

Govindan Raghunathan

List of Publications by Year in descending order

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papers

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citations

932766

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docs citations

15
times ranked

824
citing authors

#	ARTICLE	IF	CITATIONS
1	A Study on the Effect of Surface Lysine to Arginine Mutagenesis on Protein Stability and Structure Using Green Fluorescent Protein. PLoS ONE, 2012, 7, e40410.	1.1	198
2	Engineering Protein Sequence Composition for Folding Robustness Renders Efficient Noncanonical Amino acid Incorporations. ChemBioChem, 2010, 11, 2521-2524.	1.3	33
3	Modulation of protein stability and aggregation properties by surface charge engineering. Molecular BioSystems, 2013, 9, 2379.	2.9	32
4	Protegrin-1 cytotoxicity towards mammalian cells positively correlates with the magnitude of conformational changes of the unfolded form upon cell interaction. Scientific Reports, 2019, 9, 11569.	1.6	29
5	Enhancing the thermal stability of a single-chain Fv fragment by in vivo global fluorination of the proline residues. Molecular BioSystems, 2011, 7, 258-265.	2.9	26
6	Conjugation of Proteins by Installing BIO-Orthogonally Reactive Groups at Their N-Termini. PLoS ONE, 2012, 7, e46741.	1.1	18
7	In silico study on the effect of surface lysines and arginines on the electrostatic interactions and protein stability. Biotechnology and Bioprocess Engineering, 2013, 18, 18-26.	1.4	17
8	Identification of Thermus aquaticus DNA polymerase variants with increased mismatch discrimination and reverse transcriptase activity from a smart enzyme mutant library. Scientific Reports, 2019, 9, 590.	1.6	14
9	A variant of green fluorescent protein exclusively deposited to active intracellular inclusion bodies. Microbial Cell Factories, 2014, 13, 68.	1.9	12
10	A comparative study on the stability and structure of two different green fluorescent proteins in organic co-solvent systems. Biotechnology and Bioprocess Engineering, 2013, 18, 342-349.	1.4	10
11	Deletional Protein Engineering Based on Stable Fold. PLoS ONE, 2012, 7, e51510.	1.1	8
12	Deciphering the factors responsible for the stability of a GFP variant resistant to alkaline pH using molecular dynamics simulations. Biotechnology and Bioprocess Engineering, 2013, 18, 858-867.	1.4	3
13	Redesigning the type II' α -turn in green fluorescent protein to type I': Implications for folding kinetics and stability. Proteins: Structure, Function and Bioinformatics, 2014, 82, 2812-2822.	1.5	3
14	Generation of anti-c-met single domain antibody fragment based on human stable frameworks. Biotechnology and Bioprocess Engineering, 2012, 17, 1120-1127.	1.4	0
15	Characterization on the aggregation of self-aggregating green fluorescent protein variant. Journal of Industrial and Engineering Chemistry, 2017, 46, 337-341.	2.9	0