

Kyuhan Kim

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

670
citations

933447

10
h-index

839539

18
g-index

18
all docs

18
docs citations

18
times ranked

1104
citing authors

#	ARTICLE	IF	CITATIONS
1	Calcium-Modified Silk as a Biocompatible and Strong Adhesive for Epidermal Electronics. <i>Advanced Functional Materials</i> , 2018, 28, 1800802.	14.9	141
2	Processable high internal phase Pickering emulsions using depletion attraction. <i>Nature Communications</i> , 2017, 8, 14305.	12.8	127
3	Interfacial microrheology of DPPC monolayers at the air-water interface. <i>Soft Matter</i> , 2011, 7, 7782.	2.7	101
4	Effect of cholesterol nanodomains on monolayer morphology and dynamics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, E3054-60.	7.1	77
5	A new method to produce cellulose nanofibrils from microalgae and the measurement of their mechanical strength. <i>Carbohydrate Polymers</i> , 2018, 180, 276-285.	10.2	46
6	Controllable one-step double emulsion formation via phase inversion. <i>Soft Matter</i> , 2018, 14, 1094-1099.	2.7	36
7	Hyper-cross-linked polymers with controlled multiscale porosity via polymerization-induced microphase separation within high internal phase emulsion. <i>Chemical Communications</i> , 2018, 54, 7908-7911.	4.1	30
8	Influence of Molecular Coherence on Surface Viscosity. <i>Langmuir</i> , 2014, 30, 8829-8838.	3.5	24
9	Nonlinear chiral rheology of phospholipid monolayers. <i>Soft Matter</i> , 2018, 14, 2476-2483.	2.7	16
10	Static and Dynamic Permeability Assay for Hydrophilic Small Molecules Using a Planar Droplet Interface Bilayer. <i>Analytical Chemistry</i> , 2018, 90, 1660-1667.	6.5	13
11	Distinctive rheological properties of Pickering emulsions: from their origin to the applications. <i>Korea Australia Rheology Journal</i> , 2022, 34, 91-103.	1.7	11
12	Interfacial shear rheology of perfluorosulfonic acid ionomer monolayers at the air/water interface. <i>Journal of Rheology</i> , 2019, 63, 947-959.	2.6	10
13	Preparation of a monolithic and macroporous superabsorbent polymer via a high internal phase Pickering emulsion template. <i>Journal of Applied Polymer Science</i> , 2019, 136, 48133.	2.6	9
14	The role of excess attractive particles in the elasticity of high internal phase Pickering emulsions. <i>Soft Matter</i> , 2021, 18, 53-61.	2.7	9
15	New Collapse Mechanism of Colloidal Particle Monolayers via Depletion Pressure: Formation of Large-Area Particle Multilayers at the Air-Water Interface. <i>Journal of Physical Chemistry C</i> , 2019, 123, 27862-27867.	3.1	8
16	Mesoporous Silica Derived from Municipal Solid Waste Incinerator (MSWI) Ash Slag: Synthesis, Characterization and Use as Supports for Au(III) Recovery. <i>Materials</i> , 2021, 14, 6894.	2.9	5
17	Interconnectivity and morphology control of poly-high internal phase emulsions under photo-polymerization. <i>Polymer Chemistry</i> , 2022, 13, 492-500.	3.9	3