Juan Manuel Dominguez

List of Publications by Year
in descending order

27 papers	875 citations	623188 14 h-index	580395 25 g-index
27 all docs	27 docs citations	27 times ranked	1352 citing authors

#	Article	IF	Citations
1	Structural Cues for Understanding eEF1A2 Moonlighting. ChemBioChem, 2021, 22, 374-391.	1.3	8
2	From Ugi Multicomponent Reaction to Linkers for Bioconjugation. ACS Omega, 2020, 5, 7424-7431.	1.6	10
3	CD13 as a new tumor target for antibody-drug conjugates: validation with the conjugate MI130110. Journal of Hematology and Oncology, 2020, 13, 32.	6.9	13
4	Self-Assembling Hybrid Linear-Dendritic Block Copolymers: The Design of Nano-Carriers for Lipophilic Antitumoral Drugs. Nanomaterials, 2019, 9, 161.	1.9	15
5	Bioconjugation through Mesitylene Thiol Alkylation. Bioconjugate Chemistry, 2018, 29, 1199-1208.	1.8	5
6	MI130004, a Novel Antibodyâ€“Drug Conjugate Combining Trastuzumab with a Molecule of Marine Origin, Shows Outstanding In Vivo Activity against HER2-Expressing Tumors. Molecular Cancer Therapeutics, 2018, 17, 786-794.	1.9	17
7	Binding of eEF1A2 to the RNA-dependent protein kinase PKR modulates its activity and promotes tumour cell survival. British Journal of Cancer, 2018, 119, 1410-1420.	2.9	24
8	Abstract 2906: eEF1A2 interacts with and inhibits PKR to enhance cancer cell survival. , 2018, , .		0
9	Translation Elongation Factor eEF1A2 is a Novel Anticancer Target for the Marine Natural Product Plitidepsin. Scientific Reports, 2016, 6, 35100.	1.6	71
10	Abstract 2480: MI130004, a new antibody-drug conjugate, induces strong, long-lasting antitumor effect in HER2 expressing breast tumor models. , 2015, , .		1
11	Structure-based optimization of oxadiazole-based GSK-3 inhibitors. European Journal of Medicinal Chemistry, 2013, 61, 26-40.	2.6	35
12	Kinetic Considerations on the Development of Binding Assays in Single-Addition Mode: Application to the Search for Î±2Î´1 Modulators. Journal of Biomolecular Screening, 2012, 17, 1041-1049.	2.6	1
13	Evidence for Irreversible Inhibition of Glycogen Synthase Kinase-3Î² by Tideglusib. Journal of Biological Chemistry, 2012, 287, 893-904.	1.6	190
14	Identification of Glycogen Synthase Kinase-3 Inhibitors with a Selective Sting for Glycogen Synthase Kinase-3Î±. Journal of Medicinal Chemistry, 2012, 55, 4407-4424.	2.9	45
15	Synthesis and biological evaluation of glycogen synthase kinase 3 (GSK-3) inhibitors: An fast and atom efficient access to 1-aryl-3-benzylureas. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 5610-5615.	1.0	22
16	Thermally Denatured BSA, a Surrogate Additive to Replace BSA in Buffers for High-Throughput Screening. Journal of Biomolecular Screening, 2010, 15, 1281-1286.	2.6	11
17	Discovery of GSK837149A, an inhibitor of human fatty acid synthase targeting the Î²â€ketoacyl reductase reaction. FEBS Journal, 2008, 275, 1556-1567.	2.2	46
18	Utilization of Substrate-Induced Quenching for Screening Targets Promoting NADH and NADPH Consumption. Journal of Biomolecular Screening, 2006, 11, 75-81.	2.6	8

#	Article	IF	Citations
19	Identification of a Putative Sordarin Binding Site inCandida albicans Elongation Factor 2 by Photoaffinity Labeling. Journal of Biological Chemistry, 2001, 276, 31402-31407.	1.6	9
20	Development of an Aspergillus fumigatus Cell-Free Protein Synthesis Assay. Analytical Biochemistry, 2000, 280, 320-322.	1.1	2
21	Sordarin Inhibits Fungal Protein Synthesis by Blocking Translocation Differently to Fusidic Acid. Journal of Biological Chemistry, 1999, 274, 22423-22427.	1.6	59
22	Identification of Elongation Factor 2 as the Essential Protein Targeted by Sordarins in Candida albicans. Antimicrobial Agents and Chemotherapy, 1998, 42, 2279-2283.	1.4	110
23	Sordarins: A New Class of Antifungals with Selective Inhibition of the Protein Synthesis Elongation Cycle in Yeasts. Antimicrobial Agents and Chemotherapy, 1998, 42, 2274-2278.	1.4	121
24	Identification of Two Tryptophan Residues in Endoglucanase III from Trichoderma reesei Essential for Cellulose Binding and Catalytic Activity. ACS Symposium Series, 1996, , 164-173.	0.5	1
25	Thermoinactivation of cellobiohydrolase I from Trichoderma reesei QM 9414. Carbohydrate Research, 1995, 268, 257-266.	1.1	14
26	Chemical Modification of Î²-Glucosidase from Trichoderma reesei QM 9414. Journal of Biochemistry, 1993, 114, 754-759.	0.9	18
27	Kinetic mechanism of Î²-glucosidase from Trichoderma reesei QM 9414. Biochimica Et Biophysica Acta - General Subjects, 1990, 1033, 298-304.	1.1	19