

Vanessa Soto-Cerrato

List of Publications by Year in descending order

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41
papers

2,029
citations

201385

27
h-index

276539

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. <i>Biochemical Pharmacology</i> , 2003, 66, 1447-1452.	2.0	199
2	Nonprotonophoric Electrogenic Cl ⁻ Transport Mediated by Valinomycin-like Carriers. <i>CheM</i> , 2016, 1, 127-146.	5.8	128
3	Chloride, carboxylate and carbonate transport by ortho-phenylenediamine-based bisureas. <i>Chemical Science</i> , 2013, 4, 103-117.	3.7	119
4	Targeting Autophagy for Cancer Treatment and Tumor Chemosensitization. <i>Cancers</i> , 2019, 11, 1599.	1.7	112
5	Facilitated Anion Transport Induces Hyperpolarization of the Cell Membrane That Triggers Differentiation and Cell Death in Cancer Stem Cells. <i>Journal of the American Chemical Society</i> , 2015, 137, 15892-15898.	6.6	109
6	Therapeutic strategies involving survivin inhibition in cancer. <i>Medicinal Research Reviews</i> , 2019, 39, 887-909.	5.0	107
7	Mitochondria-mediated apoptosis operating irrespective of multidrug resistance in breast cancer cells by the anticancer agent prodigiosin. <i>Biochemical Pharmacology</i> , 2004, 68, 1345-1352.	2.0	92
8	Towards "drug-like" indole-based transmembrane anion transporters. <i>Chemical Science</i> , 2012, 3, 2501.	3.7	73
9	Mechanisms of prodigiosin cytotoxicity in human neuroblastoma cell lines. <i>European Journal of Pharmacology</i> , 2007, 572, 111-119.	1.7	71
10	Identification of dual mTORC1 and mTORC2 inhibitors in melanoma cells: Prodigiosin vs. obatoclox. <i>Biochemical Pharmacology</i> , 2012, 83, 489-496.	2.0	70
11	Microsatellite Variation in Colonizing and Palearctic Populations of <i>Drosophila subobscura</i> . <i>Molecular Biology and Evolution</i> , 2001, 18, 731-740.	3.5	66
12	CDK-mediated activation of the SCF ^{FBXO} ubiquitin ligase promotes MYC-driven transcription and tumorigenesis and predicts poor survival in breast cancer. <i>EMBO Molecular Medicine</i> , 2013, 5, 1067-1086.	3.3	61
13	Prodigiosin induces the proapoptotic gene NAG-1 via glycogen synthase kinase-3 ^β activity in human breast cancer cells. <i>Molecular Cancer Therapeutics</i> , 2007, 6, 362-369.	1.9	60
14	Transmembrane anion transport and cytotoxicity of synthetic tambjamine analogs. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 1771-1778.	1.5	52
15	Synthetic tambjamine analogues induce mitochondrial swelling and lysosomal dysfunction leading to autophagy blockade and necrotic cell death in lung cancer. <i>Biochemical Pharmacology</i> , 2017, 126, 23-33.	2.0	48
16	Molecular Interactions of Prodiginines with the BH3 Domain of Anti-Apoptotic Bcl-2 Family Members. <i>PLoS ONE</i> , 2013, 8, e57562.	1.1	45
17	Fluorescent transmembrane anion transporters: shedding light on anionophoric activity in cells. <i>Chemical Science</i> , 2016, 7, 5069-5077.	3.7	44
18	AT514, a cyclic depsipeptide from <i>Serratia marcescens</i> , induces apoptosis of B-chronic lymphocytic leukemia cells: interference with the Akt/NF- κ B survival pathway. <i>Leukemia</i> , 2005, 19, 572-579.	3.3	43

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19	The anticancer agent prodigiosin induces p21WAF1/CIP1 expression via transforming growth factor-beta receptor pathway. <i>Biochemical Pharmacology</i> , 2007, 74, 1340-1349.	2.0	43
20	Indole-based perenosins as highly potent HCl transporters and potential anti-cancer agents. <i>Scientific Reports</i> , 2017, 7, 9397.	1.6	42
21	DNA-binding and in vitro cytotoxic activity of platinum(II) complexes of curcumin and caffeine. <i>Journal of Inorganic Biochemistry</i> , 2019, 198, 110749.	1.5	41
22	Prodigiosin Induces Apoptosis by Acting on Mitochondria in Human Lung Cancer Cells. <i>Annals of the New York Academy of Sciences</i> , 2003, 1010, 178-181.	1.8	37
23	Tumors defective in homologous recombination rely on oxidative metabolism: relevance to treatments with <sc>PARP</sc> inhibitors. <i>EMBO Molecular Medicine</i> , 2020, 12, e11217.	3.3	37
24	Small molecule anionophores promote transmembrane anion permeation matching CFTR activity. <i>Scientific Reports</i> , 2018, 8, 2608.	1.6	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. <i>PLoS ONE</i> , 2016, 11, e0165973.	1.1	33
26	High cytotoxic sensitivity of the human small cell lung doxorubicin-resistant carcinoma (GLC4/ADR) cell line to prodigiosin through apoptosis activation. <i>Anti-Cancer Drugs</i> , 2005, 16, 393-399.	0.7	30
27	Highly Cytotoxic Ruthenium(II)-Arene Complexes from Bulky 1-Pyrenylphosphane Ligands. <i>Inorganic Chemistry</i> , 2018, 57, 14786-14797.	1.9	28
28	Novel Indole-based Tambjamine-Analogues Induce Apoptotic Lung Cancer Cell Death through p38 Mitogen-Activated Protein Kinase Activation. <i>Molecular Cancer Therapeutics</i> , 2017, 16, 1224-1235.	1.9	24
29	Cell cycle arrest and proapoptotic effects of the anticancer cyclodepsipeptide serratamolide (AT514) are independent of p53 status in breast cancer cells. <i>Biochemical Pharmacology</i> , 2005, 71, 32-41.	2.0	23
30	The curcumin analog DM-1 induces apoptotic cell death in melanoma. <i>Tumor Biology</i> , 2013, 34, 1119-1129.	0.8	20
31	Bcl-2 family proteins and cytoskeleton changes involved in DM-1 cytotoxic effect on melanoma cells. <i>Tumor Biology</i> , 2013, 34, 1235-1243.	0.8	18
32	The Natural-Based Antitumor Compound T21 Decreases Survivin Levels through Potent STAT3 Inhibition in Lung Cancer Models. <i>Biomolecules</i> , 2019, 9, 361.	1.8	18
33	N-Triethylene glycol (N-TEG) as a surrogate for the N-methyl group: application to Sansalvamide A peptide analogs. <i>Chemical Communications</i> , 2013, 49, 6430.	2.2	17
34	Click-tambjamines as efficient and tunable bioactive anion transporters. <i>Chemical Communications</i> , 2020, 56, 3218-3221.	2.2	17
35	Synthesis and biological evaluation of a post-synthetically modified Trp-based diketopiperazine. <i>MedChemComm</i> , 2013, 4, 1171.	3.5	16
36	Piano-Stool Ruthenium(II) Complexes with Delayed Cytotoxic Activity: Origin of the Lag Time. <i>Inorganic Chemistry</i> , 2021, 60, 7974-7990.	1.9	16

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37	Proteomic analysis of prodigiosin-induced apoptosis in a breast cancer mitoxantrone-resistant (MCF-7) Tj ETQq1 1	0.784314	14
38	Expanding the Range of Pyrenylphosphines and Their Derived Ru(II)-Arene Complexes. <i>Organometallics</i> , 2020, 39, 2959-2971.	1.1	7
39	Multi-Smart and Scalable Bioligands-Free Nanomedical Platform for Intratumorally Targeted Tambjamine Delivery, a Difficult to Administrate Highly Cytotoxic Drug. <i>Biomedicines</i> , 2021, 9, 508.	1.4	6
40	Inhibition of Human Enhancer of Zeste Homolog 2 with Tambjamine Analogs. <i>Journal of Chemical Information and Modeling</i> , 2017, 57, 2089-2098.	2.5	5
41	A Novel Late-Stage Autophagy Inhibitor That Efficiently Targets Lysosomes Inducing Potent Cytotoxic and Sensitizing Effects in Lung Cancer. <i>Cancers</i> , 2022, 14, 3387.	1.7	3