# Vanessa Soto-Cerrato

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/399784/publications.pdf

Version: 2024-02-01

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|---|---|---|---|
| 41 papers | 2,029 citations | 201674 27 h-index | 276875 41 g-index |
| 42 all docs | 42 docs citations | 42 times ranked | 2715 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | The prodigiosins, proapoptotic drugs with anticancer properties. Biochemical Pharmacology, 2003, 66, 1447-1452. | 4.4 | 199 |
| 2 | Nonprotonophoric Electrogenic Clâ" Transport Mediated by Valinomycin-like Carriers. CheM, 2016, 1, 127-146. | 11.7 | 128 |
| 3 | Chloride, carboxylate and carbonate transport by ortho-phenylenediamine-based bisureas. Chemical Science, 2013, 4, 103-117. | 7.4 | 119 |
| 4 | Targeting Autophagy for Cancer Treatment and Tumor Chemosensitization. Cancers, 2019, 11, 1599. | 3.7 | 112 |
| 5 | Facilitated Anion Transport Induces Hyperpolarization of the Cell Membrane That Triggers Differentiation and Cell Death in Cancer Stem Cells. Journal of the American Chemical Society, 2015, 137, 15892-15898. | 13.7 | 109 |
| 6 | Therapeutic strategies involving survivin inhibition in cancer. Medicinal Research Reviews, 2019, 39, 887-909. | 10.5 | 107 |
| 7 | Mitochondria-mediated apoptosis operating irrespective of multidrug resistance in breast cancer cells by the anticancer agent prodigiosin. Biochemical Pharmacology, 2004, 68, 1345-1352. | 4.4 | 92 |
| 8 | Towards â€œdrug-likeâ€•indole-based transmembrane anion transporters. Chemical Science, 2012, 3, 2501. | 7.4 | 73 |
| 9 | Mechanisms of prodigiosin cytotoxicity in human neuroblastoma cell lines. European Journal of Pharmacology, 2007, 572, 111-119. | 3.5 | 71 |
| 10 | Identification of dual mTORC1 and mTORC2 inhibitors in melanoma cells: Prodigiosin vs. obatoclax. Biochemical Pharmacology, 2012, 83, 489-496. | 4.4 | 70 |
| 11 | Microsatellite Variation in Colonizing and Palearctic Populations of Drosophila subobscura. Molecular Biology and Evolution, 2001, 18, 731-740. | 8.9 | 66 |
| 12 | <scp>CDK</scp>â€•mediated activation of the <scp>SCF<sup>FBXO</sup></scp><sup>28</sup> ubiquitin ligase promotes <scp>MYC</scp>â€•driven transcription and tumourigenesis and predicts poor survival in breast cancer. EMBO Molecular Medicine, 2013, 5, 1067-1086. | 6.9 | 61 |
| 13 | Prodigiosin induces the proapoptotic gene NAG-1 via glycogen synthase kinase-3Î² activity in human breast cancer cells. Molecular Cancer Therapeutics, 2007, 6, 362-369. | 4.1 | 60 |
| 14 | Transmembrane anion transport and cytotoxicity of synthetic tambjamine analogs. Organic and Biomolecular Chemistry, 2014, 12, 1771-1778. | 2.8 | 52 |
| 15 | Synthetic tambjamine analogues induce mitochondrial swelling and lysosomal dysfunction leading to autophagy blockade and necrotic cell death in lung cancer. Biochemical Pharmacology, 2017, 126, 23-33. | 4.4 | 48 |
| 16 | Molecular Interactions of Prodiginines with the BH3 Domain of Anti-Apoptotic Bcl-2 Family Members. PLoS ONE, 2013, 8, e57562. | 2.5 | 45 |
| 17 | Fluorescent transmembrane anion transporters: shedding light on anionophoric activity in cells. Chemical Science, 2016, 7, 5069-5077. | 7.4 | 44 |
| 18 | AT514, a cyclic depsipeptide from Serratia marcescens, induces apoptosis of B-chronic lymphocytic leukemia cells: interference with the Akt/NF-Î°B survival pathway. Leukemia, 2005, 19, 572-579. | 7.2 | 43 |

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|---|---|---|---|
| 19 | The anticancer agent prodigiosin induces p21WAF1/CIP1 expression via transforming growth factor-beta receptor pathway. Biochemical Pharmacology, 2007, 74, 1340-1349. | 4.4 | 43 |
| 20 | Indole-based perenosins as highly potent HCl transporters and potential anti-cancer agents. Scientific Reports, 2017, 7, 9397. | 3.3 | 42 |
| 21 | DNA-binding and in vitro cytotoxic activity of platinum(II) complexes of curcumin and caffeine. Journal of Inorganic Biochemistry, 2019, 198, 110749. | 3.5 | 41 |
| 22 | Prodigiosin Induces Apoptosis by Acting on Mitochondria in Human Lung Cancer Cells. Annals of the New York Academy of Sciences, 2003, 1010, 178-181. | 3.8 | 37 |
| 23 | Tumors defective in homologous recombination rely on oxidative metabolism: relevance to treatments with <scp>PARP</scp> inhibitors. EMBO Molecular Medicine, 2020, 12, e11217. | 6.9 | 37 |
| 24 | Small molecule anionophores promote transmembrane anion permeation matching CFTR activity. Scientific Reports, 2018, 8, 2608. | 3.3 | 35 |
| 25 | From Proteomic Analysis to Potential Therapeutic Targets: Functional Profile of Two Lung Cancer Cell Lines, A549 and SW900, Widely Studied in Pre-Clinical Research. PLoS ONE, 2016, 11, e0165973. | 2.5 | 33 |
| 26 | High cytotoxic sensitivity of the human small cell lung doxorubicin-resistant carcinoma (GLC4/ADR) cell line to prodigiosin through apoptosis activation. Anti-Cancer Drugs, 2005, 16, 393-399. | 1.4 | 30 |
| 27 | Highly Cytotoxic Ruthenium(II)-Arene Complexes from Bulky 1-Pyrenylphosphane Ligands. Inorganic Chemistry, 2018, 57, 14786-14797. | 4.0 | 28 |
| 28 | Novel Indole-based Tambjamine-Analogues Induce Apoptotic Lung Cancer Cell Death through p38 Mitogen-Activated Protein Kinase Activation. Molecular Cancer Therapeutics, 2017, 16, 1224-1235. | 4.1 | 24 |
| 29 | Cell cycle arrest and proapoptotic effects of the anticancer cyclodepsipeptide serratamolide (AT514) are independent of p53 status in breast cancer cells. Biochemical Pharmacology, 2005, 71, 32-41. | 4.4 | 23 |
| 30 | The curcumin analog DM-1 induces apoptotic cell death in melanoma. Tumor Biology, 2013, 34, 1119-1129. | 1.8 | 20 |
| 31 | Bcl-2 family proteins and cytoskeleton changes involved in DM-1 cytotoxic effect on melanoma cells. Tumor Biology, 2013, 34, 1235-1243. | 1.8 | 18 |
| 32 | The Natural-Based Antitumor Compound T21 Decreases Survivin Levels through Potent STAT3 Inhibition in Lung Cancer Models. Biomolecules, 2019, 9, 361. | 4.0 | 18 |
| 33 | N-Triethylene glycol (N-TEG) as a surrogate for the N-methyl group: application to Sansalvamide A peptide analogs. Chemical Communications, 2013, 49, 6430. | 4.1 | 17 |
| 34 | Click-tambjamines as efficient and tunable bioactive anion transporters. Chemical Communications, 2020, 56, 3218-3221. | 4.1 | 17 |
| 35 | Synthesis and biological evaluation of a post-synthetically modified Trp-based diketopiperazine. MedChemComm, 2013, 4, 1171. | 3.4 | 16 |
| 36 | Piano-Stool Ruthenium(II) Complexes with Delayed Cytotoxic Activity: Origin of the Lag Time. Inorganic Chemistry, 2021, 60, 7974-7990. | 4.0 | 16 |

| # | ARTICLE | IF | CITATIONS |
|---|---|---|---|
| 37 | Proteomic analysis of prodigiosin-induced apoptosis in a breast cancer mitoxantrone-resistant (MCF-7) Tj ETQq1 1 0.784314 rgBT /Ov | 2.6 | 14 |
| 38 | Expanding the Range of Pyrenylphosphines and Their Derived Ru(II)-Arene Complexes. Organometallics, 2020, 39, 2959-2971. | 2.3 | 7 |
| 39 | Multi-Smart and Scalable Bioligands-Free Nanomedical Platform for Intratumorally Targeted Tambjamine Delivery, a Difficult to Administrate Highly Cytotoxic Drug. Biomedicines, 2021, 9, 508. | 3.2 | 6 |
| 40 | Inhibition of Human Enhancer of Zeste Homolog 2 with Tambjamine Analogs. Journal of Chemical Information and Modeling, 2017, 57, 2089-2098. | 5.4 | 5 |
| 41 | A Novel Late-Stage Autophagy Inhibitor That Efficiently Targets Lysosomes Inducing Potent Cytotoxic and Sensitizing Effects in Lung Cancer. Cancers, 2022, 14, 3387. | 3.7 | 3 |