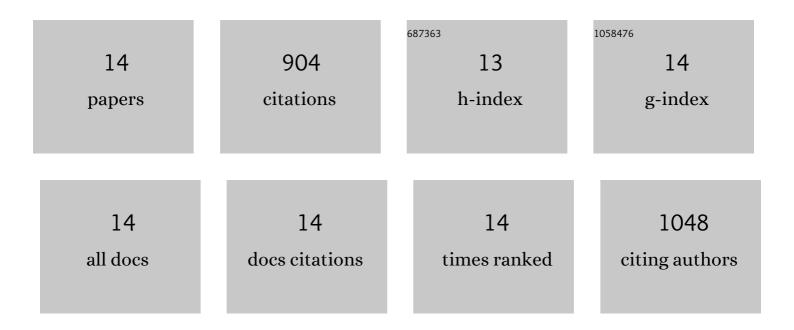
Ajaykumar Gopal

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Morphology and Collapse Transitions in Binary Phospholipid Monolayers. Journal of Physical Chemistry B, 2001, 105, 10348-10354.	2.6	160
2	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
3	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
4	Visualizing large RNA molecules in solution. Rna, 2012, 18, 284-299.	3.5	95
5	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
6	Headgroup Percolation and Collapse of Condensed Langmuir Monolayersâ€. Journal of Physical Chemistry B, 2006, 110, 22079-22087.	2.6	64
7	Unstable topography of biphasic surfactant monolayers. Europhysics Letters, 2000, 52, 171-177.	2.0	46
8	Visualizing the global secondary structure of a viral RNA genome with cryo-electron microscopy. Rna, 2015, 21, 877-886.	3.5	45
9	Microscopic Folds and Macroscopic Jerks in Compressed Lipid Monolayers. Journal of Physical Chemistry B, 2006, 110, 10220-10223.	2.6	43
10	Viral RNAs Are Unusually Compact. PLoS ONE, 2014, 9, e105875.	2.5	41
11	Encapsulation of Semiconducting Polymers in Vault Protein Cages. Nano Letters, 2008, 8, 3503-3509.	9.1	31
12	Vaults Are Dynamically Unconstrained Cytoplasmic Nanoparticles Capable of Half Vault Exchange. ACS Nano, 2010, 4, 7229-7240.	14.6	27
13	Surface charge relaxation and the pearling instability of charged surfactant tubes. Physical Review E, 2005, 72, 051930.	2.1	24
14	A Prüfer-Sequence Based Algorithm for Calculating the Size of Ideal Randomly Branched Polymers. Journal of Physical Chemistry B, 2016, 120, 6231-6237.	2.6	5