AmÃ©dÃ©e des Georges

List of Publications by Year
in descending order

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	Investigating gating mechanisms of ion channels using temperature-resolved cryoEM. Microscopy and Microanalysis, 2021, 27, 1690-1694.	0.2	1
2	Cryo-EM Structure of Mechanosensitive Channel YnaI Using SMA2000: Challenges and Opportunities. Membranes, 2021, 11, 849.	1.4	10
3	Human parainfluenza virus fusion complex glycoproteins imaged in action on authentic viral surfaces. PLoS Pathogens, 2020, 16, e1008883.	2.1	12
4	Retrieving functional pathways of biomolecules from single-particle snapshots. Nature Communications, 2020, 11, 4734.	5.8	76
5	Structure of the cell-binding component of the Clostridium difficile binary toxin reveals a di-heptamer macromolecular assembly. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 1049-1058.	3.3	23
6	Cryo-EM structure of the human ferritinâ€“transferrin receptor 1 complex. Nature Communications, 2019, 10, 1121.	5.8	100
7	Structure of an endosomal signaling GPCRâ€“G proteinâ€“Î²-arrestin megacomplex. Nature Structural and Molecular Biology, 2019, 26, 1123-1131.	3.6	139
8	Ryanodine Receptor Structure and Function in Health and Disease. Sub-Cellular Biochemistry, 2018, 87, 329-352.	1.0	104
9	Viral Entry Properties Required for Fitness in Humans Are Lost through Rapid Genomic Change during Viral Isolation. MBio, 2018, 9, .	1.8	27
10	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
11	Engineered ferritin for lanthanide binding. PLoS ONE, 2018, 13, e0201859.	1.1	22
12	Routine single particle CryoEM sample and grid characterization by tomography. ELife, 2018, 7, .	2.8	216
13	Mechanisms of opening and closing of the bacterial replicative helicase. ELife, 2018, 7, .	2.8	16
14	Structural Basis for Gating and Activation of RyR1. journal of hand surgery Asian-Pacific volume, The, 2018, , 497-515.	0.2	0
15	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
16	Humanized archaeal ferritin as a tool for cell targeted delivery. Nanoscale, 2017, 9, 647-655.	2.8	29
17	Functional Study of the Ryanodine Receptor Type 1 using Cryo-Electron Microscopy. Biophysical Journal, 2017, 112, 335a.	0.2	0
18	Structural Basis for Gating and Activation of RyR1. Cell, 2016, 167, 145-157.e17.	13.5	301

#	Article	IF	Citations
19	Structure of mammalian eIF3 in the context of the 43S preinitiation complex. Nature, 2015, 525, 491-495.	13.7	204
20	Structure of a mammalian ryanodine receptor. Nature, 2015, 517, 44-49.	13.7	350
21	Structure of the mammalian ribosomal pre-termination complex associated with eRF1â€¢eRF3â€¢GDPNP. Nucleic Acids Research, 2014, 42, 3409-3418.	6.5	63
22	Structure of the Mammalian Ribosomal 43S Preinitiation Complex Bound to the Scanning Factor DHX29. Biophysical Journal, 2014, 106, 492a.	0.2	0
23	High-resolution Cryo-EM Structure of the Trypanosoma brucei Ribosome: A Case Study. Applied and Numerical Harmonic Analysis, 2014, , 97-132.	0.1	2
24	Hepatitis-C-virus-like internal ribosome entry sites displace eIF3 to gain access to the 40S subunit. Nature, 2013, 503, 539-543.	13.7	158
25	Affinity grid-based cryo-EM of PKC binding to RACK1 on the ribosome. Journal of Structural Biology, 2013, 181, 190-194.	1.3	30
26	High-resolution cryo-electron microscopy structure of the Trypanosoma brucei ribosome. Nature, 2013, 494, 385-389.	13.7	122
27	Structure of the Mammalian Ribosomal 43S Preinitiation Complex Bound to the Scanning Factor DHX29. Cell, 2013, 153, 1108-1119.	13.5	197
28	Effect of Envelope Proteins on the Mechanical Properties of Influenza Virus. Journal of Biological Chemistry, 2012, 287, 41078-41088.	1.6	63
29	The Influenza Virus Mechanical Properties Are Dominated By Its Lipid Envelope. Biophysical Journal, 2009, 96, 15a.	0.2	7
30	Mal3, the Schizosaccharomyces pombe homolog of EB1, changes the microtubule lattice. Nature Structural and Molecular Biology, 2008, 15, 1102-1108.	3.6	99