

Hojun Kim

List of Publications by Year in descending order

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17
papers

743
citations

623734

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940533

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docs citations

17
times ranked

1236
citing authors

#	ARTICLE	IF	CITATIONS
1	Stimuli-Responsive Adaptive Nanotoxin to Directly Penetrate the Cellular Membrane by Molecular Folding and Unfolding. <i>Journal of the American Chemical Society</i> , 2022, 144, 5503-5516.	13.7	8
2	SARS-CoV-2 Variant Screening Using a Virus-Receptor-Based Electrical Biosensor. <i>Nano Letters</i> , 2022, 22, 50-57.	9.1	28
3	Noninvasive Precision Screening of Prostate Cancer by Urinary Multimarker Sensor and Artificial Intelligence Analysis. <i>ACS Nano</i> , 2021, 15, 4054-4065.	14.6	53
4	The structural fate of lipid nanoparticles in the extracellular matrix. <i>Materials Horizons</i> , 2020, 7, 125-134.	12.2	17
5	Wirelessly controlled, bioresorbable drug delivery device with active valves that exploit electrochemically triggered crevice corrosion. <i>Science Advances</i> , 2020, 6, eabb1093.	10.3	87
6	Insight into the Electrical Double Layer of Ionic Liquids Revealed through Its Temporal Evolution. <i>Advanced Materials Interfaces</i> , 2020, 7, 2001313.	3.7	22
7	Unimolecular Polypeptide Micelles via Ultrafast Polymerization of α -Carboxyanhydrides. <i>Journal of the American Chemical Society</i> , 2020, 142, 8570-8574.	13.7	49
8	Mechanophore-Functionalized Nanoparticles: Interfacial Force-Focusing Effect in Mechanophore-Linked Nanocomposites (<i>Adv. Sci.</i> 7/2020). <i>Advanced Science</i> , 2020, 7, 2070037.	11.2	0
9	Mixing oil and water with ionic liquids: bicontinuous microemulsions under confinement. <i>Soft Matter</i> , 2019, 15, 9609-9613.	2.7	6
10	Fully Packaged Portable Thin Film Biosensor for the Direct Detection of Highly Pathogenic Viruses from On-Site Samples. <i>ACS Nano</i> , 2019, 13, 812-820.	14.6	28
11	Microfluidics Synthesis of Gene Silencing Cubosomes. <i>ACS Nano</i> , 2018, 12, 9196-9205.	14.6	63
12	Super-swelled lyotropic single crystals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 10834-10839.	7.1	43
13	Self-organization of nucleic acids in lipid constructs. <i>Current Opinion in Colloid and Interface Science</i> , 2016, 26, 58-65.	7.4	34
14	Effect of the environmental humidity on the bulk, interfacial and nanoconfined properties of an ionic liquid. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 22719-22730.	2.8	51
15	Irreversible structural change of a dry ionic liquid under nanoconfinement. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 13613-13624.	2.8	62
16	Cuboplexes: Topologically Active siRNA Delivery. <i>ACS Nano</i> , 2015, 9, 10214-10226.	14.6	112
17	Biological lipid membranes for on-demand, wireless drug delivery from thin, bioresorbable electronic implants. <i>NPG Asia Materials</i> , 2015, 7, e227-e227.	7.9	80