

Kaiyang Lim

List of Publications by Year in descending order

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16
papers

678
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1051969

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1113639

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docs citations

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1551
citing authors

#	ARTICLE	IF	CITATIONS
1	Simple surface engineering of polydimethylsiloxane with polydopamine for stabilized mesenchymal stem cell adhesion and multipotency. <i>Scientific Reports</i> , 2016, 5, 18162.	1.6	200
2	Development of a catheter functionalized by a polydopamine peptide coating with antimicrobial and antibiofilm properties. <i>Acta Biomaterialia</i> , 2015, 15, 127-138.	4.1	168
3	Immobilization Studies of an Engineered Arginine-Tryptophan-Rich Peptide on a Silicone Surface with Antimicrobial and Antibiofilm Activity. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 6412-6422.	4.0	93
4	Design of short membrane selective antimicrobial peptides containing tryptophan and arginine residues for improved activity, salt-resistance, and biocompatibility. <i>Biotechnology and Bioengineering</i> , 2014, 111, 37-49.	1.7	84
5	Lasioglossin-III: antimicrobial characterization and feasibility study for immobilization applications. <i>RSC Advances</i> , 2013, 3, 9534.	1.7	34
6	Anhydrous polymer-based coating with sustainable controlled release functionality for facile, efficacious impregnation, and delivery of antimicrobial peptides. <i>Biotechnology and Bioengineering</i> , 2018, 115, 2000-2012.	1.7	20
7	Rheological characterization of a physically-modified waxy potato starch: Investigation of its shear-thickening mechanism. <i>Food Hydrocolloids</i> , 2021, 120, 106908.	5.6	17
8	An in-vitro urinary catheterization model that approximates clinical conditions for evaluation of innovations to prevent catheter-associated urinary tract infections. <i>Journal of Hospital Infection</i> , 2017, 97, 66-73.	1.4	12
9	Molecular and physico-chemical characterization of de-structured waxy potato starch. <i>Food Hydrocolloids</i> , 2021, 117, 106667.	5.6	10
10	Control Release Coating for Urinary Catheters with Enhanced Released Profile for Sustained Antimicrobial Protection. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 59263-59274.	4.0	10
11	Effects of Spray-Drying Inlet Temperature on the Production of High-Quality Native Rice Starch. <i>Processes</i> , 2021, 9, 1557.	1.3	8
12	Continuous low-temperature spray drying approach for efficient production of high quality native rice starch. <i>Drying Technology</i> , 2022, 40, 1758-1773.	1.7	6
13	High-Protein Foods for Dysphagia: Manipulation of Mechanical and Microstructural Properties of Whey Protein Gels Using De-Structured Starch and Salts. <i>Gels</i> , 2022, 8, 399.	2.1	6
14	Effects of Xanthan Gum, Lambda-Carrageenan and Psyllium Husk on the Physical Characteristics and Glycaemic Potency of White Bread. <i>Foods</i> , 2022, 11, 1513.	1.9	4
15	Antimicrobial Coating Development Based on Antimicrobial Peptides. , 2018, , 509-532.		3
16	Characterisation of de-structured starch and its shear-thickening mechanism. <i>Food Hydrocolloids</i> , 2022, 132, 107864.	5.6	3