

Kyudeok Oh

List of Publications by Year in descending order

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19
papers

481
citations

840776

11
h-index

794594

19
g-index

19
all docs

19
docs citations

19
times ranked

517
citing authors

#	ARTICLE	IF	CITATIONS
1	The Effect of a Polymer-Stabilized Latex Cobinder on the Optical and Strength Properties of Pigment Coating Layers. <i>Polymers</i> , 2021, 13, 568.	4.5	6
2	Use of cellulose nanofibril (CNF)/silver nanoparticles (AgNPs) composite in salt hydrate phase change material for efficient thermal energy storage. <i>International Journal of Biological Macromolecules</i> , 2021, 174, 402-412.	7.5	30
3	Improving the Barrier Properties of Packaging Paper by Polyvinyl Alcohol Based Polymer Coating—Effect of the Base Paper and Nanoclay. <i>Polymers</i> , 2021, 13, 1334.	4.5	38
4	Enhanced thermal energy storage performance of salt hydrate phase change material: Effect of cellulose nanofibril and graphene nanoplatelet. <i>Solar Energy Materials and Solar Cells</i> , 2021, 225, 111028.	6.2	43
5	Thermal properties of graphite/salt hydrate phase change material stabilized by nanofibrillated cellulose. <i>Cellulose</i> , 2021, 28, 6845-6856.	4.9	9
6	Cellulose nanofibril/carbon nanotube composite foam-stabilized paraffin phase change material for thermal energy storage and conversion. <i>Carbohydrate Polymers</i> , 2021, 273, 118585.	10.2	51
7	Effect of micro- and nanofibrillated cellulose on the phase stability of sodium sulfate decahydrate based phase change material. <i>Cellulose</i> , 2020, 27, 5003-5016.	4.9	14
8	Development and Application of Nanosized Polymer-Stabilized Cobinders and Their Effect on the Viscoelastic Properties and Foaming Tendencies of Coating Colors. <i>ACS Omega</i> , 2020, 5, 9291-9300.	3.5	3
9	Structural Changes of the Coating Layer by Styrene/Acrylate Latex with Hydroxyethyl Methacrylate. <i>ACS Omega</i> , 2019, 4, 18405-18412.	3.5	5
10	Stress Development in a Cellulose-Nanofibril-Containing Pigment Coating Layer during Drying. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 18187-18196.	3.7	9
11	Facile fabrication of hydrophobic cellulosic paper with good barrier properties via PVA/AKD dispersion coating. <i>Nordic Pulp and Paper Research Journal</i> , 2019, 34, 516-524.	0.7	20
12	Recycling of isopropanol for cost-effective, environmentally friendly production of carboxymethylated cellulose nanofibrils. <i>Carbohydrate Polymers</i> , 2019, 208, 365-371.	10.2	5
13	Effect of core-shell structure latex on pigment coating properties. <i>BioResources</i> , 2019, 14, 1241-1251.	1.0	6
14	Subnanomolar Sensitivity of Filter Paper-Based SERS Sensor for Pesticide Detection by Hydrophobicity Change of Paper Surface. <i>ACS Sensors</i> , 2018, 3, 151-159.	7.8	165
15	Cellulose nanofibrils coated paper substrate to detect trace molecules using surface-enhanced Raman scattering. <i>Cellulose</i> , 2018, 25, 3339-3350.	4.9	22
16	Role of Cellulose Nanofibrils in Structure Formation of Pigment Coating Layers. <i>Industrial & Engineering Chemistry Research</i> , 2017, 56, 9569-9577.	3.7	25
17	Effects of coating composition and folding direction on the fold cracking of coated paper. <i>Nordic Pulp and Paper Research Journal</i> , 2016, 31, 347-353.	0.7	15
18	Effects of charge density and molecular weight of cationic polyacrylamides on growth and structural characteristics of ground calcium carbonate aggregates. <i>Nordic Pulp and Paper Research Journal</i> , 2016, 31, 191-197.	0.7	1

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19	Effect of coating binder on fold cracking of coated paper. Nordic Pulp and Paper Research Journal, 2015, 30, 361-368.	0.7	14