

Hojun Kim

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

743
citations

623734

14
h-index

940533

16
g-index

17
all docs

17
docs citations

17
times ranked

1236
citing authors

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