverted synthesis of oxidized abietane diterpenes via oxidation of 6,7-dehydroferruginol methyl ether with dimethyldioxirane. Tetrahedron Letters, 2013, 54, 4479-4482. | 0.7 | 8 |
| 119 | Antiproliferative effect of extract from endophytic fungusCurvularia trifoliiisolated from the â€œVeracruz Reef Systemâ€•in Mexico. Pharmaceutical Biology, 2016, 54, 1392-1397. | 1.3 | 8 |
| 120 | A Focused Library of NOâ€Donor Compounds with Potent Antiproliferative Activity Based on Green Multicomponent Reactions. ChemMedChem, 2019, 14, 1669-1683. | 1.6 | 8 |
| 121 | Antioxidant, antiproliferative, and acetylcholinesterase inhibition activity of amino alcohol derivatives from 1,4-naphthoquinone. Medicinal Chemistry Research, 2020, 29, 1986-1999. | 1.1 | 8 |
| 122 | Tuning the activity of iminosugars: novel N-alkylated deoxynojirimycin derivatives as strong BuChE inhibitors. Journal of Enzyme Inhibition and Medicinal Chemistry, 2021, 36, 138-146. | 2.5 | 8 |
| 123 | Iridium- and Palladium-Based Catalysts in the Pharmaceutical Industry. Catalysts, 2022, 12, 164. | 1.6 | 8 |
| 124 | Study of the anticancer potential of Cd complexes of selenazoyl-hydrazones and their sulfur isosters. European Journal of Medicinal Chemistry, 2022, 238, 114449. | 2.6 | 8 |
| 125 | Selective cell kill of the combination of gemcitabine and cisplatin in multilayered postconfluent tumor cell cultures. Anti-Cancer Drugs, 1999, 10, 445-452. | 0.7 | 7 |
| 126 | A catalyst- and solvent-free multicomponent synthesis and docking study of some new antiproliferative N<sub>5</sub>-allyl-quinolylpyrido[2,3-b][1,4]benzodiazepinone precursors. New Journal of Chemistry, 2016, 40, 4931-4939. | 1.4 | 7 |

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|---|---|---|---|
| 127 | Total synthesis of (+)-herboxidiene/GEX 1A. Organic and Biomolecular Chemistry, 2017, 15, 1842-1862. | 1.5 | 7 |
| 128 | Efficient synthesis and biological evaluation of new benzopyran-annulated pyrano[2,3-c]pyrazole derivatives. Molecular Diversity, 2017, 21, 339-354. | 2.1 | 7 |
| 129 | Synthesis and Evaluation of Pyrimidine Steroids as Antiproliferative Agents. Molecules, 2019, 24, 3676. | 1.7 | 7 |
| 130 | Biological Profiling of Semisynthetic C19-Functionalized Ferruginol and Sugiol Analogues. Antibiotics, 2021, 10, 184. | 1.5 | 7 |
| 131 | Zn(<scp>ii</scp>) complexes with thiazolylâ€“hydrazones: structure, intermolecular interactions, photophysical properties, computational study and anticancer activity. CrystEngComm, 2022, 24, 5194-5214. | 1.3 | 7 |
| 132 | A modular approach to trim cellular targets in anticancer drug discovery. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 6641-6645. | 1.0 | 6 |
| 133 | Selective Antiproliferative Withanolides from Species in the Genera Eriolarynx and Deprea. Journal of Natural Products, 2019, 82, 1338-1344. | 1.5 | 6 |
| 134 | Design, Synthesis, and inâ€…vitro Evaluation of Tubulinâ€Targeting Dibenzothiazines with Antiproliferative Activity as a Novel Heterocycle Building Block. ChemMedChem, 2021, 16, 3003-3016. | 1.6 | 6 |
| 135 | UHPLC-MS Chemical Fingerprinting and Antioxidant, Antiproliferative, and Enzyme Inhibition Potential of Gaultheria pumila Berries. Metabolites, 2021, 11, 523. | 1.3 | 6 |
| 136 | Ugi Adducts of Isatin as Promising Antiproliferative Agents with Druglike Properties. Asian Journal of Organic Chemistry, 2021, 10, 3434-3455. | 1.3 | 6 |
| 137 | Antiproliferative and quinone reductase-inducing activities of withanolides derivatives. European Journal of Medicinal Chemistry, 2014, 82, 68-81. | 2.6 | 5 |
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