

# Muralikrishna Lella

## List of Publications by Year in descending order

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11  
papers

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citations

1684188

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1281871

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