

# Sanjaya C Abeysirigunawardena

## List of Publications by Year in descending order

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Version: 2024-02-01

15  
papers

328  
citations

1039880

9  
h-index

940416

16  
g-index

16  
all docs

16  
docs citations

16  
times ranked

566  
citing authors

#	ARTICLE	IF	CITATIONS
1	Interrogating accessibility of telomeric sequences with FRET-PAINT: evidence for length-dependent telomere compaction. <i>Nucleic Acids Research</i> , 2021, 49, 3371-3380.	6.5	10
2	Roles of glycogen synthase kinase 3 alpha and calcineurin in regulating the ability of sperm to fertilize eggs. <i>FASEB Journal</i> , 2020, 34, 1247-1269.	0.2	9
3	RsmG forms stable complexes with premature small subunit rRNA during bacterial ribosome biogenesis. <i>RSC Advances</i> , 2020, 10, 22361-22369.	1.7	4
4	Pseudouridine Synthase RsuA Captures an Assembly Intermediate That Is Stabilized by Ribosomal Protein S17. <i>Biomolecules</i> , 2020, 10, 841.	1.8	4
5	Ribosomal RNA Methyltransferase RsmC Moonlights as an RNA Chaperone. <i>ChemBioChem</i> , 2020, 21, 1885-1892.	1.3	10
6	Impact of Small Molecules on Intermolecular G-Quadruplex Formation. <i>Molecules</i> , 2019, 24, 1570.	1.7	3
7	Discovery of a novel small molecular peptide that disrupts helix 34 of bacterial ribosomal RNA. <i>RSC Advances</i> , 2019, 9, 40268-40276.	1.7	5
8	A metastable rRNA junction essential for bacterial 30S biogenesis. <i>Nucleic Acids Research</i> , 2018, 46, 5182-5194.	6.5	13
9	Evolution of protein-coupled RNA dynamics during hierarchical assembly of ribosomal complexes. <i>Nature Communications</i> , 2017, 8, 492.	5.8	30
10	Differential effects of ribosomal proteins and Mg <sup>2+</sup> ions on a conformational switch during 30S ribosome 5 <sup>â€²</sup> -domain assembly. <i>Rna</i> , 2015, 21, 1859-1865.	1.6	16
11	An improved surface passivation method for single-molecule studies. <i>Nature Methods</i> , 2014, 11, 1233-1236.	9.0	120
12	Ligand- and pH-Induced Conformational Changes of RNA Domain Helix 69 Revealed by Aminopurine Fluorescence. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 12095-12098.	7.2	17
13	Assembly of the Five-Way Junction in the Ribosomal Small Subunit Using Hybrid MD-Go Simulations. <i>Journal of Physical Chemistry B</i> , 2012, 116, 6819-6831.	1.2	22
14	Pseudouridines in rRNA helix 69 play a role in loop stacking interactions. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 3892.	1.5	40
15	pH-dependent structural changes of helix 69 from Escherichia coli 23S ribosomal RNA. <i>Rna</i> , 2008, 14, 782-792.	1.6	24