

# Maria Pilar Domingo

## List of Publications by Year in descending order

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18  
papers

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citations

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#	ARTICLE	IF	CITATIONS
1	Integration of In Silico and In Vitro Analysis of Gliotoxin Production Reveals a Narrow Range of Producing Fungal Species. <i>Journal of Fungi</i> (Basel, Switzerland), 2022, 8, 361.	1.5	2
2	In Vitro and In Vivo Antibacterial Activity of Gliotoxin Alone and in Combination with Antibiotics against <i>Staphylococcus aureus</i> . <i>Toxins</i> , 2021, 13, 85.	1.5	12
3	Intracellular Delivery of Biologically-Active Fungal Metabolite Gliotoxin Using Magnetic Nanoparticles. <i>Materials</i> , 2019, 12, 1092.	1.3	4
4	Preparations for Invasion: Modulation of Host Lung Immunity During Pulmonary Aspergillosis by Gliotoxin and Other Fungal Secondary Metabolites. <i>Frontiers in Immunology</i> , 2018, 9, 2549.	2.2	41
5	Production of the Invasive Aspergillosis Biomarker Bis(methylthio)gliotoxin Within the Genus <i>Aspergillus</i> : In Vitro and in Vivo Metabolite Quantification and Genomic Analysis. <i>Frontiers in Microbiology</i> , 2018, 9, 1246.	1.5	10
6	Disseminated aspergillosis in an immunocompetent patient with detectable bis(methylthio)gliotoxin and negative galactomannan. <i>Revista Iberoamericana De Micología</i> , 2017, 34, 49-52.	0.4	5
7	A Functional Analysis on the Interspecies Interaction between Mouse LFA-1 and Human Intercellular Adhesion Molecule-1 at the Cell Level. <i>Frontiers in Immunology</i> , 2017, 8, 1817.	2.2	11
8	Clinical validity of bis(methylthio)gliotoxin for the diagnosis of invasive aspergillosis. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 2327-2334.	1.7	28
9	The effect of acidic pH on the inhibitory efficacy of peptides against the interaction ICAM-1/LFA-1 studied by surface plasmon resonance (SPR). <i>Biosensors and Bioelectronics</i> , 2014, 56, 159-166.	5.3	6
10	FRET Based Quantification and Screening Technology Platform for the Interactions of Leukocyte Function-Associated Antigen-1 (LFA-1) with InterCellular Adhesion Molecule-1 (ICAM-1). <i>PLoS ONE</i> , 2014, 9, e102572.	1.1	15
11	Blinking effect and the use of quantum dots in single molecule spectroscopy. <i>Biochemical and Biophysical Research Communications</i> , 2013, 430, 260-264.	1.0	15
12	Recombinant production of human ICAM-1 chimeras by single step on column refolding and purification. <i>Process Biochemistry</i> , 2013, 48, 708-715.	1.8	6
13	Bis(methyl)gliotoxin proves to be a more stable and reliable marker for invasive aspergillosis than gliotoxin and suitable for use in diagnosis. <i>Diagnostic Microbiology and Infectious Disease</i> , 2012, 73, 57-64.	0.8	45
14	Fluorescence detection by intensity changes for high-performance thin-layer chromatography separation of lipids using automated multiple development. <i>Journal of Chromatography A</i> , 2011, 1218, 2668-2675.	1.8	21
15	Berberine: A Fluorescent Alkaloid with a Variety of Applications from Medicine to Chemistry. <i>Mini-Reviews in Organic Chemistry</i> , 2010, 7, 335-340.	0.6	26
16	Enhancement of Fluorescence in Thin-Layer Chromatography Induced by the Interaction between n-Alkanes and an Organic Cation. <i>Analytical Chemistry</i> , 2000, 72, 1759-1766.	3.2	45
17	Berberine Cation: A Fluorescent Chemosensor for Alkanes and Other Low-Polarity Compounds. An Explanation of This Phenomenon. <i>Organic Letters</i> , 2000, 2, 2311-2313.	2.4	30
18	Quantitative Applications of Fluorescence and Ultraviolet Scanning Densitometry for Compositional Analysis of Petroleum Products in Thin-Layer Chromatography. <i>Journal of Chromatographic Science</i> , 1999, 37, 219-226.	0.7	32