

Dae Su

List of Publications by Year in descending order

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of Addition of Organoclays on Morphologies in Nylon 6/LLDPE Blends. <i>Macromolecular Chemistry and Physics</i> , 2005, 206, 878-884.	1.1	60
2	Preparation and physical properties of wood/polypropylene/clay nanocomposites. <i>Journal of Applied Polymer Science</i> , 2009, 111, 2769-2776.	1.3	49
3	Curing behavior and properties of epoxy nanocomposites with amine functionalized multiwall carbon nanotubes. <i>Polymer Composites</i> , 2009, 30, 415-421.	2.3	45
4	Reaction kinetics and characteristics of polyurethane/clay nanocomposites. <i>Journal of Applied Polymer Science</i> , 2005, 96, 1641-1647.	1.3	37
5	Recent development in thermoplastic/wood composites and nanocomposites: A review. <i>Korean Journal of Chemical Engineering</i> , 2016, 33, 3035-3049.	1.2	37
6	Biodegradable molecularly imprinted polymers based on poly(μ -caprolactone). <i>Biotechnology and Bioprocess Engineering</i> , 2007, 12, 152-156.	1.4	33
7	Rubber modified epoxy resin. I: Cure kinetics and chemorheology. <i>Polymer Engineering and Science</i> , 1994, 34, 625-631.	1.5	32
8	Rubber modified epoxy resin. II: Phase separation behavior. <i>Polymer Engineering and Science</i> , 1994, 34, 1598-1604.	1.5	32
9	Preparation and physical properties of polylactide/cellulose nanowhisker/nanoclay composites. <i>Polymer Composites</i> , 2013, 34, 293-298.	2.3	31
10	Curing behavior and structure of an epoxy/clay nanocomposite system. <i>Polymer Engineering and Science</i> , 2006, 46, 1318-1325.	1.5	30
11	Effects of an aminosilane and a tetrafunctional epoxy on the physical properties of difunctional epoxy/graphene nanoplatelets nanocomposites. <i>Polymer Engineering and Science</i> , 2014, 54, 969-976.	1.5	30
12	Ultraviolet-curing behavior and mechanical properties of a polyester acrylate resin. <i>Journal of Applied Polymer Science</i> , 2004, 92, 3921-3928.	1.3	28
13	Physical properties and morphology of polycaprolactone/starch/pine-leaf composites. <i>Journal of Applied Polymer Science</i> , 2007, 103, 928-934.	1.3	28
14	Effects of facile aminefunctionalization on the physical properties of epoxy/graphene nanoplatelets nanocomposites. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	1.3	27
15	Effect of clay content on the ultraviolet-curing and physical properties of urethane-acrylate/clay nanocomposites. <i>Polymer Composites</i> , 2007, 28, 325-330.	2.3	26
16	Preparation and physical properties of an epoxy nanocomposite with amine-functionalized graphenes. <i>Polymer Engineering and Science</i> , 2014, 54, 985-991.	1.5	21
17	Compressive Mechanical Properties of the Nomex/Thermoset Honeycomb Cores. <i>Polymers for Advanced Technologies</i> , 1997, 8, 1-7.	1.6	18
18	Reaction injection molding process of glass fiber reinforced polyurethane composites. <i>Polymer Engineering and Science</i> , 2000, 40, 2205-2216.	1.5	18

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19	Effects of rubber type on the curing and physical properties of silica filled rubber compounds. <i>Polymers for Advanced Technologies</i> , 2008, 19, 1062-1068.	1.6	18
20	Curing behavior and physical properties of an epoxy nanocomposite with amine-functionalized graphene nanoplatelets. <i>Composite Interfaces</i> , 2016, 23, 675-687.	1.3	18
21	UV-curing and mechanical properties of polyester-acrylate nanocomposites films with silane-modified antimony doped tin oxide nanoparticles. <i>Journal of Applied Polymer Science</i> , 2013, 129, 1340-1344.	1.3	17
22	Mechanical properties and structures of dicyanate-clay nanocomposites. <i>Journal of Applied Polymer Science</i> , 2003, 90, 2629-2633.	1.3	16
23	Effect of different preparation routes on the structure and properties of rigid polyurethane-layered silicate nanocomposites. <i>Journal of Applied Polymer Science</i> , 2006, 102, 2894-2903.	1.3	16
24	Cure kinetics and properties of epoxy/dicyanate blends. <i>Polymer Engineering and Science</i> , 2000, 40, 1429-1434.	1.5	13
25	Chemorheological studies on a thermoset PU/clay nanocomposite system. <i>Composite Interfaces</i> , 2007, 14, 449-465.	1.3	13
26	Physical properties of PVC/aminosilane-treated wood flour/organoclay composites. <i>Polymers for Advanced Technologies</i> , 2012, 23, 1441-1445.	1.6	13
27	Cure and thermal decomposition kinetics of a DGEBA/amine system modified with epoxidized soybean oil. <i>Journal of Thermal Analysis and Calorimetry</i> , 2021, 144, 119-126.	2.0	12
28	Effect of preshearing on the structure and properties of poly(methyl methacrylate)/clay nanocomposite panels. <i>Journal of Applied Polymer Science</i> , 2008, 110, 2957-2960.	1.3	11
29	Physical properties of polyester-acrylate/clay nanocomposite films with different organoclays. <i>Polymer Composites</i> , 2009, 30, 926-931.	2.3	11
30	Curing and mechanical properties of dicyanate/poly(ether sulfone) semi-interpenetrating polymer networks. <i>Journal of Applied Polymer Science</i> , 2003, 87, 1079-1084.	1.3	10
31	Preparation and mechanical properties of green epoxy nanocomposites with cellulose nanocrystals. <i>Polymer Engineering and Science</i> , 2020, 60, 439-445.	1.5	9
32	Polymerization kinetics and thermal properties of dicyanate/clay nanocomposites. <i>Journal of Applied Polymer Science</i> , 2004, 92, 1955-1960.	1.3	8
33	Curing behavior and physical properties of epoxy nanocomposites comprising amine-functionalized carbon nanofillers. <i>Polymer Composites</i> , 2010, 31, 1449-1456.	2.3	8
34	Effect of blending polyethersulfone on the cure kinetics and physical properties of dicyanate resin. <i>Journal of Applied Polymer Science</i> , 2001, 82, 1952-1962.	1.3	7
35	Effects of organic modifications of clay on the ultraviolet-curing behavior and structure of a polyester-acrylate/clay nanocomposite system. <i>Polymers for Advanced Technologies</i> , 2008, 19, 1236-1241.	1.6	7
36	Preparation and Physical Properties of Polypropylene/Cellulose Composites. <i>Porrime</i> , 2015, 39, 130-135.	0.0	7

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37	UV-cured polyester-acrylate nanocomposite films with silane-grafted silica nanoparticles. <i>Polymers for Advanced Technologies</i> , 2012, 23, 414-417.	1.6	6
38	Physical properties of polypropylene composites with hydrophobized cellulose powder by soybean oil. <i>Journal of Applied Polymer Science</i> , 2016, 133, .	1.3	6
39	Preparation and physical properties of polypropylene nanocomposites with dodecylated graphene nanoplatelets. <i>Composite Interfaces</i> , 2017, 24, 335-345.	1.3	6
40	Characterization and properties of carbon/PMR-15 composites. <i>Polymers for Advanced Technologies</i> , 1995, 6, 711-716.	1.6	5
41	Estimation of viscosity functions for thermosets from spiral mold filling. <i>Journal of Applied Polymer Science</i> , 2001, 80, 873-884.	1.3	5
42	Chemorheological studies on a dicyanate resin modified with polyethersulfone. <i>Polymer International</i> , 2004, 53, 640-645.	1.6	5
43	Color change of an iodinated poly(vinyl alcohol) film by physical deformation. <i>Journal of Applied Polymer Science</i> , 2016, 133, .	1.3	5
44	Effect of alkyl chain length grafted to graphene nanoplatelets on the characteristics of polypropylene nanocomposites. <i>Polymer Engineering and Science</i> , 2019, 59, 752-756.	1.5	5
45	Effect of functionality and content of epoxidized soybean oil on the physical properties of a modified diglycidyl ether of bisphenol A resin system. <i>Journal of Applied Polymer Science</i> , 2021, 138, app50441.	1.3	4
46	Physical Properties of a DGEBA Epoxy Resin System Modified with Epoxidized Soybean Oil. <i>Porrime</i> , 2019, 43, 359-364.	0.0	1
47	Phase separation behavior of epoxy resin modified with crosslinked rubber. <i>Polymers for Advanced Technologies</i> , 1993, 4, 348-354.	1.6	0