

# Yoav S Arava

## List of Publications by Year in descending order

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39  
papers

1,837  
citations

430874

18  
h-index

302126

39  
g-index

42  
all docs

42  
docs citations

42  
times ranked

2287  
citing authors

#	ARTICLE	IF	CITATIONS
1	Co-transport of the nuclear-encoded <i>Cox7c</i> mRNA with mitochondria along axons occurs through a coding-region-dependent mechanism. <i>Journal of Cell Science</i> , 2022, 135, .	2.0	10
2	Pseudouridine-mediated translation control of mRNA by methionine aminoacyl tRNA synthetase. <i>Nucleic Acids Research</i> , 2021, 49, 432-443.	14.5	31
3	RNA modifications as a common denominator between tRNA and mRNA. <i>Current Genetics</i> , 2021, 67, 545-551.	1.7	7
4	Comprehensive characterization of mRNAs associated with yeast cytosolic aminoacyl-tRNA synthetases. <i>RNA Biology</i> , 2021, 18, 1-12.	3.1	9
5	Phage biology: Stuck with dU. <i>Current Biology</i> , 2021, 31, R898-R900.	3.9	1
6	RNA mimicry in post-transcriptional regulation by aminoacyl tRNA synthetases. <i>Wiley Interdisciplinary Reviews RNA</i> , 2020, 11, e1564.	6.4	12
7	Expanding the CRISPR/Cas9 Toolbox for Gene Engineering in <i>S. cerevisiae</i> . <i>Current Microbiology</i> , 2020, 77, 468-478.	2.2	14
8	Localization and RNA Binding of Mitochondrial Aminoacyl tRNA Synthetases. <i>Genes</i> , 2020, 11, 1185.	2.4	12
9	Neuronal upregulation of Prospero protein is driven by alternative mRNA polyadenylation and Syncrip-mediated mRNA stabilisation. <i>Biology Open</i> , 2020, 9, .	1.2	14
10	CytoCensus, mapping cell identity and division in tissues and organs using machine learning. <i>ELife</i> , 2020, 9, .	6.0	16
11	Distinct RNA-binding modules in a single PUF protein cooperate to determine RNA specificity. <i>Nucleic Acids Research</i> , 2019, 47, 8770-8784.	14.5	9
12	mRNA association by aminoacyl tRNA synthetase occurs at a putative anticodon mimic and autoregulates translation in response to tRNA levels. <i>PLoS Biology</i> , 2019, 17, e3000274.	5.6	37
13	Characterization of Factors Involved in Localized Translation Near Mitochondria by Ribosome-Proximity Labeling. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 305.	3.7	37
14	The extent of ribosome queuing in budding yeast. <i>PLoS Computational Biology</i> , 2018, 14, e1005951.	3.2	55
15	Identification and characterization of roles for Puf1 and Puf2 proteins in the yeast response to high calcium. <i>Scientific Reports</i> , 2017, 7, 3037.	3.3	15
16	Novel RNA-Binding Proteins Isolation by the RaPID Methodology. <i>Journal of Visualized Experiments</i> , 2016, . .	0.3	0
17	The elongation factor eEF3 (Yef3) interacts with mRNA in a translation independent manner. <i>BMC Molecular Biology</i> , 2015, 16, 17.	3.0	9
18	Overexpression of eukaryotic initiation factor 5 rescues the translational defect of <i>tpk1<sup>w</sup></i> in a manner that necessitates a novel phosphorylation site. <i>FEBS Journal</i> , 2015, 282, 504-520.	4.7	6

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19	Localized translation near the mitochondrial outer membrane: An update. <i>RNA Biology</i> , 2015, 12, 801-809.	3.1	130
20	OM14 is a mitochondrial receptor for cytosolic ribosomes that supports co-translational import into mitochondria. <i>Nature Communications</i> , 2014, 5, 5711.	12.8	106
21	Isolation of mRNAs Associated with Yeast Mitochondria to Study Mechanisms of Localized Translation. <i>Journal of Visualized Experiments</i> , 2014, , .	0.3	7
22	A Molecular Cryptosystem for Images by DNA Computing. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 2883-2887.	13.8	30
23	The protein chaperone Ssa1 affects mRNA localization to the mitochondria. <i>FEBS Letters</i> , 2012, 586, 64-69.	2.8	31
24	Divergent RNA binding specificity of yeast Puf2p. <i>Rna</i> , 2011, 17, 1479-1488.	3.5	25
25	Tom20 Mediates Localization of mRNAs to Mitochondria in a Translation-Dependent Manner. <i>Molecular and Cellular Biology</i> , 2010, 30, 284-294.	2.3	150
26	Asc1 Supports Cell-Wall Integrity Near Bud Sites by a Pkc1 Independent Mechanism. <i>PLoS ONE</i> , 2010, 5, e11389.	2.5	16
27	Compaction of polyribosomal mRNA. <i>RNA Biology</i> , 2009, 6, 399-401.	3.1	3
28	Exploring translation regulation by global analysis of ribosomal association. <i>Methods</i> , 2009, 48, 301-305.	3.8	25
29	The 3' UTR mediates the cellular localization of an mRNA encoding a short plasma membrane protein. <i>Rna</i> , 2008, 14, 1352-1365.	3.5	44
30	Yeast translational response to high salinity: Global analysis reveals regulation at multiple levels. <i>Rna</i> , 2008, 14, 1337-1351.	3.5	99
31	Identification and characterization of extensive intra-molecular associations between 3' UTRs and their ORFs. <i>Nucleic Acids Research</i> , 2008, 36, 6728-6738.	14.5	16
32	A Ribosomal Density-Mapping Procedure to Explore Ribosome Positions Along Translating mRNAs. <i>Methods in Molecular Biology</i> , 2008, 419, 231-242.	0.9	8
33	Detecting Ribosomal Association with the 5' Leader of mRNAs by Ribosome Density Mapping (RDM). <i>Methods in Enzymology</i> , 2007, 431, 163-175.	1.0	2
34	Genome-wide Analysis of mRNA Polysomal Profiles with Spotted DNA Microarrays. <i>Methods in Enzymology</i> , 2007, 431, 177-201.	1.0	32
35	Dissecting eukaryotic translation and its control by ribosome density mapping. <i>Nucleic Acids Research</i> , 2005, 33, 2421-2432.	14.5	120
36	Genome-wide Analysis of Pre-mRNA Splicing. <i>Journal of Biological Chemistry</i> , 2004, 279, 52437-52446.	3.4	27

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37	Genome-wide analysis of mRNA translation profiles in <i>Saccharomyces cerevisiae</i> . Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 3889-3894.	7.1	632
38	GRF $\beta$ , a Novel Regulator of Calcium Signaling, Is Expressed in Pancreatic Beta Cells and Brain. Journal of Biological Chemistry, 1999, 274, 24449-24452.	3.4	18
39	Differential expression of the protein kinase A regulatory subunit (RI $\alpha$ ) in pancreatic endocrine cells. FEBS Letters, 1998, 425, 24-28.	2.8	7