Han Seong Kim

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3279825/publications.pdf

Version: 2024-02-01

28	401	759055 12	794469 19
papers	citations	h-index	g-index

29	29	29	565
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effects of SWCNT/PVDF composite web behavior on acoustic piezoelectric property. Sensors and Actuators A: Physical, 2021, 330, 112840.	2.0	10
2	Thermal insulation property of graphene/polymer coated textile based multi-layer fabric heating element with aramid fabric. Scientific Reports, 2020, 10, 17586.	1.6	12
3	Application of Various Metal-Organic Frameworks (MOFs) as Catalysts for Air and Water Pollution Environmental Remediation. Catalysts, 2020, 10, 195.	1.6	35
4	Highly flexible all-nonwoven piezoelectric generators based on electrospun poly(vinylidene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622 Tc	2.0	21
5	Fabrication of capacitive yarn torsion sensors based on an electrospinning coating method. Polymer International, 2019, 68, 1921-1927.	1.6	11
6	Fabrication of superabsorbent nanofibers based on sodium polyacrylate/poly(vinyl alcohol) and their water absorption characteristics. Polymer International, 2019, 68, 764-771.	1.6	9
7	Effect of molecular weight on humidity-sensitive characteristics of electrospun polyethylene oxide. Sensors and Actuators A: Physical, 2019, 294, 194-202.	2.0	9
8	High performance and moisture stable humidity sensors based on polyvinylidene fluoride nanofibers by improving electric conductivity. Polymer Engineering and Science, 2019, 59, 304-310.	1.5	14
9	Mechanism of Electrospinning for Poly(amic acid)/Polyacrylonitrile Fiber Fabrication. Journal of Macromolecular Science - Physics, 2018, 57, 222-230.	0.4	11
10	Structural deformation of PVDF nanoweb due to electrospinning behavior affected by solvent ratio. E-Polymers, 2018, 18, 339-345.	1.3	19
11	Poly(vinyl alcohol) coating on copper filament via electrospinning. Polymer International, 2017, 66, 1949-1953.	1.6	2
12	Dioxinodehydroeckol Enhances the Differentiation of Osteoblasts by Regulating the Expression of Phospho-Smad1/5/8. Marine Drugs, 2016, 14, 168.	2.2	10
13	Macromol. Rapid Commun. 3/2016. Macromolecular Rapid Communications, 2016, 37, 280-280.	2.0	0
14	Float printing deposition to control the morphology of TiO2 photoanodes on woven textile metal substrates for TCO-free flexible dye-sensitized solar cells. RSC Advances, 2016, 6, 67331-67339.	1.7	13
15	Monolithic-Structured Single-Layered Textile-Based Dye-Sensitized Solar Cells. Scientific Reports, 2016, 6, 34249.	1.6	20
16	Temperatureâ€Dependent Evolution of Poly(3â€Hexylthiophene) Typeâ€II Phase in a Blended Thin Film. Macromolecular Rapid Communications, 2016, 37, 203-208.	2.0	5
17	Observation of Electrospinning Behavior of Nanoscale Fibers by a High-Speed Camera. Journal of Macromolecular Science - Physics, 2016, 55, 201-210.	0.4	3
18	Insertion of Dye-Sensitized Solar Cells in Textiles using a Conventional Weaving Process. Scientific Reports, 2015, 5, 11022.	1.6	55

#	Article	IF	Citations
19	Electrospinning Instabilities in the Drop Formation and Multi-Jet Ejection Part II: Various Nozzle Diameters for PVA (Polyvinyl Alcohol) Polymer Solution. Journal of Macromolecular Science - Physics, 2011, 50, 528-539.	0.4	7
20	Effect of Poly(dimethylsiloxane) Content on the Properties of Water-Borne Poly(urethane-urea)s Containing MDI. Journal of Adhesion Science and Technology, 2011, 25, 2843-2856.	1.4	0
21	Electrospinning Mechanism for Producing Nanoscale Polymer Fibers. Journal of Macromolecular Science - Physics, 2010, 49, 122-131.	0.4	33
22	Nanofiber deposition by electroblowing of PVA (polyvinyl alcohol). Journal of Materials Science, 2009, 44, 1107-1112.	1.7	24
23	Objective wrinkle evaluation system of fabrics based on 2D FFT. Fibers and Polymers, 2009, 10, 260-265.	1.1	24
24	Anisotropy in structure and mechanical properties of perpendicular-laid nonwovens. Journal of Materials Science, 2008, 43, 2754-2760.	1.7	6
25	Compressional fatigue behaviors of air and mechanical folding nonwoven fabrics. Fibers and Polymers, 2008, 9, 203-209.	1.1	2
26	WRINKLE EVALUATION SYSTEM OF CLOTHES BASED ON 2D FFT. , 2007, , .		0
27	Orthotropic theory for the prediction of mechanical performance in thermally point-bonded nonwovens. Fibers and Polymers, 2004, 5, 139-144.	1.1	15
28	Relationship between fiber orientation distribution function and mechanical anisotropy of thermally point-bonded nonwovens. Fibers and Polymers, 2004, 5, 177-181.	1.1	26