# JosÃ© Manuel CalderÃ³n MontaÃ±o

List of Publications by Year
in descending order



| 46 | 2,581 | 361413 | 214800 |
|---|---|---|---|
| papers | citations | 20 h-index | 47 g-index |

| 50 | 50 | 50 | 5073 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | A Review on the Dietary Flavonoid Kaempferol. Mini-Reviews in Medicinal Chemistry, 2011, 11, 298-344. | 2.4 | 937 |
| 2 | The dark side of curcumin. International Journal of Cancer, 2010, 126, 1771-1775. | 5.1 | 270 |
| 3 | Pro-Oxidant Natural Products as Anticancer Agents. Current Drug Targets, 2012, 13, 1006-1028. | 2.1 | 141 |
| 4 | A comprehensive structural, biochemical and biological profiling of the human NUDIX hydrolase family. Nature Communications, 2017, 8, 1541. | 12.8 | 124 |
| 5 | Cancer-Specific Synthetic Lethality between ATR and CHK1 Kinase Activities. Cell Reports, 2016, 14, 298-309. | 6.4 | 105 |
| 6 | Targeting SAMHD1 with the Vpx protein to improve cytarabine therapy for hematological malignancies. Nature Medicine, 2017, 23, 256-263. | 30.7 | 102 |
| 7 | Evaluating the Cancer Therapeutic Potential of Cardiac Glycosides. BioMed Research International, 2014, 2014, 1-9. | 1.9 | 84 |
| 8 | The PARP inhibitor Olaparib disrupts base excision repair of 5-aza-2â€²-deoxycytidine lesions. Nucleic Acids Research, 2014, 42, 9108-9120. | 14.5 | 73 |
| 9 | Green tea constituents (-)-epigallocatechin-3-gallate (EGCG) and gallic acid induce topoisomerase I- and topoisomerase II-DNA complexes in cells mediated by pyrogallol-induced hydrogen peroxide. Mutagenesis, 2011, 26, 489-498. | 2.6 | 61 |
| 10 | The Coffee Constituent Chlorogenic Acid Induces Cellular DNA Damage and Formation of Topoisomerase Iâ€“ and Iiâ€“DNA Complexes in Cells. Journal of Agricultural and Food Chemistry, 2012, 60, 7384-7391. | 5.2 | 61 |
| 11 | 5-Aza-2â€²-deoxycytidine causes replication lesions that require Fanconi anemia-dependent homologous recombination for repair. Nucleic Acids Research, 2013, 41, 5827-5836. | 14.5 | 56 |
| 12 | In vitro and in vivo evaluation of Î”9-tetrahidrocannabinol/PLGA nanoparticles for cancer chemotherapy. International Journal of Pharmaceutics, 2015, 487, 205-212. | 5.2 | 44 |
| 13 | Discovery of the First Potent and Selective Inhibitors of Human dCTP Pyrophosphatase 1. Journal of Medicinal Chemistry, 2016, 59, 1140-1148. | 6.4 | 40 |
| 14 | A Hydroalcoholic Extract from the Leaves of Nerium oleander Inhibits Glycolysis and Induces Selective Killing of Lung Cancer Cells. Planta Medica, 2013, 79, 1017-1023. | 1.3 | 38 |
| 15 | Selective Cytotoxic Activity of New Lipophilic Hydroxytyrosol Alkyl Ether Derivatives. Journal of Agricultural and Food Chemistry, 2013, 61, 5046-5053. | 5.2 | 37 |
| 16 | The in vivo antitumor activity of cardiac glycosides in mice xenografted with human cancer cells is probably an experimental artifact. Oncogene, 2014, 33, 2947-2948. | 5.9 | 33 |
| 17 | Sulforaphane homologues: Enantiodivergent synthesis of both enantiomers, activation of the Nrf2 transcription factor and selective cytotoxic activity. European Journal of Medicinal Chemistry, 2014, 87, 552-563. | 5.5 | 30 |
| 18 | Alpha, beta-unsaturated lactones 2-furanone and 2-pyrone induce cellular DNA damage, formation of topoisomerase I- and II-DNA complexes and cancer cell death. Toxicology Letters, 2013, 222, 64-71. | 0.8 | 24 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Design, synthesis and biological studies of a library of NK1-Receptor Ligands Based on a 5-arylthiosubstituted 2-amino-4,6-diaryl-3-cyano-4 H -pyran core: Switch from antagonist to agonist effect by chemical modification. European Journal of Medicinal Chemistry, 2017, 138, 644-660. | 5.5 | 24 |
| 20 | Meroterpenoids from the Brown Alga Cystoseira usneoides as Potential Anti-Inflammatory and Lung Anticancer Agents. Marine Drugs, 2020, 18, 207. | 4.6 | 20 |
| 21 | Piperazin-1-ylpyridazine Derivatives Are a Novel Class of Human dCTP Pyrophosphatase 1 Inhibitors. Journal of Medicinal Chemistry, 2017, 60, 4279-4292. | 6.4 | 19 |
| 22 | Screening for Selective Anticancer Activity of 65 Extracts of Plants Collected in Western Andalusia, Spain. Plants, 2021, 10, 2193. | 3.5 | 19 |
| 23 | Anticancer Activities of Meroterpenoids Isolated from the Brown Alga Cystoseira usneoides against the Human Colon Cancer Cells HT-29. Foods, 2020, 9, 300. | 4.3 | 18 |
| 24 | A 30-s exposure to ethanol 20% is cytotoxic to human keratinocytes: possible mechanistic link between alcohol-containing mouthwashes and oral cancer. Clinical Oral Investigations, 2018, 22, 2943-2946. | 3.0 | 17 |
| 25 | Effect of DNA Repair Deficiencies on the Cytotoxicity of Drugs Used in Cancer Therapy - A Review. Current Medicinal Chemistry, 2014, 21, 3419-3454. | 2.4 | 17 |
| 26 | Aziridines from alkenyl-Î²-D-galactopyranoside derivatives: Stereoselective synthesis and inÂvitro selective anticancer activity. European Journal of Medicinal Chemistry, 2013, 70, 380-392. | 5.5 | 15 |
| 27 | MTH1 Inhibitor TH1579 Induces Oxidative DNA Damage and Mitotic Arrest in Acute Myeloid Leukemia. Cancer Research, 2021, 81, 5733-5744. | 0.9 | 15 |
| 28 | Identification of Triazolothiadiazoles as Potent Inhibitors of the dCTP Pyrophosphatase 1. Journal of Medicinal Chemistry, 2017, 60, 2148-2154. | 6.4 | 14 |
| 29 | Zebularine induces replication-dependent double-strand breaks which are preferentially repaired by homologous recombination. DNA Repair, 2017, 57, 116-124. | 2.8 | 14 |
| 30 | Screening for selective anticancer activity of plants from Grazalema Natural Park, Spain. Natural Product Research, 2019, 33, 3454-3458. | 1.8 | 10 |
| 31 | Carbohydrate-Based NK1R Antagonists with Broad-Spectrum Anticancer Activity. Journal of Medicinal Chemistry, 2021, 64, 10350-10370. | 6.4 | 10 |
| 32 | pH-temperature dual-sensitive nucleolipid-containing stealth liposomes anchored with PEGylated AuNPs for triggering delivery of doxorubicin. International Journal of Pharmaceutics, 2022, 619, 121691. | 5.2 | 10 |
| 33 | Guanidine-reactive agent phenylglyoxal induces DNA damage and cancer cell death. Pharmacological Reports, 2012, 64, 1515-1525. | 3.3 | 9 |
| 34 | Avoiding the ingestion of cytotoxic concentrations of ethanol may reduce the risk of cancer associated with alcohol consumption. Drug and Alcohol Dependence, 2018, 183, 201-204. | 3.2 | 7 |
| 35 | Cholesterol Levels Affect the Performance of AuNPs-Decorated Thermo-Sensitive Liposomes as Nanocarriers for Controlled Doxorubicin Delivery. Pharmaceutics, 2021, 13, 973. | 4.5 | 7 |
| 36 | Stereoselective Dihydroxylation Reaction of Alkenyl Î²â€<scp>D</scp>â€Hexopyranosides: A Methodology for the Synthesis of Glycosylglycerol Derivatives and 1â€Oâ€Acylâ€³â€Oâ€Î²â€<scp>D</scp>â€glycosylâ€snâ€glycerol Analogues. European Journal of Organic Chemistry, 2012, 2012, 1237-1252. | 2.4 | 5 |

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|---|---|---|---|
| 37 | Cells Deficient in the Fanconi Anemia Protein FANCD2 are Hypersensitive to the Cytotoxicity and DNA Damage Induced by Coffee and Caffeic Acid. Toxins, 2016, 8, 211. | 3.4 | 5 |
| 38 | More research is needed to establish the benefit-risk profile of curcumin. International Journal of Cancer, 2011, 128, 245-246. | 5.1 | 4 |
| 39 | Comment on â€˜Quiescence and Î³H2AX in neuroblastoma are regulated by Ouabain/Na,K-ATPaseâ€™: ouabain and cancer. British Journal of Cancer, 2013, 108, 2189-2190. | 6.4 | 4 |
| 40 | Bufalin Is a Steroid Receptor Coactivator Inhibitorâ€”Letter. Cancer Research, 2015, 75, 1156-1156. | 0.9 | 4 |
| 41 | Are most cancer cases a consequence of an immune deficiency caused by thymic involution?. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E4314-E4315. | 7.1 | 3 |
| 42 | The Cockayne syndrome protein B is involved in the repair of 5-AZA-2â€²-deoxycytidine-induced DNA lesions. Oncotarget, 2018, 9, 35069-35084. | 1.8 | 3 |
| 43 | Antiproliferative Activity of seco-Oxacassanes from Acacia schaffneri. Natural Product Communications, 2015, 10, 1934578X1501000. | 0.5 | 2 |
| 44 | Does the Nerium oleander extract PBI-05204 have potential for pancreatic cancer therapy?. Investigational New Drugs, 2015, 33, 787-787. | 2.6 | 1 |
| 45 | Selective cytotoxic activity and DNA damage by an epoxyalkyl galactopyranoside. Drug Development Research, 2018, 79, 426-436. | 2.9 | 1 |
| 46 | In Vitro Anticancer Activity and Mechanism of Action of an Aziridinyl Galactopyranoside. Biomedicines, 2022, 10, 41. | 3.2 | 1 |