

Byeongseon Yang

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

433
citations

933447

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1199594

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641
citing authors

#	ARTICLE	IF	CITATIONS
1	In Vivo Residue-Specific Dopa-Incorporated Engineered Mussel Bioglue with Enhanced Adhesion and Water Resistance. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 13360-13364.	13.8	88
2	Next Generation Methods for Single-Molecule Force Spectroscopy on Polyproteins and Receptor-Ligand Complexes. <i>Frontiers in Molecular Biosciences</i> , 2020, 7, 85.	3.5	65
3	Coacervation of Interfacial Adhesive Proteins for Initial Mussel Adhesion to a Wet Surface. <i>Small</i> , 2018, 14, e1803377.	10.0	52
4	The position of lysine controls the catechol-mediated surface adhesion and cohesion in underwater mussel adhesion. <i>Journal of Colloid and Interface Science</i> , 2020, 563, 168-176.	9.4	51
5	Sprayable Adhesive Nanotherapeutics: Mussel-Protein-Based Nanoparticles for Highly Efficient Locoregional Cancer Therapy. <i>ACS Nano</i> , 2018, 12, 8909-8919.	14.6	39
6	A comparative study on the bulk adhesive strength of the recombinant mussel adhesive protein fp-3. <i>Biofouling</i> , 2013, 29, 483-490.	2.2	38
7	Mapping Mechanostable Pulling Geometries of a Therapeutic Anticalin/CTLA-4 Protein Complex. <i>Nano Letters</i> , 2022, 22, 179-187.	9.1	24
8	Influence of Fluorination on Single-Molecule Unfolding and Rupture Pathways of a Mechanostable Protein Adhesion Complex. <i>Nano Letters</i> , 2020, 20, 8940-8950.	9.1	16
9	A tyrosinase, mTyr-CNK, that is functionally available as a monophenol monooxygenase. <i>Scientific Reports</i> , 2017, 7, 17267.	3.3	15
10	Enhanced production of Dopa-Incorporated mussel adhesive protein using engineered translational machineries. <i>Biotechnology and Bioengineering</i> , 2020, 117, 1961-1969.	3.3	7
11	Optimal Sacrificial Domains in Mechanical Polyproteins: <i>S. epidermidis</i> Adhesins Are Tuned for Work Dissipation. <i>Jacs Au</i> , 0, , .	7.9	5
12	Thiol-Rich fp-6 Controls the Tautomer Equilibrium of Oxidized Dopa in Interfacial Mussel Foot Proteins. <i>Langmuir</i> , 2022, 38, 3446-3452.	3.5	3
13	Frontispiece: In Vivo Residue-Specific Dopa-Incorporated Engineered Mussel Bioglue with Enhanced Adhesion and Water Resistance. <i>Angewandte Chemie - International Edition</i> , 2014, 53, n/a-n/a.	13.8	0
14	Frontispiz: In Vivo Residue-Specific Dopa-Incorporated Engineered Mussel Bioglue with Enhanced Adhesion and Water Resistance. <i>Angewandte Chemie</i> , 2014, 126, n/a-n/a.	2.0	0