Muralikrishna Lella

List of Publications by Year
in descending order

11	127	1684188 5	1281871 11
papers	citations	h-index	g-index

11	11	11	184
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Metamorphic Proteins: Emergence of Dual Protein Folds from One Primary Sequence. Biochemistry, 2017, 56, 2971-2984.	2.5	52
2	Molecular Mechanism of Holin Transmembrane Domain I in Pore Formation and Bacterial Cell Death. ACS Chemical Biology, 2016, 11, 910-920.	3.4	23
3	Engineering a Transmembrane Nanopore Ion Channel from a Membrane Breaker Peptide. Journal of Physical Chemistry Letters, 2016, 7, 2298-2303.	4.6	15
4	Pro-Gly mediated conformational switch of mycobacteriophage D29 holin transmembrane domain I is lipid concentration driven. Chemical Communications, 2013, 49, 9594.	4.1	12
5	Strategies to attenuate the competence regulon in Streptococcus pneumoniae. Peptide Science, 2021, 113, e24222.	1.8	7
6	Direct Structural Annotation of Membrane Protein Aggregation Loci using Peptide-Based Reverse Mapping. Journal of Physical Chemistry Letters, 2018, 9, 2967-2971.	4.6	4
7	Optimizing CSP1 analogs for modulating quorum sensing inStreptococcus pneumoniaewith bulky, hydrophobic nonproteogenic amino acid substitutions. RSC Chemical Biology, 2022, 3, 301-311.	4.1	4
8	Solvation driven conformational transitions in the second transmembrane domain of mycobacteriophage holin. Biopolymers, 2017, 108, .	2.4	3
9	Attenuating the Streptococcus pneumoniae Competence Regulon Using Urea-Bridged Cyclic Dominant-Negative Competence-Stimulating Peptide Analogs. Journal of Medicinal Chemistry, 2022, 65, 6826-6839.	6.4	3
10	<scp>De novo</scp> design of metalâ€binding cleft in a <scp>Trpâ€Trp</scp> stapled thermostable Î²â€hairpin peptide. Peptide Science, 2021, 113, e24240.	1.8	2
11	Pharmacological Evaluation of Synthetic Dominant-Negative Peptides Derived from the Competence-Stimulating Peptide of Streptococcus pneumoniae. ACS Pharmacology and Translational Science, 2022, 5, 299-305.	4.9	2