

Chanoong Lim

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

866
citations

687363

13
h-index

752698

20
g-index

20
all docs

20
docs citations

20
times ranked

1317
citing authors

#	ARTICLE	IF	CITATIONS
1	Size compatibility and concentration dependent supramolecular host-guest interactions at interfaces. <i>Nature Communications</i> , 2022, 13, 112.	12.8	19
2	Antigen-Antibody Interaction-Derived Bioadhesion of Bacterial Cellulose Nanofibers to Promote Topical Wound Healing. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	17
3	Strong interfacial energetics between catalysts and current collectors in aqueous sodium-air batteries. <i>Journal of Materials Chemistry A</i> , 2022, 10, 4601-4610.	10.3	10
4	Peptidomimetic Wet-Adhesive PEGtides with Synergistic and Multimodal Hydrogen Bonding. <i>Journal of the American Chemical Society</i> , 2022, 144, 6261-6269.	13.7	17
5	Essential Role of Thiols in Maintaining Stable Catecholato-Iron Complexes in Condensed Materials. <i>Chemistry of Materials</i> , 2022, 34, 5074-5083.	6.7	10
6	Intermolecular interactions of chitosan: Degree of acetylation and molecular weight. <i>Carbohydrate Polymers</i> , 2021, 259, 117782.	10.2	62
7	Adaptive amphiphilic interaction mechanism of hydroxypropyl methylcellulose in water. <i>Applied Surface Science</i> , 2021, 565, 150535.	6.1	12
8	In-Depth Study of the Interaction Mechanism between the Lignin Nanofilms: Toward a Renewable and Organic Solvent-Free Binder. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 362-371.	6.7	13
9	Supramolecular Sheet Suckerin-Based Underwater Adhesives. <i>Advanced Functional Materials</i> , 2020, 30, 1907534.	14.9	39
10	Mussel-Inspired Copolyether Loop with Superior Antifouling Behavior. <i>Macromolecules</i> , 2020, 53, 3551-3562.	4.8	47
11	Probing molecular mechanisms of M13 bacteriophage adhesion. <i>Communications Chemistry</i> , 2019, 2, .	4.5	9
12	Probing nanomechanical interaction at the interface between biological membrane and potentially toxic chemical. <i>Journal of Hazardous Materials</i> , 2018, 353, 271-279.	12.4	13
13	Nanomechanics of Poly(catecholamine) Coatings in Aqueous Solutions. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 3342-3346.	13.8	173
14	Nanomechanics of Poly(catecholamine) Coatings in Aqueous Solutions. <i>Angewandte Chemie</i> , 2016, 128, 3403-3407.	2.0	15
15	Mussel-Inspired Anchoring of Polymer Loops That Provide Superior Surface Lubrication and Antifouling Properties. <i>ACS Nano</i> , 2016, 10, 930-937.	14.6	128
16	Contact time- and pH-dependent adhesion and cohesion of low molecular weight chitosan coated surfaces. <i>Carbohydrate Polymers</i> , 2015, 117, 887-894.	10.2	72
17	Surface forces apparatus and its applications for nanomechanics of underwater adhesives. <i>Korean Journal of Chemical Engineering</i> , 2014, 31, 1306-1315.	2.7	10
18	Dopamine-Mediated Sclerotization of Regenerated Chitin in Ionic Liquid. <i>Materials</i> , 2013, 6, 3826-3839.	2.9	41

#	ARTICLE	IF	CITATIONS
19	Strong Adhesion and Cohesion of Chitosan in Aqueous Solutions. Langmuir, 2013, 29, 14222-14229.	3.5	153