

# Gopalakrishnan Aneeshkumar Arimbasa

## List of Publications by Year in descending order

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18  
papers

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#	ARTICLE	IF	CITATIONS
1	Transcription termination by the eukaryotic RNA polymerase III. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2013, 1829, 318-330.	1.9	98
2	RNA Polymerase III Output Is Functionally Linked to tRNA Dimethyl-G26 Modification. <i>PLoS Genetics</i> , 2015, 11, e1005671.	3.5	81
3	Mechanism of Transcription Termination by RNA Polymerase III Utilizes a Non-template Strand Sequence-Specific Signal Element. <i>Molecular Cell</i> , 2015, 58, 1124-1132.	9.7	80
4	RNA Polymerase III Advances: Structural and tRNA Functional Views. <i>Trends in Biochemical Sciences</i> , 2016, 41, 546-559.	7.5	78
5	Comparative overview of RNA polymerase II and III transcription cycles, with focus on RNA polymerase III termination and reinitiation. <i>Transcription</i> , 2014, 5, e27369.	3.1	65
6	Evolving specificity of tRNA 3-methyl-cytidine-32 (m <sup>3</sup> C32) modification: a subset of tRNAs <sup>Ser</sup> requires N <sup>6</sup> -isopentenylolation of A37. <i>Rna</i> , 2016, 22, 1400-1410.	3.5	64
7	LARP4 mRNA codon-tRNA match contributes to LARP4 activity for ribosomal protein mRNA poly(A) tail length protection. <i>ELife</i> , 2017, 6, .	6.0	43
8	Point mutations in the Rpb9-homologous domain of Rpc11 that impair transcription termination by RNA polymerase III. <i>Nucleic Acids Research</i> , 2011, 39, 6100-6113.	14.5	35
9	Lack of tRNA-i6A modification causes mitochondrial-like metabolic deficiency in <i>S. pombe</i> by limiting activity of cytosolic tRNA <sup>Tyr</sup> , not mito-tRNA. <i>Rna</i> , 2016, 22, 583-596.	3.5	30
10	Factors That Shape Eukaryotic tRNAomes: Processing, Modification and Anticodon Codon Use. <i>Biomolecules</i> , 2017, 7, 26.	4.0	30
11	Distinguishing Core and Holoenzyme Mechanisms of Transcription Termination by RNA Polymerase III. <i>Molecular and Cellular Biology</i> , 2013, 33, 1571-1581.	2.3	27
12	Comment on "Mechanism of eukaryotic RNA polymerase III transcription termination". <i>Science</i> , 2014, 345, 524-524.	12.6	19
13	A methods review on use of nonsense suppression to study 3' end formation and other aspects of tRNA biogenesis. <i>Gene</i> , 2015, 556, 35-50.	2.2	17
14	Umbilical cord tissue is a robust source for mesenchymal stem cells with enhanced myogenic differentiation potential compared to cord blood. <i>Scientific Reports</i> , 2020, 10, 18978.	3.3	17
15	Systemic ablation of vitamin D receptor leads to skeletal muscle glycogen storage disorder in mice. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2022, 13, 467-480.	7.3	15
16	A high density of cis-information terminates RNA Polymerase III on a 2-rail track. <i>RNA Biology</i> , 2016, 13, 166-171.	3.1	9
17	Interactions between RNAP III transcription machinery and tRNA processing factors. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2018, 1861, 354-360.	1.9	6
18	It's Snoing on Pol III at nuclear pores. <i>Genome Biology</i> , 2013, 14, 137.	9.6	2