

# Juan Manuel Dominguez

## List of Publications by Year in descending order

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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	Evidence for Irreversible Inhibition of Glycogen Synthase Kinase-3 <sup>β</sup> by Tideglusib. <i>Journal of Biological Chemistry</i> , 2012, 287, 893-904.	1.6	190
2	Sordarins: A New Class of Antifungals with Selective Inhibition of the Protein Synthesis Elongation Cycle in Yeasts. <i>Antimicrobial Agents and Chemotherapy</i> , 1998, 42, 2274-2278.	1.4	121
3	Identification of Elongation Factor 2 as the Essential Protein Targeted by Sordarins in <i>Candida albicans</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 1998, 42, 2279-2283.	1.4	110
4	Translation Elongation Factor eEF1A2 is a Novel Anticancer Target for the Marine Natural Product Plitidepsin. <i>Scientific Reports</i> , 2016, 6, 35100.	1.6	71
5	Sordarin Inhibits Fungal Protein Synthesis by Blocking Translocation Differently to Fusidic Acid. <i>Journal of Biological Chemistry</i> , 1999, 274, 22423-22427.	1.6	59
6	Discovery of GSK837149A, an inhibitor of human fatty acid synthase targeting the $\beta$ -ketoacyl reductase reaction. <i>FEBS Journal</i> , 2008, 275, 1556-1567.	2.2	46
7	Identification of Glycogen Synthase Kinase-3 Inhibitors with a Selective Sting for Glycogen Synthase Kinase-3 <sup>β</sup> . <i>Journal of Medicinal Chemistry</i> , 2012, 55, 4407-4424.	2.9	45
8	Structure-based optimization of oxadiazole-based GSK-3 inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2013, 61, 26-40.	2.6	35
9	Binding of eEF1A2 to the RNA-dependent protein kinase PKR modulates its activity and promotes tumour cell survival. <i>British Journal of Cancer</i> , 2018, 119, 1410-1420.	2.9	24
10	Synthesis and biological evaluation of glycogen synthase kinase 3 (GSK-3) inhibitors: An fast and atom efficient access to 1-aryl-3-benzylureas. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 5610-5615.	1.0	22
11	Kinetic mechanism of $\beta$ -glucosidase from <i>Trichoderma reesei</i> QM 9414. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1990, 1033, 298-304.	1.1	19
12	Chemical Modification of $\beta$ -Glucosidase from <i>Trichoderma reesei</i> QM 9414. <i>Journal of Biochemistry</i> , 1993, 114, 754-759.	0.9	18
13	MI130004, a Novel Antibody-Drug Conjugate Combining Trastuzumab with a Molecule of Marine Origin, Shows Outstanding <i>In Vivo</i> Activity against HER2-Expressing Tumors. <i>Molecular Cancer Therapeutics</i> , 2018, 17, 786-794.	1.9	17
14	Self-Assembling Hybrid Linear-Dendritic Block Copolymers: The Design of Nano-Carriers for Lipophilic Antitumoral Drugs. <i>Nanomaterials</i> , 2019, 9, 161.	1.9	15
15	Thermostabilization of cellobiohydrolase I from <i>Trichoderma reesei</i> QM 9414. <i>Carbohydrate Research</i> , 1995, 268, 257-266.	1.1	14
16	CD13 as a new tumor target for antibody-drug conjugates: validation with the conjugate MI130110. <i>Journal of Hematology and Oncology</i> , 2020, 13, 32.	6.9	13
17	Thermally Denatured BSA, a Surrogate Additive to Replace BSA in Buffers for High-Throughput Screening. <i>Journal of Biomolecular Screening</i> , 2010, 15, 1281-1286.	2.6	11
18	From Ugi Multicomponent Reaction to Linkers for Bioconjugation. <i>ACS Omega</i> , 2020, 5, 7424-7431.	1.6	10

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19	Identification of a Putative Sordarin Binding Site in <i>Candida albicans</i> Elongation Factor 2 by Photoaffinity Labeling. <i>Journal of Biological Chemistry</i> , 2001, 276, 31402-31407.	1.6	9
20	Utilization of Substrate-Induced Quenching for Screening Targets Promoting NADH and NADPH Consumption. <i>Journal of Biomolecular Screening</i> , 2006, 11, 75-81.	2.6	8
21	Structural Cues for Understanding eEF1A2 Moonlighting. <i>ChemBioChem</i> , 2021, 22, 374-391.	1.3	8
22	Bioconjugation through Mesitylene Thiol Alkylation. <i>Bioconjugate Chemistry</i> , 2018, 29, 1199-1208.	1.8	5
23	Development of an <i>Aspergillus fumigatus</i> Cell-Free Protein Synthesis Assay. <i>Analytical Biochemistry</i> , 2000, 280, 320-322.	1.1	2
24	Identification of Two Tryptophan Residues in Endoglucanase III from <i>Trichoderma reesei</i> Essential for Cellulose Binding and Catalytic Activity. <i>ACS Symposium Series</i> , 1996, , 164-173.	0.5	1
25	Kinetic Considerations on the Development of Binding Assays in Single-Addition Mode: Application to the Search for $\hat{\pm}2\hat{1}$ Modulators. <i>Journal of Biomolecular Screening</i> , 2012, 17, 1041-1049.	2.6	1
26	Abstract 2480: MI130004, a new antibody-drug conjugate, induces strong, long-lasting antitumor effect in HER2 expressing breast tumor models. , 2015, , .		1
27	Abstract 2906: eEF1A2 interacts with and inhibits PKR to enhance cancer cell survival. , 2018, , .		0