

Govindan Raghunathan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3092493/publications.pdf>

Version: 2024-02-01

15
papers

403
citations

932766

10
h-index

1125271

13
g-index

15
all docs

15
docs citations

15
times ranked

824
citing authors

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