

AmÃ©dÃ©e des Georges

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7039160/publications.pdf>

Version: 2024-02-01

30
papers

2,401
citations

393982

19
h-index

552369

26
g-index

37
all docs

37
docs citations

37
times ranked

3659
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure of a mammalian ryanodine receptor. <i>Nature</i> , 2015, 517, 44-49.	13.7	350
2	Structural Basis for Gating and Activation of RyR1. <i>Cell</i> , 2016, 167, 145-157.e17.	13.5	301
3	Routine single particle CryoEM sample and grid characterization by tomography. <i>ELife</i> , 2018, 7, .	2.8	216
4	Structure of mammalian eIF3 in the context of the 43S preinitiation complex. <i>Nature</i> , 2015, 525, 491-495.	13.7	204
5	Structure of the Mammalian Ribosomal 43S Preinitiation Complex Bound to the Scanning Factor DHX29. <i>Cell</i> , 2013, 153, 1108-1119.	13.5	197
6	Hepatitis-C-virus-like internal ribosome entry sites displace eIF3 to gain access to the 40S subunit. <i>Nature</i> , 2013, 503, 539-543.	13.7	158
7	Structure of an endosomal signaling GPCRâ€“G proteinâ€“Î²-arrestin megacomplex. <i>Nature Structural and Molecular Biology</i> , 2019, 26, 1123-1131.	3.6	139
8	High-resolution cryo-electron microscopy structure of the <i>Trypanosoma brucei</i> ribosome. <i>Nature</i> , 2013, 494, 385-389.	13.7	122
9	Ryanodine Receptor Structure and Function in Health and Disease. <i>Sub-Cellular Biochemistry</i> , 2018, 87, 329-352.	1.0	104
10	Cryo-EM structure of the human ferritinâ€“transferrin receptor 1 complex. <i>Nature Communications</i> , 2019, 10, 1121.	5.8	100
11	Mal3, the <i>Schizosaccharomyces pombe</i> homolog of EB1, changes the microtubule lattice. <i>Nature Structural and Molecular Biology</i> , 2008, 15, 1102-1108.	3.6	99
12	Retrieving functional pathways of biomolecules from single-particle snapshots. <i>Nature Communications</i> , 2020, 11, 4734.	5.8	76
13	Effect of Envelope Proteins on the Mechanical Properties of Influenza Virus. <i>Journal of Biological Chemistry</i> , 2012, 287, 41078-41088.	1.6	63
14	Structure of the mammalian ribosomal pre-termination complex associated with eRF1â€“eRF3â€“GDPNP. <i>Nucleic Acids Research</i> , 2014, 42, 3409-3418.	6.5	63
15	Affinity grid-based cryo-EM of PKC binding to RACK1 on the ribosome. <i>Journal of Structural Biology</i> , 2013, 181, 190-194.	1.3	30
16	Humanized archaeal ferritin as a tool for cell targeted delivery. <i>Nanoscale</i> , 2017, 9, 647-655.	2.8	29
17	Viral Entry Properties Required for Fitness in Humans Are Lost through Rapid Genomic Change during Viral Isolation. <i>MBio</i> , 2018, 9, .	1.8	27
18	Structure of the cell-binding component of the <i>Clostridium difficile</i> binary toxin reveals a di-heptamer macromolecular assembly. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 1049-1058.	3.3	23

#	ARTICLE	IF	CITATIONS
19	Engineered ferritin for lanthanide binding. PLoS ONE, 2018, 13, e0201859.	1.1	22
20	Mechanisms of opening and closing of the bacterial replicative helicase. ELife, 2018, 7, .	2.8	16
21	Human parainfluenza virus fusion complex glycoproteins imaged in action on authentic viral surfaces. PLoS Pathogens, 2020, 16, e1008883.	2.1	12
22	Cryo-EM Structure of Mechanosensitive Channel Ynal Using SMA2000: Challenges and Opportunities. Membranes, 2021, 11, 849.	1.4	10
23	The Influenza Virus Mechanical Properties Are Dominated By Its Lipid Envelope. Biophysical Journal, 2009, 96, 15a.	0.2	7
24	High-resolution Cryo-EM Structure of the Trypanosoma brucei Ribosome: A Case Study. Applied and Numerical Harmonic Analysis, 2014, , 97-132.	0.1	2
25	Investigating gating mechanisms of ion channels using temperature-resolved cryoEM. Microscopy and Microanalysis, 2021, 27, 1690-1694.	0.2	1
26	Structure of the Mammalian Ribosomal 43S Preinitiation Complex Bound to the Scanning Factor DHX29. Biophysical Journal, 2014, 106, 492a.	0.2	0
27	Functional Study of the Ryanodine Receptor Type 1 using Cryo-Electron Microscopy. Biophysical Journal, 2017, 112, 335a.	0.2	0
28	CryoET of Single Particle CryoEM Grids Reveals Widespread Particle Adsorption to the Air-Water Interface, Which May be Reduced with New Plunging Techniques. Microscopy and Microanalysis, 2018, 24, 872-873.	0.2	0
29	Structural Basis for Gating and Activation of RyR1. journal of hand surgery Asian-Pacific volume, The, 2018, , 497-515.	0.2	0
30	High-resolution cryo-electron microscopy structure of the Trypanosoma brucei ribosome. journal of hand surgery Asian-Pacific volume, The, 2018, , 456-462.	0.2	0