

Gaurav Jerath

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

228
citations

1040056

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996975

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g-index

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all docs

15
docs citations

15
times ranked

127
citing authors

#	ARTICLE	IF	CITATIONS
1	Geometry encoded functional programming of tumor homing peptides for targeted drug delivery. <i>Journal of Controlled Release</i> , 2021, 333, 16-27.	9.9	34
2	Effect of tacticity-derived topological constraints in bactericidal peptides. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2017, 1859, 1388-1395.	2.6	30
3	Syndiotactic peptides for targeted delivery. <i>Acta Biomaterialia</i> , 2019, 87, 130-139.	8.3	30
4	Topological effects on the designability and bactericidal potency of antimicrobial peptides. <i>Biophysical Chemistry</i> , 2019, 248, 1-8.	2.8	27
5	Peptide-based delivery vectors with pre-defined geometrical locks. <i>RSC Medicinal Chemistry</i> , 2020, 11, 1303-1313.	3.9	18
6	Peptido-mimetic Approach in the Design of Syndiotactic Antimicrobial Peptides. <i>International Journal of Peptide Research and Therapeutics</i> , 2018, 24, 299-307.	1.9	16
7	Molecular hybridization combining tumor homing and penetrating peptide domains for cellular targeting. <i>Drug Delivery and Translational Research</i> , 2022, 12, 1285-1292.	5.8	16
8	Mapping drug-target interactions and synergy in multi-molecular therapeutics for pressure-overload cardiac hypertrophy. <i>Npj Systems Biology and Applications</i> , 2021, 7, 11.	3.0	13
9	Delivery of Small Molecules by Syndiotactic Peptides for Breast Cancer Therapy. <i>Molecular Pharmaceutics</i> , 2022, 19, 2877-2887.	4.6	11
10	Conformationally constrained peptides for drug delivery. <i>Journal of Peptide Science</i> , 2020, 26, e3244.	1.4	10
11	Characterization of ICAM-1 biophore to design cytoadherence blocking peptides. <i>Journal of Molecular Graphics and Modelling</i> , 2015, 57, 27-35.	2.4	8
12	Mapping the Geometric Evolution of Protein Folding Motor. <i>PLoS ONE</i> , 2016, 11, e0163993.	2.5	7
13	bPE toolkit: toolkit for computational protein engineering. <i>Systems and Synthetic Biology</i> , 2014, 8, 337-341.	1.0	6
14	Structure-based barcoding of proteins. <i>Protein Science</i> , 2014, 23, 117-120.	7.6	1