

Ajaykumar Gopal

List of Publications by Year in descending order

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citations

687363

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1048
citing authors

#	ARTICLE	IF	CITATIONS
1	A PrÃ¼fer-Sequence Based Algorithm for Calculating the Size of Ideal Randomly Branched Polymers. Journal of Physical Chemistry B, 2016, 120, 6231-6237.	2.6	5
2	Visualizing the global secondary structure of a viral RNA genome with cryo-electron microscopy. Rna, 2015, 21, 877-886.	3.5	45
3	The Assembly Pathway of an Icosahedral Single-Stranded RNA Virus Depends on the Strength of Inter-Subunit Attractions. Journal of Molecular Biology, 2014, 426, 1050-1060.	4.2	94
4	Viral RNAs Are Unusually Compact. PLoS ONE, 2014, 9, e105875.	2.5	41
5	Visualizing large RNA molecules in solution. Rna, 2012, 18, 284-299.	3.5	95
6	Vaults Are Dynamically Unconstrained Cytoplasmic Nanoparticles Capable of Half Vault Exchange. ACS Nano, 2010, 4, 7229-7240.	14.6	27
7	Encapsulation of Semiconducting Polymers in Vault Protein Cages. Nano Letters, 2008, 8, 3503-3509.	9.1	31
8	Predicting the sizes of large RNA molecules. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 16153-16158.	7.1	117
9	Microscopic Folds and Macroscopic Jerks in Compressed Lipid Monolayers. Journal of Physical Chemistry B, 2006, 110, 10220-10223.	2.6	43
10	Headgroup Percolation and Collapse of Condensed Langmuir Monolayers. Journal of Physical Chemistry B, 2006, 110, 22079-22087.	2.6	64
11	Surface charge relaxation and the pearling instability of charged surfactant tubes. Physical Review E, 2005, 72, 051930.	2.1	24
12	Influence of palmitic acid and hexadecanol on the phase transition temperature and molecular packing of dipalmitoylphosphatidyl-choline monolayers at the air-water interface. Journal of Chemical Physics, 2002, 116, 774-783.	3.0	112
13	Morphology and Collapse Transitions in Binary Phospholipid Monolayers. Journal of Physical Chemistry B, 2001, 105, 10348-10354.	2.6	160
14	Unstable topography of biphasic surfactant monolayers. Europhysics Letters, 2000, 52, 171-177.	2.0	46