Ricardo PÃ©rez-TomÃ¡s

List of Publications by Year
in descending order

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75 papers	4,333 citations	125106 35 h-index	120465 65 g-index
76 all docs	76 docs citations	76 times ranked	5339 citing authors

#	Article	IF	Citations
1	A Novel Late-Stage Autophagy Inhibitor That Efficiently Targets Lysosomes Inducing Potent Cytotoxic and Sensitizing Effects in Lung Cancer. Cancers, 2022, 14, 3387.	1.7	3
2	Multi-Smart and Scalable Bioligands-Free Nanomedical Platform for Intratumorally Targeted Tambjamine Delivery, a Difficult to Administrate Highly Cytotoxic Drug. Biomedicines, 2021, 9, 508.	1.4	6
3	Piano-Stool Ruthenium(II) Complexes with Delayed Cytotoxic Activity: Origin of the Lag Time. Inorganic Chemistry, 2021, 60, 7974-7990.	1.9	16
4	The Inflammatory Profile of the Tumor Microenvironment, Orchestrated by Cyclooxygenase-2, Promotes Epithelial-Mesenchymal Transition. Frontiers in Oncology, 2021, 11, 686792.	1.3	30
5	Cyclooxygenaseâ€2 protein expression modulates cell proliferation and apoptosis in solid ameloblastoma and odontogenic keratocyst. An immunohistochemical study. Journal of Oral Pathology and Medicine, 2021, 50, 937-945.	1.4	4
6	Stimuliâ€Responsive Cycloaurated â€œOFFâ€•ONâ€•Switchable Anion Transporters. Angewandte Chemie, 2020, 132, 17767-17774.	1.6	9
7	Expanding the Range of Pyrenylphosphines and Their Derived Ru(II)-Arene Complexes. Organometallics, 2020, 39, 2959-2971.	1.1	7
8	Lactate in the Tumor Microenvironment: An Essential Molecule in Cancer Progression and Treatment. Cancers, 2020, 12, 3244.	1.7	111
9	Stimuliâ€Responsive Cycloaurated â€œOFFâ€•ONâ€•Switchable Anion Transporters. Angewandte Chemie - International Edition, 2020, 59, 17614-17621.	7.2	28
10	Click-tambjamines as efficient and tunable bioactive anion transporters. Chemical Communications, 2020, 56, 3218-3221.	2.2	17
11	The Natural-Based Antitumor Compound T21 Decreases Survivin Levels through Potent STAT3 Inhibition in Lung Cancer Models. Biomolecules, 2019, 9, 361.	1.8	18
12	Targeting Autophagy for Cancer Treatment and Tumor Chemosensitization. Cancers, 2019, 11, 1599.	1.7	112
13	DNA-binding and in vitro cytotoxic activity of platinum(II) complexes of curcumin and caffeine. Journal of Inorganic Biochemistry, 2019, 198, 110749.	1.5	41
14	Small molecule anionophores promote transmembrane anion permeation matching CFTR activity. Scientific Reports, 2018, 8, 2608.	1.6	35
15	Photoactivation of the Cytotoxic Properties of Platinum(II) Complexes through Ligand Photoswitching. Inorganic Chemistry, 2018, 57, 4009-4022.	1.9	24
16	Highly Cytotoxic Ruthenium(II)-Arene Complexes from Bulky 1-Pyrenylphosphane Ligands. Inorganic Chemistry, 2018, 57, 14786-14797.	1.9	28
17	Full elucidation of the transmembrane anion transport mechanism of squaramides using in silico investigations. Physical Chemistry Chemical Physics, 2018, 20, 20796-20811.	1.3	23
18	DNA interactions of non-chelating tinidazole-based coordination compounds and their structural, redox and cytotoxic properties. Dalton Transactions, 2018, 47, 7551-7560.	1.6	8

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19	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.	1.9	24
20	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.	2.0	48
21	Indole-based perenosins as highly potent HCl transporters and potential anti-cancer agents. Scientific Reports, 2017, 7, 9397.	1.6	42
22	pH-Driven preparation of two related platinum(<scp>ii</scp>) complexes exhibiting distinct cytotoxic properties. Dalton Transactions, 2017, 46, 11214-11222.	1.6	12
23	Inhibition of Human Enhancer of Zeste Homolog 2 with Tambjamine Analogs. Journal of Chemical Information and Modeling, 2017, 57, 2089-2098.	2.5	5
24	Non-Switching 1,2-Dithienylethene-based Diplatinum(II) Complex Showing High Cytotoxicity. Inorganic Chemistry, 2016, 55, 5356-5364.	1.9	10
25	Fluorescent transmembrane anion transporters: shedding light on anionophoric activity in cells. Chemical Science, 2016, 7, 5069-5077.	3.7	44
26	Nonprotonophoric Electrogenic Clâ^' Transport Mediated by Valinomycin-like Carriers. CheM, 2016, 1, 127-146.	5.8	128
27	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.	1.1	33
28	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.	6.6	109
29	Photoswitching the Cytotoxic Properties of Platinum(II) Compounds. Angewandte Chemie - International Edition, 2015, 54, 4561-4565.	7.2	67
30	The effect of potential supramolecular-bond promoters on the DNA-interacting abilities of copperâ€“terpyridine compounds. Dalton Transactions, 2015, 44, 16061-16072.	1.6	26
31	Multidrug resistance protein 1 localization in lipid raft domains and prostasomes in prostate cancer cell lines. OncoTargets and Therapy, 2014, 7, 2215.	1.0	9
32	Transmembrane anion transport and cytotoxicity of synthetic tambjamine analogs. Organic and Biomolecular Chemistry, 2014, 12, 1771-1778.	1.5	52
33	Phosphoprotein Phosphatase 1 Isoforms Alpha and Gamma Respond Differently to Prodigiosin Treatment and Present Alternative Kinase Targets in Melanoma Cells. Journal of Biophysical Chemistry, 2014, 05, 67-77.	0.1	0
34	The curcumin analog DM-1 induces apoptotic cell death in melanoma. Tumor Biology, 2013, 34, 1119-1129.	0.8	20
35	Bcl-2 family proteins and cytoskeleton changes involved in DM-1 cytotoxic effect on melanoma cells. Tumor Biology, 2013, 34, 1235-1243.	0.8	18
36	Chloride, carboxylate and carbonate transport by ortho-phenylenediamine-based bisureas. Chemical Science, 2013, 4, 103-117.	3.7	119

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37	Anion Transporters and Biological Systems. Accounts of Chemical Research, 2013, 46, 2801-2813.	7.6	194
38	N-Triethylene glycol (N-TEG) as a surrogate for the N-methyl group: application to Sansalvamide A peptide analogs. Chemical Communications, 2013, 49, 6430.	2.2	17
39	Synthesis and biological evaluation of a post-synthetically modified Trp-based diketopiperazine. MedChemComm, 2013, 4, 1171.	3.5	16
40	Molecular Interactions of Prodiginines with the BH3 Domain of Anti-Apoptotic Bcl-2 Family Members. PLoS ONE, 2013, 8, e57562.	1.1	45
41	Tambjamine alkaloids and related synthetic analogs: efficient transmembrane anion transporters. Chemical Communications, 2012, 48, 1556-1558.	2.2	71
42	Towards â€œdrug-likeâ€•indole-based transmembrane anion transporters. Chemical Science, 2012, 3, 2501.	3.7	73
43	Identification of dual mTORC1 and mTORC2 inhibitors in melanoma cells: Prodigiosin vs. obatoclax. Biochemical Pharmacology, 2012, 83, 489-496.	2.0	70
44	Structureâ€“Activity Relationships in Tripodal Transmembrane Anion Transporters: The Effect of Fluorination. Journal of the American Chemical Society, 2011, 133, 14136-14148.	6.6	277
45	Synthetic Prodiginine Obatoclax (GX15â€070) and Related Analogues: Anion Binding, Transmembrane Transport, and Cytotoxicity Properties. Chemistry - A European Journal, 2011, 17, 14074-14083.	1.7	102
46	A Novel Kinase Inhibitor of FADD Phosphorylation Chemosensitizes through the Inhibition of NF-Î¹B. Molecular Cancer Therapeutics, 2011, 10, 1807-1817.	1.9	14
47	Editorial [Hot topic: Molecular Mechanisms of Cancer Cell Death (Executive Editor: Ricardo) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	0.9	6
48	Understanding Autophagy in Cell Death Control. Current Pharmaceutical Design, 2010, 16, 101-113.	0.9	83
49	Synthesis and G-Quadruplex-Binding Properties of Defined Acridine Oligomers. Journal of Nucleic Acids, 2010, 2010, 1-10.	0.8	7
50	New Insights on the Antitumoral Properties of Prodiginines. Current Medicinal Chemistry, 2010, 17, 2222-2231.	1.2	99
51	Overcoming Drug Resistance by Enhancing Apoptosis of Tumor Cells. Current Cancer Drug Targets, 2009, 9, 320-340.	0.8	157
52	Design, synthesis and antiproliferative properties of oligomers with chromophore units linked by amide backbones. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 2440-2444.	1.0	14
53	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.	1.9	60
54	The anticancer agent prodigiosin induces p21WAF1/CIP1 expression via transforming growth factor-beta receptor pathway. Biochemical Pharmacology, 2007, 74, 1340-1349.	2.0	43

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55	Mechanisms of prodigiosin cytotoxicity in human neuroblastoma cell lines. European Journal of Pharmacology, 2007, 572, 111-119.	1.7	71
56	Proteomic analysis of prodigiosin-induced apoptosis in a breast cancer mitoxantrone-resistant (MCF-7) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.2	14
57	Multidrug Resistance: Retrospect and Prospects in Anti-Cancer Drug Treatment. Current Medicinal Chemistry, 2006, 13, 1859-1876.	1.2	459
58	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.	0.7	30
59	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.	2.0	23
60	Eye regeneration assay reveals an invariant functional left-right asymmetry in the early bilaterian, Dugesia japonica.. Laterality, 2005, 10, 193-205.	0.5	25
61	DNA Interaction and Dual Topoisomerase I and II Inhibition Properties of the Anti-Tumor Drug Prodigiosin. Toxicological Sciences, 2005, 85, 870-879.	1.4	84
62	Non-apoptotic concentrations of prodigiosin (H+/Clâ˜ symporter) inhibit the acidification of lysosomes and induce cell cycle blockage in colon cancer cells. Life Sciences, 2005, 78, 121-127.	2.0	37
63	Mitochondria-mediated apoptosis operating irrespective of multidrug resistance in breast cancer cells by the anticancer agent prodigiosin. Biochemical Pharmacology, 2004, 68, 1345-1352.	2.0	92
64	Prodigiosin Induces Apoptosis by Acting on Mitochondria in Human Lung Cancer Cells. Annals of the New York Academy of Sciences, 2003, 1010, 178-181.	1.8	37
65	The prodigiosins, proapoptotic drugs with anticancer properties. Biochemical Pharmacology, 2003, 66, 1447-1452.	2.0	199
66	The Prodigiosins: A New Family of Anticancer Drugs. Current Cancer Drug Targets, 2003, 3, 57-65.	0.8	97
67	The cytotoxic prodigiosin induces phosphorylation of p38-MAPK but not of SAPK/JNK. Toxicology Letters, 2002, 129, 93-98.	0.4	35
68	Peptide Dendrimers Based on Polyproline Helices. Journal of the American Chemical Society, 2002, 124, 8876-8883.	6.6	111
69	Activation of protein kinase C for protection of cells against apoptosis induced by the immunosuppressor prodigiosin. Biochemical Pharmacology, 2002, 63, 463-469.	2.0	31
70	Prodigiosin-induced apoptosis in human colon cancer cells. Life Sciences, 2001, 68, 2025-2036.	2.0	126
71	Transforming growth factor-alpha precursors in human colon carcinoma cells. Digestive Diseases and Sciences, 2001, 46, 1157-1162.	1.1	2
72	Prodigiosin from the supernatant of Serratia marcescens induces apoptosis in haematopoietic cancer cell lines. British Journal of Pharmacology, 2000, 131, 585-593.	2.7	163

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73	Cell proliferation and tumour promotion by ethinyl estradiol in rat hepatocarcinogenesis. Carcinogenesis, 1991, 12, 1133-1136.	1.3	31
74	Distribution of mucins in the mucosa of the digestive tract of reptiles: a histochemical study. Acta Histochemica, 1989, 85, 117-IN1.	0.9	11
75	Antiproliferative properties of iron supramolecular cylinders. Chemistry Squared, 0, 2, 4.	0.0	5