Celia Plisson-Chastang

List of Publications by Year
in descending order

23	1,542	471371 17	677027 22
papers	citations	h-index	g-index

26	26	26	2155
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	An overview of preâ€ribosomal <scp>RNA</scp> processing in eukaryotes. Wiley Interdisciplinary Reviews RNA, 2015, 6, 225-242.	3.2	468
2	Structural Characterization of HC-Pro, a Plant Virus Multifunctional Protein. Journal of Biological Chemistry, 2003, 278, 23753-23761.	1.6	143
3	Structure of bacteriophage SPP1 tail reveals trigger for DNA ejection. EMBO Journal, 2007, 26, 3720-3728.	3.5	120
4	The structure of p53 tumour suppressor protein reveals the basis for its functional plasticity. EMBO Journal, 2006, 25, 5191-5200.	3.5	113
5	Atypical AAA+ Subunit Packing Creates an Expanded Cavity for Disaggregation by the Protein-Remodeling Factor Hsp104. Cell, 2007, 131, 1366-1377.	13.5	107
6	Characterization of the lipid envelope of exosome encapsulated HEV particles protected from the immune response. Biochimie, 2017, 141, 70-79.	1.3	98
7	Motor Mechanism for Protein Threading through Hsp104. Molecular Cell, 2009, 34, 81-92.	4.5	84
8	Structure of the Mature P3-virus Particle Complex of Cauliflower Mosaic Virus Revealed by Cryo-electron Microscopy. Journal of Molecular Biology, 2005, 346, 267-277.	2.0	63
9	Structural Insights into the Molecular Mechanisms of Cauliflower Mosaic Virus Transmission by Its Insect Vector. Journal of Virology, 2010, 84, 4706-4713.	1.5	45
10	Structure of a human pre-40S particle points to a role for RACK1 in the final steps of 18S rRNA processing. Nucleic Acids Research, 2016, 44, 8465-8478.	6.5	44
11	Conformational proofreading of distant 40S ribosomal subunit maturation events by a long-range communication mechanism. Nature Communications, 2019, 10, 2754.	5.8	40
12	Maturation of preâ€40S particles in yeast and humans. Wiley Interdisciplinary Reviews RNA, 2019, 10, e1516.	3.2	38
13	Post-mitotic dynamics of pre-nucleolar bodies is driven by pre-ribosomal RNA processing. Journal of Cell Science, 2012, 125, 4532-42.	1.2	23
14	Synthesis, Function, and Heterogeneity of snoRNA-Guided Posttranscriptional Nucleoside Modifications in Eukaryotic Ribosomal RNAs. The Enzymes, 2017, 41, 169-213.	0.7	23
15	The Npa1p complex chaperones the assembly of the earliest eukaryotic large ribosomal subunit precursor. PLoS Genetics, 2018, 14, e1007597.	1.5	23
16	The final step of 40S ribosomal subunit maturation is controlled by a dual key lock. ELife, 2021, 10, .	2.8	23
17	Probing small ribosomal subunit RNA helix 45 acetylation across eukaryotic evolution. Nucleic Acids Research, 2022, 50, 6284-6299.	6.5	21
18	Two-dimensional structures of the Shiga toxin B-subunit and of a chimera bound to the glycolipid receptor Gb3. Journal of Structural Biology, 2002, 139, 113-121.	1.3	20

#	Article	IF	Citations
19	The Rio1p ATPase hinders premature entry into translation of late pre-40S pre-ribosomal particles. Nucleic Acids Research, 2017, 45, 10824-10836.	6.5	20
20	Good Vibrations: Structural Remodeling of Maturing Yeast Pre-40S Ribosomal Particles Followed by Cryo-Electron Microscopy. Molecules, 2020, 25, 1125.	1.7	16
21	Probing the organization of fulvic acid using a cationic surfactant. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2016, 504, 252-259.	2.3	7
22	Complexes of humic acid with cationic surfactants support the supramolecular view of extracted humic matter. Environmental Chemistry, 2021, 18, 156-167.	0.7	3
23	Ribosomal 60S-subunit production: the final scene. Nature Structural and Molecular Biology, 2015, 22, 837-838.	3.6	0