

Deepak Srivastava

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10572752/publications.pdf>

Version: 2024-02-01

55
papers

1,206
citations

361296

20
h-index

395590

33
g-index

55
all docs

55
docs citations

55
times ranked

846
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermal and mechanical characterization of alumina modified multifunctional novolac epoxy nanocomposites. <i>Polymers and Polymer Composites</i> , 2022, 30, 096739112210818.	1.0	0
2	Simulation of the thermal degradation and curing kinetics of fly ash reinforced diglycidyl ether bisphenol A composite. <i>Journal of the Indian Chemical Society</i> , 2021, 98, 100077.	1.3	4
3	Epoxy/Fly ash from Indian soil Chulha/nano CaCO_3 nanocomposite: Studies on mechanical and thermal properties. <i>Polymer Composites</i> , 2020, 41, 3237-3249.	2.3	7
4	The Himalayan cryosphere: past and present variability of the "third pole". <i>Geological Society Special Publication</i> , 2018, 462, 1-6.	0.8	7
5	Studies on the structural changes during curing of epoxy and its blend with CTBN. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 188, 99-105.	2.0	19
6	Studies on the Thermal, Mechanical and Chemical Resistance Properties of Natural Resource Derived Polymers. <i>Materials Research</i> , 2015, 18, 1217-1223.	0.6	15
7	Mechanical, chemical, and curing characteristics of cardanol-furfural-based novolac resin for application in green coatings. <i>Journal of Coatings Technology Research</i> , 2015, 12, 303-311.	1.2	22
8	Microwave-assisted synthesis and characterization of resole-type phenolic resins. <i>High Performance Polymers</i> , 2015, 27, 19-30.	0.8	2
9	Preparation and Thermo-Mechanical Characterization of Novel Epoxy Resins Using Renewable Resource Materials. <i>Journal of Polymers and the Environment</i> , 2015, 23, 283-293.	2.4	12
10	Synthesis, Spectral and Thermal Degradation Kinetics of the Epoxidized Resole Resin Derived from Cardanol. <i>Advances in Polymer Technology</i> , 2015, 34, .	0.8	17
11	Physical and chemical toughening of cardanol-based vinyl ester resin using CTBN: A study on spectral, thermal and morphological characteristics. <i>Progress in Organic Coatings</i> , 2015, 78, 307-317.	1.9	13
12	Studies on the effect of concentration of formaldehyde on the synthesis of resole-type epoxidized phenolic resin from renewable resource material. <i>Designed Monomers and Polymers</i> , 2014, 17, 69-77.	0.7	17
13	Compatibility, thermal, mechanical and morphological properties of cardanol based epoxidized resin modified with liquid rubber. <i>International Journal of Plastics Technology</i> , 2014, 18, 27-48.	2.9	5
14	Effect of glycidyl methacrylate (GMA) content on thermal and mechanical properties of ternary blend systems based on cardanol-based vinyl ester resin, styrene and glycidyl methacrylate. <i>Progress in Organic Coatings</i> , 2014, 77, 1208-1220.	1.9	24
15	A Study on the Influence of the Temperature on the Formation of Cardanol-Based Phenolic Resin. <i>International Journal of Chemical Kinetics</i> , 2013, 45, 469-476.	1.0	8
16	Kinetics of Fullerene (C60) Inhibition in Polymerization of Vinyl Acetate (VA) Using Bismuthonium Ylide as Initiator. <i>Designed Monomers and Polymers</i> , 2012, 15, 311-328.	0.7	2
17	Modeling and simulation of curing kinetics for the cardanol-based vinyl ester resin by means of non-isothermal DSC measurements. <i>Materials Chemistry and Physics</i> , 2012, 132, 180-186.	2.0	36
18	Kinetics of Fullerene (C60) Inhibition in Polymerization of Methyl Acrylate using Bismuthonium Ylide and Bismuthonium Ylide-Mercuric Chloride Complex as Initiators. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2011, 48, 595-606.	1.2	4

#	ARTICLE	IF	CITATIONS
19	The Effect of CTBN Concentrations on the Kinetic Parameters of Decomposition of Blends of Epoxy Resins Modified with Carboxyl-Terminated Liquid Copolymer. <i>Journal of Polymers and the Environment</i> , 2011, 19, 950-956.	2.4	6
20	Process modeling, optimization and analysis of esterification reaction of cashew nut shell liquid (CNSL)-derived epoxy resin using response surface methodology. <i>Journal of Hazardous Materials</i> , 2011, 185, 1198-1204.	6.5	63
21	Study on the Effect of Carboxyl Terminated Butadiene Acrylonitrile (CTBN) Copolymer Concentration on the Decomposition Kinetics Parameters of Blends of Glycidyl Epoxy and Non-Glycidyl Epoxy Resin. <i>International Journal of Organic Chemistry</i> , 2011, 01, 105-112.	0.3	9
22	Blends of cardanol-based epoxidized novolac resin and CTBN for application in surface coating: a study on thermal, mechanical, chemical, and morphological characteristics. <i>Journal of Coatings Technology Research</i> , 2010, 7, 557-568.	1.2	22
23	Kinetic modeling of esterification of cardanol-based epoxy resin in the presence of triphenylphosphine for producing vinyl ester resin: Mechanistic rate equation. <i>Journal of Applied Polymer Science</i> , 2010, 118, 1979-1989.	1.3	10
24	A study on the kinetics of condensation reaction of phenol-modified cardanol-formaldehyde resin. <i>International Journal of Chemical Kinetics</i> , 2010, 42, 380-389.	1.0	5
25	Laminates based on vinyl ester resin and glass fabric: A study on the thermal, mechanical and morphological characteristics. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2010, 527, 4560-4570.	2.6	40
26	Studies on the synthesis and curing of epoxidized novolac vinyl ester resin from renewable resource material. <i>European Polymer Journal</i> , 2010, 46, 2019-2032.	2.6	92
27	A study on the kinetics of condensation reaction of cardanol and formaldehyde, part I. <i>International Journal of Chemical Kinetics</i> , 2009, 41, 559-572.	1.0	14
28	Synthesis and properties of cardanol-based epoxidized novolac resins modified with carboxyl-terminated butadiene-acrylonitrile copolymer. <i>Journal of Applied Polymer Science</i> , 2009, 114, 1670-1681.	1.3	31
29	Cure kinetics of ternary blends of epoxy resins studied by nonisothermal DSC data. <i>Journal of Applied Polymer Science</i> , 2009, 112, 3119-3126.	1.3	37
30	The effect of CTBN concentrations on the kinetic parameters of decomposition of blends of cardanol-based epoxidized novolac resin modified with carboxyl-terminated liquid copolymer. <i>Journal of Applied Polymer Science</i> , 2009, 114, 1694-1701.	1.3	8
31	Studies on synthesis of modified epoxidized novolac resin from renewable resource material for application in surface coating. <i>Journal of Applied Polymer Science</i> , 2009, 114, 1471-1484.	1.3	30
32	Toughened cycloaliphatic epoxy resin for demanding thermal applications and surface coatings. <i>Journal of Applied Polymer Science</i> , 2009, 114, 2769-2776.	1.3	22
33	Studies on blends of cycloaliphatic epoxy resin with varying concentrations of carboxyl terminated butadiene acrylonitrile copolymer I: Thermal and morphological properties. <i>Bulletin of Materials Science</i> , 2009, 32, 199-204.	0.8	14
34	Studies on the process variables of the condensation reaction of cardanol and formaldehyde by response surface methodology. <i>European Polymer Journal</i> , 2009, 45, 946-952.	2.6	22
35	Studies on the effect of curing agent concentration and type of phenol on various physico-chemical properties of resole and epoxy blends. <i>Journal of Applied Polymer Science</i> , 2008, 110, 3812-3819.	1.3	0
36	Studies on the physico-mechanical and thermal characteristics of blends of DGEBA epoxy, 3,4 epoxy cyclohexylmethyl, 3,4-epoxycyclohexane carboxylate and carboxyl terminated butadiene co-acrylonitrile (CTBN). <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2008, 496, 483-493.	2.6	68

#	ARTICLE	IF	CITATIONS
37	Studies on cardanol-based epoxidized novolac resin and its blends. Chemistry and Chemical Technology, 2008, 2, 173-184.	0.2	12
38	Effect of carboxyl-terminated butadiene acrylonitrile copolymer concentration on mechanical and morphological features of binary blends of nonglycidyl-type epoxy resins. Advances in Polymer Technology, 2007, 26, 258-271.	0.8	16
39	Optimization of the process variables for the synthesis of cardanol-based novolac-type phenolic resin using response surface methodology. European Polymer Journal, 2007, 43, 3531-3537.	2.6	33
40	Studies on the blends of cardanol-based epoxidized novolac resin and CTPB. European Polymer Journal, 2007, 43, 2422-2432.	2.6	28
41	Effect of carboxyl-terminated poly(butadiene-co-acrylonitrile) (CTBN) concentration on thermal and mechanical properties of binary blends of diglycidyl ether of bisphenol-A (DGEBA) epoxy resin. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2007, 443, 262-269.	2.6	172
42	Studies on the blends of cardanol-based epoxidized novolac type phenolic resin and carboxyl-terminated polybutadiene (CTPB), I. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2007, 458, 336-347.	2.6	70
43	Kinetics of the acid-catalyzed cardanol-formaldehyde reactions. Materials Chemistry and Physics, 2007, 106, 74-81.	2.0	32
44	Studies on Mechanical and Thermal Properties of Ternary Blends of Polyethylenes Having Fixed Percentage of High-Density Polyethylene-II. Polymer-Plastics Technology and Engineering, 2006, 45, 879-883.	1.9	7
45	Blends of modified epoxy resin and carboxyl-terminated polybutadiene. I. Journal of Applied Polymer Science, 2006, 100, 1802-1808.	1.3	29
46	Cardanol-based novolac-type phenolic resins. I. A kinetic approach. Journal of Applied Polymer Science, 2006, 102, 2730-2737.	1.3	47
47	The effect of orientation of various phenols on the degradation kinetics of blends of resole and epoxy. Journal of Applied Polymer Science, 2006, 102, 4171-4176.	1.3	6
48	Studies on mechanical and thermal properties of ternary blends of polyethylenes. I. Journal of Applied Polymer Science, 2005, 96, 1691-1698.	1.3	6
49	Ternary Blended Polyethylene Films: A Study on Its Mechanical and Thermal Properties. Polymer-Plastics Technology and Engineering, 2003, 42, 229-237.	1.9	5
50	OPTIMIZATION STUDIES ON THE DEVELOPMENT OF METHYLMETHACRYLATE (MMA)-GRAFTED NYLON-6 FIBERS WITH HIGH PERCENTAGE GRAFTING. Journal of Polymer Engineering, 2002, 22, .	0.6	6
51	Decomposition behavior of vinyl ester resins prepared in presence of tertiary amines. Polymer-Plastics Technology and Engineering, 2002, 41, 327-340.	1.9	2
52	STUDY OF DEGRADATION KINETICS OF BLENDS OF EPOXY AND RESOLE: A STATISTICAL APPROACH. Materials and Manufacturing Processes, 2001, 16, 281-289.	2.7	5
53	AGING CHARACTERISTICS OF TERNARY BLENDS OF POLYETHYLENES. I. Materials and Manufacturing Processes, 2001, 16, 419-425.	2.7	5
54	Optimization studies of blend composition and ageing parameters for making LDPE/HDPE/LLDPE films by response surface methodology. Macromolecular Materials and Engineering, 2000, 283, 81-87.	1.7	9

#	ARTICLE	IF	CITATIONS
55	Degradation Kinetics of Resole-Modified Epoxy. I. Journal of Macromolecular Science - Pure and Applied Chemistry, 1997, 34, 59-66.	1.2	9