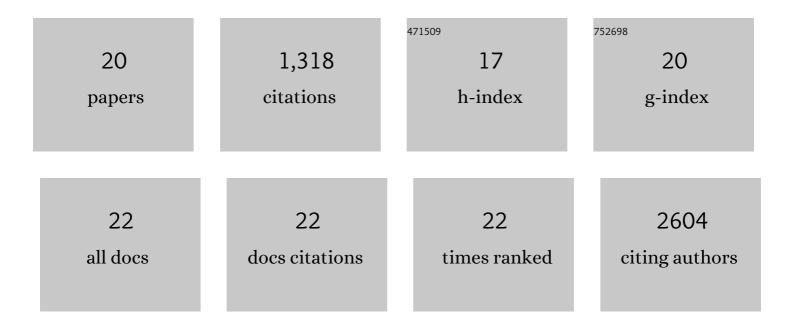
Ernesto Arias-Palomo

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Characterization of SMG-9, an essential component of the nonsense-mediated mRNA decay SMG1C complex. Nucleic Acids Research, 2011, 39, 347-358.	14.5	384
2	Structure of Epac2 in complex with a cyclic AMP analogue and RAP1B. Nature, 2008, 455, 124-127.	27.8	155
3	The Bacterial DnaC Helicase Loader Is a DnaB Ring Breaker. Cell, 2013, 153, 438-448.	28.9	89
4	The nonsense-mediated mRNA decay SMC-1 kinase is regulated by large-scale conformational changes controlled by SMG-8. Genes and Development, 2011, 25, 153-164.	5.9	72
5	Structure of TOR and Its Complex with KOG1. Molecular Cell, 2007, 27, 509-516.	9.7	69
6	Two RNA-binding motifs in eIF3 direct HCV IRES-dependent translation. Nucleic Acids Research, 2013, 41, 7512-7521.	14.5	64
7	Architecture of the Pontin/Reptin Complex, Essential in the Assembly of Several Macromolecular Complexes. Structure, 2008, 16, 1511-1520.	3.3	63
8	Nucleotide and Partner-Protein Control of Bacterial Replicative Helicase Structure and Function. Molecular Cell, 2013, 52, 844-854.	9.7	57
9	Physical Basis for the Loading of a Bacterial Replicative Helicase onto DNA. Molecular Cell, 2019, 74, 173-184.e4.	9.7	49
10	Molecular architecture and activation of the insecticidal protein Vip3Aa from Bacillus thuringiensis. Nature Communications, 2020, 11, 3974.	12.8	44
11	Global conformational rearrangements during the activation of the GDP/GTP exchange factor Vav3. EMBO Journal, 2005, 24, 1330-1340.	7.8	41
12	Structural and functional characterization of the Spo11 core complex. Nature Structural and Molecular Biology, 2021, 28, 92-102.	8.2	41
13	An Atypical AAA+ ATPase Assembly Controls Efficient Transposition through DNA Remodeling and Transposase Recruitment. Cell, 2015, 162, 860-871.	28.9	38
14	Biochemical Characterization of the Transcriptional Regulator BzdR from Azoarcus sp. CIB. Journal of Biological Chemistry, 2010, 285, 35694-35705.	3.4	33
15	Characterization of Aspergillus nidulansÂTRAPPs uncovers unprecedented similarities between fungi and metazoans and reveals the modular assembly of TRAPPII. PLoS Genetics, 2019, 15, e1008557.	3.5	25
16	Electron microscopy of Xrcc4 and the DNA ligase IV–Xrcc4 DNA repair complex. DNA Repair, 2009, 8, 1380-1389.	2.8	24
17	3D structure of Syk kinase determined by single-particle electron microscopy. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2007, 1774, 1493-1499.	2.3	21
18	A new protein carrying an NmrA-like domain is required for cell differentiation and development in Dictyostelium discoideum. Developmental Biology, 2008, 321, 331-342.	2.0	19

#	Article	IF	CITATIONS
19	Conformational rearrangements upon Syk auto-phosphorylation. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2009, 1794, 1211-1217.	2.3	19
20	The type V myosin-containing complex HUM is a RAB11 effector powering movement of secretory vesicles. IScience, 2022, 25, 104514.	4.1	6