

Ernesto Arias-Palomo

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3691626/publications.pdf>

Version: 2024-02-01

20
papers

1,318
citations

471509

17
h-index

752698

20
g-index

22
all docs

22
docs citations

22
times ranked

2604
citing authors

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

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