

Elisabetta Viani Puglisi

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

550
citations

759233

12
h-index

888059

17
g-index

17
all docs

17
docs citations

17
times ranked

844
citing authors

#	ARTICLE	IF	CITATIONS
1	Rapid purification of RNAs using fast performance liquid chromatography (FPLC). <i>Rna</i> , 2006, 13, 289-294.	3.5	90
2	Purification and characterization of transcribed RNAs using gel filtration chromatography. <i>Nature Protocols</i> , 2007, 2, 3270-3277.	12.0	88
3	HIV-1 A-rich RNA loop mimics the tRNA anticodon structure. <i>Nature Structural Biology</i> , 1998, 5, 1033-1036.	9.7	62
4	RNA Purification by Preparative Polyacrylamide Gel Electrophoresis. <i>Methods in Enzymology</i> , 2013, 530, 315-330.	1.0	55
5	De novo computational RNA modeling into cryo-EM maps of large ribonucleoprotein complexes. <i>Nature Methods</i> , 2018, 15, 947-954.	19.0	45
6	Architecture of an HIV-1 reverse transcriptase initiation complex. <i>Nature</i> , 2018, 557, 118-122.	27.8	44
7	Single-Molecule Fluorescence Applied to Translation. <i>Cold Spring Harbor Perspectives in Biology</i> , 2019, 11, a032714.	5.5	26
8	Secondary Structure of the HIV Reverse Transcription Initiation Complex by NMR. <i>Journal of Molecular Biology</i> , 2011, 410, 863-874.	4.2	23
9	Relating Structure and Dynamics in RNA Biology. <i>Cold Spring Harbor Perspectives in Biology</i> , 2019, 11, a032474.	5.5	21
10	High-resolution view of HIV-1 reverse transcriptase initiation complexes and inhibition by NNRTI drugs. <i>Nature Communications</i> , 2021, 12, 2500.	12.8	19
11	Amino acid sequence repertoire of the bacterial proteome and the occurrence of untranslatable sequences. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 7166-7170.	7.1	15
12	The molecular choreography of protein synthesis: translational control, regulation, and pathways. <i>Quarterly Reviews of Biophysics</i> , 2016, 49, e11.	5.7	14
13	Heterogeneous structures formed by conserved RNA sequences within the HIV reverse transcription initiation site. <i>Rna</i> , 2016, 22, 1689-1698.	3.5	13
14	Probing the conformation of human tRNA ³ Lys in solution by NMR. <i>FEBS Letters</i> , 2007, 581, 5307-5314.	2.8	12
15	Dynamic Interplay of RNA and Protein in the Human Immunodeficiency Virus-1 Reverse Transcription Initiation Complex. <i>Journal of Molecular Biology</i> , 2018, 430, 5137-5150.	4.2	11
16	Advances in understanding the initiation of HIV-1 reverse transcription. <i>Current Opinion in Structural Biology</i> , 2020, 65, 175-183.	5.7	7
17	Distinct Conformational States Underlie Pausing during Initiation of HIV-1 Reverse Transcription. <i>Journal of Molecular Biology</i> , 2020, 432, 4499-4522.	4.2	5