

Si Zhang

List of Publications by Year in descending order

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7
papers

372
citations

1307594
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h-index

1720034
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all docs

7
docs citations

7
times ranked

458
citing authors

#	ARTICLE	IF	CITATIONS
1	Surface Modified with a Host Defense Peptide-Mimicking β -Peptide Polymer Kills Bacteria on Contact with High Efficacy. ACS Applied Materials & Interfaces, 2018, 10, 15395-15400.	8.0	117
2	Host defense peptide mimicking poly- β -peptides with fast, potent and broad spectrum antibacterial activities. Biomaterials Science, 2019, 7, 2144-2151.	5.4	83
3	Practical Preparation of Infection-Resistant Biomedical Surfaces from Antimicrobial β -Peptide Polymers. ACS Applied Materials & Interfaces, 2019, 11, 18907-18913.	8.0	77
4	Alpha-beta chimeric polypeptide molecular brushes display potent activity against superbugs-methicillin resistant Staphylococcus aureus. Science China Materials, 2019, 62, 604-610.	6.3	33
5	Biofilm Disruption Utilizing α/β Chimeric Polypeptide Molecular Brushes. Chinese Journal of Polymer Science (English Edition), 2019, 37, 1105-1112.	3.8	24
6	An alpha/beta chimeric peptide molecular brush for eradicating MRSA biofilms and persister cells to mitigate antimicrobial resistance. Biomaterials Science, 2020, 8, 6883-6889.	5.4	23
7	Efficient synthesis of amino acid polymers for protein stabilization. Biomaterials Science, 2019, 7, 3675-3682.	5.4	15