

# J Iñaki Guijarro

## List of Publications by Year in descending order

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33  
papers

2,344  
citations

331670

21  
h-index

395702

33  
g-index

34  
all docs

34  
docs citations

34  
times ranked

2742  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cryo-electron microscopy structure of an SH3 amyloid fibril and model of the molecular packing. EMBO Journal, 1999, 18, 815-821.	7.8	487
2	Hydrophobins—Unique Fungal Proteins. PLoS Pathogens, 2012, 8, e1002700.	4.7	252
3	Dependence on solution conditions of aggregation and amyloid formation by an SH3 domain. Journal of Molecular Biology, 2001, 311, 325-340.	4.2	208
4	The Folding Kinetics and Thermodynamics of the Fyn-SH3 Domain. Biochemistry, 1998, 37, 2529-2537.	2.5	152
5	Preparation and Characterization of Purified Amyloid Fibrils. Journal of the American Chemical Society, 2001, 123, 8141-8142.	13.7	128
6	Chemical Structure and Translation Inhibition Studies of the Antibiotic Microcin C7. Journal of Biological Chemistry, 1995, 270, 23520-23532.	3.4	126
7	Folding kinetics of the SH3 domain of PI3 kinase by real-time NMR combined with optical spectroscopy. Journal of Molecular Biology, 1998, 276, 657-667.	4.2	126
8	RTX Calcium Binding Motifs Are Intrinsically Disordered in the Absence of Calcium. Journal of Biological Chemistry, 2009, 284, 1781-1789.	3.4	123
9	Role of Hydrophobins in Aspergillus fumigatus. Journal of Fungi (Basel, Switzerland), 2018, 4, 2.	3.5	93
10	Evidence concerning rate-limiting steps in protein folding from the effects of trifluoroethanol. Nature Structural Biology, 2000, 7, 58-61.	9.7	67
11	Characterization of the Regions Involved in the Calcium-Induced Folding of the Intrinsically Disordered RTX Motifs from the Bordetella pertussis Adenylate Cyclase Toxin. Journal of Molecular Biology, 2010, 397, 534-549.	4.2	61
12	Protein folding intermediates with rapidly exchangeable amide protons contain authentic hydrogen-bonded secondary structures. Biochemistry, 1995, 34, 2998-3008.	2.5	58
13	Calmodulin-Induced Conformational and Hydrodynamic Changes in the Catalytic Domain of <i>Bordetella pertussis</i> Adenylate Cyclase Toxin. Biochemistry, 2010, 49, 318-328.	2.5	49
14	Synthesis and characterization of Pi4, a scorpion toxin from Pandinus imperator that acts on K <sup>+</sup> channels. FEBS Journal, 2003, 270, 3583-3592.	0.2	41
15	A novel archaeal regulatory protein, Sta1, activates transcription from viral promoters. Nucleic Acids Research, 2006, 34, 4837-4845.	14.5	38
16	A new type of scorpion Na <sup>+</sup> -channel-toxin-like polypeptide active on K <sup>+</sup> channels. Biochemical Journal, 2005, 388, 455-464.	3.7	35
17	Structure, Function, and Targets of the Transcriptional Regulator SvtR from the Hyperthermophilic Archaeal Virus SIRV1. Journal of Biological Chemistry, 2009, 284, 22222-22237.	3.4	34
18	The "pre-molten globule," a new intermediate in protein folding. The Protein Journal, 1997, 16, 433-439.	1.1	33

#	ARTICLE	IF	CITATIONS
19	Assembly and disassembly of <i>Aspergillus fumigatus</i> conidial rodlets. <i>Cell Surface</i> , 2019, 5, 100023.	3.0	30
20	The puzzling construction of the conidial outer layer of <i>Aspergillus fumigatus</i> . <i>Cellular Microbiology</i> , 2019, 21, e12994.	2.1	30
21	Calcium-dependent disorder-to-order transitions are central to the secretion and folding of the CyaA toxin of <i>Bordetella pertussis</i> , the causative agent of whooping cough. <i>Toxicon</i> , 2018, 149, 37-44.	1.6	29
22	Assistance of Maltose Binding Protein to the in Vivo Folding of the Disulfide-Rich C-Terminal Fragment from <i>Plasmodium falciparum</i> Merozoite Surface Protein 1 Expressed in <i>Escherichia coli</i> . <i>Biochemistry</i> , 2003, 42, 13202-13211.	2.5	19
23	Diversity and junction residues as hotspots of binding energy in an antibody neutralizing the dengue virus. <i>FEBS Journal</i> , 2006, 273, 34-46.	4.7	19
24	Probing Structural Changes during Self-assembly of Surface-Active Hydrophobin Proteins that Form Functional Amyloids in Fungi. <i>Journal of Molecular Biology</i> , 2018, 430, 3784-3801.	4.2	19
25	Structure and Dynamics of the Anticodon Arm Binding Domain of <i>Bacillus stearotherophilus</i> Tyrosyl-tRNA Synthetase. <i>Structure</i> , 2002, 10, 311-317.	3.3	16
26	<sup>1</sup> H, <sup>13</sup> C and <sup>15</sup> N resonance assignments of the RodA hydrophobin from the opportunistic pathogen <i>Aspergillus fumigatus</i> . <i>Biomolecular NMR Assignments</i> , 2015, 9, 113-118.	0.8	16
27	Solution structure of Pi4, a short four-disulfide-bridged scorpion toxin specific of potassium channels. <i>Protein Science</i> , 2003, 12, 1844-1854.	7.6	13
28	Solution Structure of an Archaeal DNA Binding Protein with an Eukaryotic Zinc Finger Fold. <i>PLoS ONE</i> , 2013, 8, e52908.	2.5	11
29	The Role of RodA-Conserved Cysteine Residues in the <i>Aspergillus fumigatus</i> Conidial Surface Organization. <i>Journal of Fungi (Basel, Switzerland)</i> , 2020, 6, 151.	3.5	9
30	Differential Interactions of Serum and Bronchoalveolar Lavage Fluid Complement Proteins with Conidia of Airborne Fungal Pathogen <i>Aspergillus fumigatus</i> . <i>Infection and Immunity</i> , 2020, 88, .	2.2	9
31	Complement-Mediated Differential Immune Response of Human Macrophages to <i>Sporothrix</i> Species Through Interaction With Their Cell Wall Peptidoglycan Mannans. <i>Frontiers in Immunology</i> , 2021, 12, 749074.	4.8	9
32	New Insights for Native Production of MSP119, the Disulfide-Rich C-Terminal Fragment from <i>Plasmodium falciparum</i> Merozoite Surface Protein 1. <i>PLoS ONE</i> , 2013, 8, e57086.	2.5	3
33	Identification of Chemical Probes Targeting MBD2. <i>ACS Chemical Biology</i> , 2022, 17, 1415-1426.	3.4	1