

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	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
2	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
3	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
4	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
5	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
6	Role of Cellulose Nanofibrils in Structure Formation of Pigment Coating Layers. <i>Industrial & Engineering Chemistry Research</i> , 2017, 56, 9569-9577.	3.7	25
7	Cellulose nanofibrils coated paper substrate to detect trace molecules using surface-enhanced Raman scattering. <i>Cellulose</i> , 2018, 25, 3339-3350.	4.9	22
8	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
9	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
10	Effect of coating binder on fold cracking of coated paper. <i>Nordic Pulp and Paper Research Journal</i> , 2015, 30, 361-368.	0.7	14
11	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
12	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
13	Thermal properties of graphite/salt hydrate phase change material stabilized by nanofibrillated cellulose. <i>Cellulose</i> , 2021, 28, 6845-6856.	4.9	9
14	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
15	Effect of core-shell structure latex on pigment coating properties. <i>BioResources</i> , 2019, 14, 1241-1251.	1.0	6
16	Structural Changes of the Coating Layer by Styrene/Acrylate Latex with Hydroxyethyl Methacrylate. <i>ACS Omega</i> , 2019, 4, 18405-18412.	3.5	5
17	Recycling of isopropanol for cost-effective, environmentally friendly production of carboxymethylated cellulose nanofibrils. <i>Carbohydrate Polymers</i> , 2019, 208, 365-371.	10.2	5
18	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

#	ARTICLE	IF	CITATIONS
19	Effects of charge density and molecular weight of cationic polyacrylamides on growth and structural characteristics of ground calcium carbonate aggregates. Nordic Pulp and Paper Research Journal, 2016, 31, 191-197.	0.7	1