

# Si Zhang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2848029/publications.pdf>

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7  
papers

372  
citations

1307594

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1720034

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458  
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#	ARTICLE	IF	CITATIONS
1	An alpha/beta chimeric peptide molecular brush for eradicating MRSA biofilms and persister cells to mitigate antimicrobial resistance. <i>Biomaterials Science</i> , 2020, 8, 6883-6889.	5.4	23
2	Efficient synthesis of amino acid polymers for protein stabilization. <i>Biomaterials Science</i> , 2019, 7, 3675-3682.	5.4	15
3	Biofilm Disruption Utilizing $\alpha/\beta$ Chimeric Polypeptide Molecular Brushes. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2019, 37, 1105-1112.	3.8	24
4	Practical Preparation of Infection-Resistant Biomedical Surfaces from Antimicrobial $\alpha$ -Peptide Polymers. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 18907-18913.	8.0	77
5	Host defense peptide mimicking poly- $\alpha$ -peptides with fast, potent and broad spectrum antibacterial activities. <i>Biomaterials Science</i> , 2019, 7, 2144-2151.	5.4	83
6	Alpha-beta chimeric polypeptide molecular brushes display potent activity against superbugs-methicillin resistant <i>Staphylococcus aureus</i> . <i>Science China Materials</i> , 2019, 62, 604-610.	6.3	33
7	Surface Modified with a Host Defense Peptide-Mimicking $\alpha$ -Peptide Polymer Kills Bacteria on Contact with High Efficacy. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 15395-15400.	8.0	117