Tatiana CaÃ±eque Cobo

List of Publications by Year
in descending order

45 papers	1,869 citations	331670 21 h-index	265206 42 g-index
53 all docs	53 docs citations	53 times ranked	2857 citing authors

#	Article	IF	Citations
1	Salinomycin kills cancer stem cells by sequestering iron in lysosomes. Nature Chemistry, 2017, 9, 1025-1033.	13.6	423
2	PML-Regulated Mitochondrial Metabolism Enhances Chemosensitivity in Human Ovarian Cancers. Cell Metabolism, 2019, 29, 156-173.e10.	16.2	174
3	Visualizing biologically active small molecules in cells using click chemistry. Nature Reviews Chemistry, 2018, 2, 202-215.	30.2	133
4	CD44 regulates epigenetic plasticity by mediating iron endocytosis. Nature Chemistry, 2020, 12, 929-938.	13.6	132
5	Click chemistry enables preclinical evaluation of targeted epigenetic therapies. Science, 2017, 356, 1397-1401.	12.6	120
6	A V-shaped cationic dye for nonlinear optical bioimaging. Chemical Communications, 2011, 47, 7374.	4.1	64
7	Electrophilic activation of allenenes and allenynes: analogies and differences between BrÃ¸nsted and Lewis acid activation. Chemical Society Reviews, 2014, 43, 2916-2926.	38.1	62
8	DMT1 Inhibitors Kill Cancer Stem Cells by Blocking Lysosomal Iron Translocation. Chemistry - A European Journal, 2020, 26, 7369-7373.	3.3	61
9	Hepatocyte nuclear factor 1Î± suppresses steatosis-associated liver cancer by inhibiting PPARÎ³ transcription. Journal of Clinical Investigation, 2017, 127, 1873-1888.	8.2	58
10	Salinomycin Derivatives Kill Breast Cancer Stem Cells by Lysosomal Iron Targeting. Chemistry - A European Journal, 2020, 26, 7416-7424.	3.3	57
11	An iron hand over cancer stem cells. Autophagy, 2017, 13, 1465-1466.	9.1	43
12	Synthesis of marmycin A and investigation into its cellular activity. Nature Chemistry, 2015, 7, 744-751.	13.6	41
13	Nonlinear Emission of Quinolizinium-Based Dyes with Application in Fluorescence Lifetime Imaging. Journal of Physical Chemistry A, 2015, 119, 2351-2362.	2.5	33
14	Catalytic Semireduction of Internal Alkynes with Allâ€Metal Aromatic Complexes. ChemCatChem, 2015, 7, 3266-3269.	3.7	30
15	Alternative Routes to Tricyclic Cyclohexenes with Trinuclear Palladium Complexes. ACS Catalysis, 2018, 8, 144-147.	11.2	30
16	Iron-Sensitive Prodrugs That Trigger Active Ferroptosis in Drug-Tolerant Pancreatic Cancer Cells. Journal of the American Chemical Society, 2022, 144, 11536-11545.	13.7	29
17	Novel charged NLO chromophores based on quinolizinium acceptor units. Dyes and Pigments, 2014, 101, 116-121.	3.7	27
18	Click Quantitative Mass Spectrometry Identifies PIWIL3 as a Mechanistic Target of RNA Interference Activator Enoxacin in Cancer Cells. Journal of the American Chemical Society, 2017, 139, 1400-1403.	13.7	27

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19	Family-wide Analysis of the Inhibition of Arf Guanine Nucleotide Exchange Factors with Small Molecules: Evidence of Unique Inhibitory Profiles. Biochemistry, 2017, 56, 5125-5133.	2.5	25
20	A Simple Synthesis of Triangular Allâ€Metal Aromatics Allowing Access to Isolobal Allâ€Metal Heteroaromatics. Chemistry - A European Journal, 2015, 21, 12271-12274.	3.3	24
21	Quinolizinium as a new fluorescent lysosomotropic probe. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 203-207.	2.2	22
22	Chemical biology of salinomycin. Tetrahedron, 2018, 74, 5585-5614.	1.9	22
23	PH-domain-binding inhibitors of nucleotide exchange factor BRAG2 disrupt Arf GTPase signaling. Nature Chemical Biology, 2019, 15, 358-366.	8.0	22
24	Palladium-Mediated Functionalization of Heteroaromatic Cations:Â Comparative Study on Quinolizinium Cations. Journal of Organic Chemistry, 2006, 71, 7989-7995.	3.2	21
25	Targeting Cancer Stem Cells with Small Molecules. Israel Journal of Chemistry, 2017, 57, 239-250.	2.3	19
26	Metformin reveals a mitochondrial copper addiction of mesenchymal cancer cells. PLoS ONE, 2018, 13, e0206764.	2.5	19
27	Effects of iron modulation on mesenchymal stem cell-induced drug resistance in estrogen receptor-positive breast cancer. Oncogene, 2022, 41, 3705-3718.	5.9	19
28	Pd Catalysis in Cyanide-Free Synthesis of Nitriles from Haloarenes via Isoxazolines. Organic Letters, 2016, 18, 6108-6111.	4.6	18
29	Pharmacologic Reduction of Mitochondrial Iron Triggers a Noncanonical BAX/BAK-Dependent Cell Death. Cancer Discovery, 2022, 12, 774-791.	9.4	18
30	Efficient functionalization of quinolizinium cations with organotrifluoroborates in water. Tetrahedron Letters, 2009, 50, 1419-1422.	1.4	17
31	Targeting Cellular Iron Homeostasis with Ironomycin in Diffuse Large B-cell Lymphoma. Cancer Research, 2022, 82, 998-1012.	0.9	14
32	Heteroaromatic Cationâ€Based Chromophores: Synthesis and Nonlinear Optical Properties of Alkynylazinium Salts. European Journal of Organic Chemistry, 2010, 2010, 6323-6330.	2.4	11
33	Azonia aromatic heterocycles as a new acceptor unit in D-Ï€-A + vs D-A + nonlinear optical chromophores. Dyes and Pigments, 2017, 144, 17-31.	3.7	11
34	Cucurbit[n]urils as a potential fine-tuned instrument for modifying photophysical properties of Dâ€“Ï€â€“A+â€“Ï€â€“D â€œpushâ€“pullâ€•chromophores. Dyes and Pigments, 2014, 103, 106-117.	3.7	6
35	Iron-dependent lysosomal dysfunction mediated by a natural product hybrid. Chemical Communications, 2016, 52, 1358-1360.	4.1	6
36	A Synthetic Study towards the Marmycins and Analogues. Synthesis, 2017, 49, 587-592.	2.3	6

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37	Rapid and Convergent Assembly of Natural Benzo[c]phenanthridines by Palladium/Norbornene Catalysis. Heterocycles, 2014, 88, 807.	0.7	5
38	Diverse engineering. Nature Chemistry, 2019, 11, 499-500.	13.6	3
39	Small Molecule Regulators of Ferroptosis. Advances in Experimental Medicine and Biology, 2021, 1301, 81-121.	1.6	3
40	Expeditive Synthesis of Potent C20-epi-Amino Derivatives of Salinomycin against Cancer Stem-Like Cells. ACS Organic & Inorganic Au, 0, , .	4.0	2
41	Reprogramming the chemical reactivity of iron in cancer stem cells. Comptes Rendus Chimie, 2018, 21, 704-708.	0.5	1
42	Novel linear and V-shaped D-Ï€-A+-Ï€-D chromophores by Sonogashira reaction. Arkivoc, 2011, 2011, 140-155.	0.5	1
43	Rapid Access to Ironomycin Derivatives by Click Chemistry. ACS Organic & Inorganic Au, 0, , .	4.0	1
44	2nd PSL Chemical Biology Symposium (2019): At the Crossroads of Chemistry and Biology. ChemBioChem, 2019, 20, 968-973.	2.6	0
45	Ironomycin Induces Diffuse Large B-Cell Lymphoma Cell Death By Targeting Iron Metabolism Addiction. Blood, 2019, 134, 3960-3960.	1.4	0