

Youjiang Wang

List of Publications by Year in descending order

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24
papers

552
citations

777949

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685536

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26
all docs

26
docs citations

26
times ranked

882
citing authors

#	ARTICLE	IF	CITATIONS
1	Super stretchable chromatic polyurethane driven by anthraquinone chromogen as a chain extender. RSC Advances, 2019, 9, 2332-2342.	1.7	6
2	Gamma assisted synthesis and characterization of colloidal SF-AgNPs. AIP Conference Proceedings, 2019, , .	0.3	2
3	Unit cell modeling on torsion damage behavior of a novel three-dimensional integrated multilayer fabric-reinforced composite tubular structure. Textile Reseach Journal, 2019, 89, 4253-4264.	1.1	6
4	Axial impact compressive behaviors of a novel 3-D integrated multilayer fabric reinforced composite tubular structures. Thin-Walled Structures, 2019, 134, 363-372.	2.7	10
5	Effects of NCO/OH Ratio and Reactive Diluent Type on the Adhesion Strength of Polyurethane Methacrylates for Cord/Rubber Composites. Polymer-Plastics Technology and Engineering, 2018, 57, 935-944.	1.9	10
6	Preparation and characterisation of silk fibroinâ€“silver nanoparticles (SFâ€“AgNPs) composite films. Materials Research Innovations, 2017, 21, 210-214.	1.0	22
7	Study of the Curing Kinetics toward Development of Fast-Curing Epoxy Resins. Polymer-Plastics Technology and Engineering, 2017, 56, 161-170.	1.9	26
8	Synthesis and application of dual-curable PVB based adhesive formulations for cord/rubber applications. Journal of Adhesion Science and Technology, 2017, 31, 1900-1911.	1.4	3
9	Effect of gamma irradiation on synthesis and characterization of bio-nanocomposite SF/Ag nanoparticles. Radiation Effects and Defects in Solids, 2017, 172, 915-921.	0.4	7
10	Coating of cellulose-TiO2 nanoparticles on cotton fabric for durable photocatalytic self-cleaning and stiffness. Carbohydrate Polymers, 2016, 150, 107-113.	5.1	86
11	Synthesis of blocked waterborne polyurethane polymeric dyes with tailored molecular weight: thermal, rheological and printing properties. RSC Advances, 2016, 6, 56831-56838.	1.7	20
12	Biosynthesis of colloidal silver nanoparticles: Their characterization and potential antibacterial activity. Macromolecular Research, 2016, 24, 684-690.	1.0	34
13	Rapid Vacuum Infusion and Curing of Epoxy Composites with a Rubber-Cushioned Mold Design. Polymer-Plastics Technology and Engineering, 2016, 55, 1030-1038.	1.9	9
14	Optical properties of γ -irradiated Bombyx mori silk fibroin films. Radiation Effects and Defects in Solids, 2015, 170, 906-915.	0.4	14
15	Synthesis of polymeric dyes based on waterborne polyurethane for improved color stability. New Journal of Chemistry, 2015, 39, 3543-3550.	1.4	51
16	Predicting dynamic in-plane compressive properties of multi-axial multi-layer warp-knitted composites with a meso-model. Composites Part B: Engineering, 2015, 77, 278-290.	5.9	24
17	Anthraquinone chromophore covalently bonded blocked waterborne polyurethanes: synthesis and application. RSC Advances, 2015, 5, 30631-30639.	1.7	23
18	Preparation and characterization of silk fibroin/hydroxypropyl methyl cellulose (HPMC) blend films. Fibers and Polymers, 2015, 16, 1734-1741.	1.1	54

#	ARTICLE	IF	CITATIONS
19	Removal of spandex from nylon/spandex blended fabrics by selective polymer degradation. Textile Reseach Journal, 2014, 84, 16-27.	1.1	21
20	Melt spinning of continuous fibers by cold air attenuation I: experimental studies. Textile Reseach Journal, 2014, 84, 593-603.	1.1	9
21	Melt spinning of continuous fibers by cold air attenuation: II. Theoretical modeling. Textile Reseach Journal, 2014, 84, 604-613.	1.1	3
22	Thermal and mechanical properties of polypropylene nanocomposite materials reinforced with cellulose nano whiskers. Journal of Applied Polymer Science, 2012, 125, 2882-2889.	1.3	86
23	Preparation and colloidal dispersion behaviors of silica sol doped with organic pigment. Journal of Sol-Gel Science and Technology, 2012, 62, 266-272.	1.1	4
24	Effect of Atmospheric Plasma Treatment on Carbon Fiber/Epoxy Interfacial Adhesion. Journal of Adhesion Science and Technology, 2011, 25, 2897-2908.	1.4	22