

# Andrea A Putnam

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1429993/publications.pdf>

Version: 2024-02-01

19  
papers

1,367  
citations

566801

15  
h-index

752256

20  
g-index

25  
all docs

25  
docs citations

25  
times ranked

1782  
citing authors

#	ARTICLE	IF	CITATIONS
1	Angiogenin-Cleaved tRNA Halves Interact with Cytochrome <i>c</i> , Protecting Cells from Apoptosis during Osmotic Stress. <i>Molecular and Cellular Biology</i> , 2014, 34, 2450-2463.	1.1	236
2	ATP hydrolysis is required for DEAD-box protein recycling but not for duplex unwinding. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 20209-20214.	3.3	213
3	A gel phase promotes condensation of liquid P granules in <i>Caenorhabditis elegans</i> embryos. <i>Nature Structural and Molecular Biology</i> , 2019, 26, 220-226.	3.6	184
4	DEAD-box helicases as integrators of RNA, nucleotide and protein binding. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2013, 1829, 884-893.	0.9	164
5	Regulation of biomolecular condensates by interfacial protein clusters. <i>Science</i> , 2021, 373, 1218-1224.	6.0	104
6	Recruitment of mRNAs to P granules by condensation with intrinsically-disordered proteins. <i>ELife</i> , 2020, 9, .	2.8	96
7	Division of Labor in an Oligomer of the DEAD-Box RNA Helicase Ded1p. <i>Molecular Cell</i> , 2015, 59, 541-552.	4.5	60
8	Coupling between the DEAD-box RNA helicases Ded1p and eIF4A. <i>ELife</i> , 2016, 5, .	2.8	55
9	DEAD-Box Helicases Form Nucleotide-Dependent, Long-Lived Complexes with RNA. <i>Biochemistry</i> , 2014, 53, 423-433.	1.2	43
10	Biochemical Differences and Similarities between the DEAD-Box Helicase Orthologs DDX3X and Ded1p. <i>Journal of Molecular Biology</i> , 2017, 429, 3730-3742.	2.0	36
11	Duplex Unwinding with DEAD-Box Proteins. <i>Methods in Molecular Biology</i> , 2009, 587, 245-264.	0.4	34
12	AMP Sensing by DEAD-Box RNA Helicases. <i>Journal of Molecular Biology</i> , 2013, 425, 3839-3845.	2.0	28
13	A comparative study of small molecules targeting eIF4A. <i>Rna</i> , 2020, 26, 541-549.	1.6	27
14	An Arabidopsis ATP-Dependent, DEAD-Box RNA Helicase Loses Activity upon IsoAsp Formation but Is Restored by PROTEIN ISOASPARTYL METHYLTRANSFERASE. <i>Plant Cell</i> , 2013, 25, 2573-2586.	3.1	25
15	Mutational analysis of the yeast RNA helicase Sub2p reveals conserved domains required for growth, mRNA export, and genomic stability. <i>Rna</i> , 2013, 19, 1363-1371.	1.6	21
16	Protein-based condensation mechanisms drive the assembly of RNA-rich P granules. <i>ELife</i> , 2021, 10, .	2.8	16
17	G-quadruplex DNA inhibits unwinding activity but promotes liquid-liquid phase separation by the DEAD-box helicase Ded1p. <i>Chemical Communications</i> , 2021, 57, 7445-7448.	2.2	9
18	Analysis of Duplex Unwinding by RNA Helicases Using Stopped-Flow Fluorescence Spectroscopy. <i>Methods in Enzymology</i> , 2012, 511, 1-27.	0.4	8

#	ARTICLE	IF	CITATIONS
19	Cell-free reconstitution of multi-condensate assemblies. <i>Methods in Enzymology</i> , 2021, 646, 83-113.	0.4	3