Yunsang Kim

List of Publications by Year
in descending order

19	544	759233 12	794594 19
papers	citations	h-index	g-index

19	19	19	902
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Microencapsulated phase change material via Pickering emulsion stabilized by cellulose nanofibrils for thermal energy storage. Carbohydrate Polymers, 2022, 276, 118745.	10.2	14
2	Carboxymethyl Cellulose Enhanced Production of Cellulose Nanofibrils. Fibers, 2021, 9, 57.	4.0	7
3	Shape-Stabilized Phase Change Material by a Synthetic/Natural Hybrid Composite Foam with Cell-Wall Pores. ACS Applied Energy Materials, 2021, 4, 416-424.	5.1	11
4	Enhanced energy density and extraction efficiency of polar solâ€“gel dielectric films with reduced residual ions. Journal of Materials Chemistry C, 2020, 8, 17395-17402.	5.5	2
5	Bio-based Preservative using Methyl-Î²-cyclodextrin-Essential Oil Complexes for Wood Protection. International Journal of Biological Macromolecules, 2020, 147, 420-427.	7.5	28
6	Î²-Cyclodextrin-allyl isothiocyanate complex as a natural preservative for strand-based wood composites. Composites Part B: Engineering, 2020, 193, 108037.	12.0	10
7	Rigid polyurethane foams containing lignin oxyalkylated with ethylene carbonate and polyethylene glycol. Industrial Crops and Products, 2019, 141, 111797.	5.2	53
8	Lab-scale structural insulated panels with lignin-incorporated rigid polyurethane foams as core. Industrial Crops and Products, 2019, 132, 292-300.	5.2	34
9	Î²-Cyclodextrins as sustained-release carriers for natural wood preservatives. Industrial Crops and Products, 2019, 130, 42-48.	5.2	21
10	Effects of Surface Functionalization of Lignin on Synthesis and Properties of Rigid Bio-Based Polyurethanes Foams. Polymers, 2018, 10, 706.	4.5	57
11	High-energy-density hybrid solâ€“gel dielectric film capacitors with a polymeric charge blocking layer. Journal of Materials Chemistry A, 2017, 5, 25522-25528.	10.3	7
12	Environmentally sound textile dyeing technology with nanofibrillated cellulose. Green Chemistry, 2017, 19, 4031-4035.	9.0	46
13	Energy Storage: Bilayer Structure with Ultrahigh Energy/Power Density Using Hybrid Solâ€“Gel Dielectric and Chargeâ€Blocking Monolayer (Adv. Energy Mater. 19/2015). Advanced Energy Materials, 2015, 5, .	19.5	1
14	Bilayer Structure with Ultrahigh Energy/Power Density Using Hybrid Solâ€“Gel Dielectric and Chargeâ€Blocking Monolayer. Advanced Energy Materials, 2015, 5, 1500767.	19.5	33
15	Surface-Initiated Polymerization from Barium Titanate Nanoparticles for Hybrid Dielectric Capacitors. ACS Applied Materials & Interfaces, 2014, 6, 3477-3482.	8.0	138
16	Enhancement of breakdown strength and energy density in BaTiO₃/ferroelectric polymer nanocomposites via processing-induced matrix crystallinity and uniformity. RSC Advances, 2014, 4, 19668-19673.	3.6	20
17	Enhanced Permittivity and Energy Density in Neat Poly(vinylidene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 107 Td (fluoride-trifl Morphology. ACS Applied Materials & Interfaces, 2014, 6, 9584-9589.	8.0	43
18	Indium tin oxide modified by titanium dioxide nanoparticles dispersed in poly(N-vinylpyrrolidone) for use as an electron-collecting layer in organic solar cells with an inverted structure. Journal of Materials Research, 2013, 28, 535-540.	2.6	4

#	Article	IF	Citations
19	High-Energy-Density Solâ€“Gel Thin Film Based on Neat 2-Cyanoethyltrimethoxysilane. ACS Applied Materials & Interfaces, 2013, 5, 1544-1547.	8.0	15