

Bã©la Pukã;nszky

List of Publications by Year in descending order

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179
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all docs

183
docs citations

183
times ranked

6532
citing authors

#	ARTICLE	IF	CITATIONS
1	Pomegranate extract for the processing stabilization of polyethylene. <i>Journal of Vinyl and Additive Technology</i> , 2022, 28, 321-330.	1.8	7
2	Stabilization of PE with Pomegranate Extract: Contradictions and Possible Mechanisms. <i>Antioxidants</i> , 2022, 11, 418.	2.2	5
3	Improved Release of a Drug with Poor Water Solubility by Using Electrospun Water-Soluble Polymers as Carriers. <i>Pharmaceutics</i> , 2022, 14, 34.	2.0	14
4	Three-component polypropylene/lignin/flax composites with high natural additive content for structural applications. <i>Industrial Crops and Products</i> , 2022, 182, 114890.	2.5	11
5	Quantitative analysis of factors determining the enzymatic degradation of poly(lactic acid). <i>International Journal of Biological Macromolecules</i> , 2022, 209, 1703-1709.	3.6	10
6	Melt stabilization of polyethylene with natural antioxidants: comparison of a natural extract and its main component. <i>Journal of Thermal Analysis and Calorimetry</i> , 2021, 145, 67-75.	2.0	7
7	Effect of various organic fibers on the stiffness, strength and impact resistance of polypropylene; a comparison. <i>Polymer International</i> , 2021, 70, 145-153.	1.6	14
8	Impact modification of fiber reinforced polypropylene composites with flexible poly(ethylene Terephthalate) fiber. <i>Journal of Applied Polymer Science</i> , 2021, 124, 46248.	1.6	8
9	Biobased PLA/sugarcane bagasse fiber composites: Effect of fiber characteristics and interfacial adhesion on properties. <i>Composites Part A: Applied Science and Manufacturing</i> , 2021, 143, 106273.	3.8	38
10	Improvement of the impact resistance of natural fiber reinforced polypropylene composites through hybridization. <i>Polymers for Advanced Technologies</i> , 2021, 32, 2499-2507.	1.6	14
11	Effect of fiber attrition, particle characteristics and interfacial adhesion on the properties of PP/sugarcane bagasse fiber composites. <i>Polymer Testing</i> , 2021, 98, 107189.	2.3	16
12	Rheology of PLA/regenerated cellulose nanocomposites prepared by the pickering emulsion process: Network formation and modeling. <i>Materials and Design</i> , 2021, 206, 109774.	3.3	13
13	Ring-opening polymerization of ϵ -caprolactone from cellulose acetate by reactive processing. <i>Cellulose</i> , 2021, 28, 9103-9116.	2.4	5
14	Physical and Chemical Aspects of the Preparation and Drug Release of Electrospun Scaffolds. <i>Pharmaceutics</i> , 2021, 13, 1645.	2.0	4
15	Poly- ϵ -Caprolactone/Halloysite Nanotube Composites for Resorbable Scaffolds: Effect of Processing Technology on Homogeneity and Electrospinning. <i>Polymers</i> , 2021, 13, 3772.	2.0	0
16	Deformation and Failure Mechanism of Particulate Filled and Short Fiber Reinforced Thermoplastics: Detection and Analysis by Acoustic Emission Testing. <i>Polymers</i> , 2021, 13, 3931.	2.0	4
17	Reinforcement of polypropylene with alkali-treated sugarcane bagasse fibers: Mechanism and consequences. <i>Composites Science and Technology</i> , 2020, 200, 108428.	3.8	18
18	Synthesis and Applications of Cinchona Squaramide Modified Poly(Glycidyl Methacrylate) Microspheres as Recyclable Polymer Grafted Enantioselective Organocatalysts. <i>Chemistry - A European Journal</i> , 2020, 26, 13513-13522.	1.7	6

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19	Coupling of PMMA to the surface of a layered silicate by intercalative polymerization: processes, structure and properties. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 601, 124979.	2.3	7
20	Reinforcement of PP with polymer fibers: Effect of matrix characteristics, fiber type and interfacial adhesion. <i>Polymer</i> , 2020, 190, 122203.	1.8	17
21	<p>Electrospun PLA Fibers Containing Metronidazole for Periodontal Disease</p>. <i>Drug Design, Development and Therapy</i> , 2020, Volume 14, 233-242.	2.0	18
22	Alkali treatment of lignocellulosic fibers extracted from sugarcane bagasse: Composition, structure, properties. <i>Polymer Testing</i> , 2020, 88, 106549.	2.3	77
23	Poly(lactic acid)/cellulose nanocrystal composites via the Pickering emulsion approach: Rheological, thermal and mechanical properties. <i>International Journal of Biological Macromolecules</i> , 2019, 137, 197-204.	3.6	63
24	Particulate Filled Polypropylene: Structure and Properties. , 2019, , 357-417.		3
25	Silane modification of layered silicates and the mechanism of network formation from exfoliated layers. <i>Applied Clay Science</i> , 2019, 171, 74-81.	2.6	10
26	Deformation and failure of sugarcane bagasse reinforced PP. <i>European Polymer Journal</i> , 2019, 112, 153-160.	2.6	34
27	Structure evolution in poly(ethylene-co-vinyl alcohol)/lignin blends: Effect of interactions and composition. <i>European Polymer Journal</i> , 2019, 111, 74-81.	2.6	5
28	Poly(lactic acid)/lignin blends prepared with the Pickering emulsion template method. <i>European Polymer Journal</i> , 2019, 110, 378-384.	2.6	63
29	Melt stabilization of PE with natural antioxidants: Comparison of rutin and quercetin. <i>European Polymer Journal</i> , 2018, 103, 228-237.	2.6	21
30	Hips/zeolite hybrid composites as active packaging materials: Structure and functional properties. <i>European Polymer Journal</i> , 2018, 103, 88-94.	2.6	8
31	Hydrogen bonding interactions in poly(ethylene-co-vinyl alcohol)/lignin blends. <i>International Journal of Biological Macromolecules</i> , 2018, 107, 1203-1211.	3.6	26
32	Long term stabilization of PE by the controlled release of a natural antioxidant from halloysite nanotubes. <i>Polymer Degradation and Stability</i> , 2018, 147, 229-236.	2.7	13
33	Comparison of the reinforcing effect of various micro- and nanofillers in PA6. <i>Polymer Testing</i> , 2018, 72, 178-186.	2.3	9
34	Interfacial interactions and reinforcement in thermoplastics/zeolite composites. <i>Composites Part B: Engineering</i> , 2017, 114, 386-394.	5.9	16
35	Polymer/lignin blends: Interactions, properties, applications. <i>European Polymer Journal</i> , 2017, 93, 618-641.	2.6	276
36	Natural antioxidants as melt stabilizers for PE: Comparison of silymarin and quercetin. <i>European Polymer Journal</i> , 2017, 90, 456-466.	2.6	16

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37	Coupling of poly(lactic acid) with a polyurethane elastomer by reactive processing. <i>European Polymer Journal</i> , 2017, 97, 409-417.	2.6	15
38	Competitive Interactions in Aromatic Polymer/Lignosulfonate Blends. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 410-419.	3.2	42
39	Particulate Fillers in Thermoplastics. <i>Polymers and Polymeric Composites</i> , 2017, , 51-93.	0.6	8
40	Adsorption of an active molecule on the surface of halloysite for controlled release application: Interaction, orientation, consequences. <i>Applied Clay Science</i> , 2016, 132-133, 167-174.	2.6	13
41	Modification of interactions in polypropylene/lignosulfonate blends. <i>Materials and Design</i> , 2016, 103, 32-39.	3.3	59
42	Improvement of the impact strength of ethylene- ϵ propylene random copolymers by nucleation. <i>Journal of Applied Polymer Science</i> , 2016, 133, .	1.3	16
43	Competitive interactions and controlled release of a natural antioxidant from halloysite nanotubes. <i>Journal of Colloid and Interface Science</i> , 2016, 462, 123-129.	5.0	10
44	Particulate Fillers in Thermoplastics. , 2016, , 1-43.		3
45	Physical ageing and molecular mobility in PLA blends and composites. <i>Journal of Thermal Analysis and Calorimetry</i> , 2015, 122, 1423-1433.	2.0	35
46	Efficiency of curcumin, a natural antioxidant, in the processing stabilization of PE: Concentration effects. <i>Polymer Degradation and Stability</i> , 2015, 118, 17-23.	2.7	28
47	Modification of interfacial adhesion with a functionalized polymer in PLA/wood composites. <i>European Polymer Journal</i> , 2015, 68, 592-600.	2.6	88
48	Particulate Fillers in Thermoplastics. , 2015, , 1-35.		2
49	Study of the effect of natural antioxidants in polyethylene: Performance of β -carotene. <i>Polymer Degradation and Stability</i> , 2014, 102, 33-40.	2.7	39
50	Efficient melt stabilization of polyethylene with quercetin, a flavonoid type natural antioxidant. <i>Polymer Degradation and Stability</i> , 2014, 102, 41-48.	2.7	61
51	PLA/lignocellulosic fiber composites: Particle characteristics, interfacial adhesion, and failure mechanism. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	1.3	52
52	Wood fiber reinforced multicomponent, multiphase PP composites: Structure, properties, failure mechanism. <i>Composites Science and Technology</i> , 2014, 103, 106-112.	3.8	22
53	Effect of Matrix Characteristics on the Properties of High-Impact Polystyrene/Zeolite Functional Packaging Materials. <i>Industrial & Engineering Chemistry Research</i> , 2014, 53, 19208-19215.	1.8	3
54	Chain regularity of isotactic polypropylene determined by different thermal fractionation methods. <i>Journal of Thermal Analysis and Calorimetry</i> , 2014, 118, 235-245.	2.0	17

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55	Effect of the Molecular Structure of the Polymer and Nucleation on the Optical Properties of Polypropylene Homo- and Copolymers. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 7456-7463.	4.0	36
56	The role of solubility and critical temperatures for the efficiency of sorbitol clarifiers in polypropylene. <i>RSC Advances</i> , 2014, 4, 19737-19745.	1.7	31
57	Performance of PE pipes under extractive conditions: Effect of the additive package and processing. <i>Polymer Degradation and Stability</i> , 2014, 99, 196-203.	2.7	8
58	Thermoplastic starch/wood composites: Interfacial interactions and functional properties. <i>Carbohydrate Polymers</i> , 2014, 102, 821-829.	5.1	46
59	Factors determining the performance of thermoplastic polymer/wood composites; the limiting role of fiber fracture. <i>Materials & Design</i> , 2014, 61, 203-210.	5.1	17
60	Processing stabilisation of PE with a natural antioxidant, curcumin. <i>European Polymer Journal</i> , 2013, 49, 1196-1203.	2.6	53
61	Structure, properties and interfacial interactions in poly(lactic acid)/polyurethane blends prepared by reactive processing. <i>European Polymer Journal</i> , 2013, 49, 3104-3113.	2.6	58
62	Functional packaging materials: factors affecting the capacity and rate of water adsorption in desiccant composites. <i>Journal of Polymer Research</i> , 2013, 20, 1.	1.2	17
63	Ecotoxicity and fungal deterioration of recycled polypropylene/wood composites: Effect of wood content and coupling. <i>Chemosphere</i> , 2013, 93, 408-414.	4.2	15
64	Effect of molecular architecture on the crystalline structure and stiffness of iPP homopolymers: Modeling based on annealing experiments. <i>Journal of Applied Polymer Science</i> , 2013, 130, 3365-3373.	1.3	28
65	Effect of Clay Modification on the Mechanism of Local Deformations in PA6 Nanocomposites. <i>Macromolecular Materials and Engineering</i> , 2013, 298, 796-805.	1.7	3
66	Quantitative estimation of the strength of specific interactions in polyurethane elastomers, and their effect on structure and properties. <i>European Polymer Journal</i> , 2012, 48, 1854-1865.	2.6	23
67	Adhesion and micromechanical deformation processes in PLA/CaSO ₄ composites. <i>Carbohydrate Polymers</i> , 2012, 89, 759-767.	5.1	28
68	Polymer nanocomposites: structure, interaction, and functionality. <i>Nanoscale</i> , 2012, 4, 1919.	2.8	88
69	Nanocomposites. , 2011, , 109-142.		25
70	Melt stabilisation of Phillips type polyethylene, Part III: Correlation of film strength with the rheological characteristics of the polymer. <i>Polymer Degradation and Stability</i> , 2011, 96, 1771-1779.	2.7	1
71	Estimation of interphase thickness and properties in PP/layered silicate nanocomposites. <i>European Polymer Journal</i> , 2011, 47, 1765-1774.	2.6	33
72	Hierarchical structure of phase-separated segmented polyurethane elastomers and its effect on properties. <i>Polymer International</i> , 2011, 60, 529-536.	1.6	26

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73	Quantitative mapping of elastic moduli at the nanoscale in phase separated polyurethanes by AFM. <i>European Polymer Journal</i> , 2011, 47, 692-698.	2.6	192
74	Effect of clay modification on the structure and mechanical properties of polyamide-6 nanocomposites. <i>European Polymer Journal</i> , 2011, 47, 5-15.	2.6	46
75	Structure and surface coverage of water-based stearate coatings on calcium carbonate nanoparticles. <i>Journal of Colloid and Interface Science</i> , 2011, 362, 67-73.	5.0	18
76	Thermo-oxidative stability of polypropylene/layered silicate nanocomposites. <i>Polymer Degradation and Stability</i> , 2011, 96, 581-587.	2.7	30
77	Atomic force microscopy based quantitative mapping of elastic moduli in phase separated polyurethanes and silica reinforced rubbers across the length scales. <i>Materials Research Society Symposia Proceedings</i> , 2011, 1318, 1.	0.1	0
78	Micromechanical deformations in PP/lignocellulosic filler composites: Effect of matrix properties. <i>Composites Science and Technology</i> , 2010, 70, 1141-1147.	3.8	30
79	Study of the high temperature reactions of a hindered aryl phosphite (Hostanox PAR 24) used as a processing stabiliser in polyolefins. <i>Polymer Degradation and Stability</i> , 2010, 95, 1883-1893.	2.7	18
80	High temperature reactions of an aryl-alkyl phosphine, an exceptionally efficient melt stabiliser for polyethylene. <i>Polymer Degradation and Stability</i> , 2010, 95, 1627-1635.	2.7	9
81	Filler/matrix-debonding and micro-mechanisms of deformation in particulate filled polypropylene composites under tension. <i>Polymer</i> , 2010, 51, 2040-2048.	1.8	39
82	Quantitative determination of interfacial adhesion in composites with strong bonding. <i>European Polymer Journal</i> , 2010, 46, 2000-2004.	2.6	25
83	Effect of various surface modifications of wood flour on the properties of PP/wood composites. <i>Composites Part A: Applied Science and Manufacturing</i> , 2010, 41, 199-206.	3.8	161
84	Micromechanical deformation processes in PP/wood composites: Particle characteristics, adhesion, mechanisms. <i>Composites Part A: Applied Science and Manufacturing</i> , 2010, 41, 1653-1661.	3.8	86
85	Modification of cellulose acetate with oligomeric polycaprolactone by reactive processing: Efficiency, compatibility, and properties. <i>Journal of Applied Polymer Science</i> , 2009, 113, 3255-3263.	1.3	10
86	Thermal analysis of the structure of segmented polyurethane elastomers. <i>Journal of Thermal Analysis and Calorimetry</i> , 2009, 98, 825.	2.0	27
87	The influence of nucleus density on optical properties in nucleated isotactic polypropylene. <i>European Polymer Journal</i> , 2009, 45, 3138-3148.	2.6	98
88	Melt stabilisation of Phillips type polyethylene, Part I: The role of phenolic and phosphorous antioxidants. <i>Polymer Degradation and Stability</i> , 2009, 94, 719-729.	2.7	40
89	Melt stabilisation of Phillips type polyethylene, Part II: Correlation between additive consumption and polymer properties. <i>Polymer Degradation and Stability</i> , 2009, 94, 1448-1456.	2.7	35
90	Deformation and failure of PP composites reinforced with lignocellulosic fibers: Effect of inherent strength of the particles. <i>Composites Science and Technology</i> , 2009, 69, 1653-1659.	3.8	63

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91	Dominating reactions in the degradation of HDPE during long term ageing in water. <i>Polymer Degradation and Stability</i> , 2008, 93, 1715-1722.	2.7	6
92	Polymer micro and nanocomposites: Structure, interactions, properties. <i>Journal of Industrial and Engineering Chemistry</i> , 2008, 14, 535-563.	2.9	262
93	Nanophase separation in segmented polyurethane elastomers: Effect of specific interactions on structure and properties. <i>European Polymer Journal</i> , 2008, 44, 2431-2438.	2.6	58
94	Molecular structure and properties of cellulose acetate chemically modified with caprolactone. <i>European Polymer Journal</i> , 2008, 44, 357-365.	2.6	39
95	Network Formation in PP/Layered Silicate Nanocomposites: Modeling and Analysis of Rheological Properties. <i>Macromolecular Symposia</i> , 2008, 267, 47-51.	0.4	9
96	Quantitative Characterization of the Structure of PP/Layered Silicate Nanocomposites at Various Length Scales. <i>Macromolecular Symposia</i> , 2008, 267, 52-56.	0.4	2
97	The preparation and properties of sodium and organomodified-montmorillonite/polypyrrole composites: A comparative study. <i>Synthetic Metals</i> , 2007, 157, 347-357.	2.1	42
98	Surface modification of wood flour and its effect on the properties of PP/wood composites. <i>Composites Part A: Applied Science and Manufacturing</i> , 2007, 38, 1893-1901.	3.8	115
99	Aggregation of CaCO ₃ particles in PP composites: Effect of surface coating. <i>Composites Science and Technology</i> , 2007, 67, 1574-1583.	3.8	100
100	Factors and processes influencing the reinforcing effect of layered silicates in polymer nanocomposites. <i>European Polymer Journal</i> , 2007, 43, 345-359.	2.6	113
101	Micromechanical deformation processes in PA/layered silicate nanocomposites: Correlation of structure and properties. <i>Polymer Engineering and Science</i> , 2007, 47, 1235-1245.	1.5	16
102	Wood flour filled polypropylene composites: Interfacial adhesion and micromechanical deformations. <i>Polymer Engineering and Science</i> , 2007, 47, 1246-1255.	1.5	88
103	External and internal plasticization of cellulose acetate with caprolactone: Structure and properties. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2007, 45, 873-883.	2.4	45
104	Wood flour filled PP composites: Compatibilization and adhesion. <i>Composites Science and Technology</i> , 2007, 67, 2838-2846.	3.8	192
105	Surface Characteristics of Layered Silicates: Influence on the Properties of Clay/Polymer Nanocomposites. <i>Langmuir</i> , 2006, 22, 7848-7854.	1.6	91
106	Poly(propylene)/montmorillonite/polypyrrole composites: structure and conductivity. <i>Polymers for Advanced Technologies</i> , 2006, 17, 715-726.	1.6	25
107	Wood flour filled PP composites: adhesion, deformation, failure. <i>Polymers for Advanced Technologies</i> , 2006, 17, 967-974.	1.6	73
108	Efficiency and mechanism of phosphorous antioxidants in Phillips type polyethylene. <i>Polymer Degradation and Stability</i> , 2006, 91, 479-487.	2.7	40

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109	Restricted chain segment mobility in poly(amide) 6/clay nanocomposites evidenced by quasi-isothermal crystallization. <i>Polymer</i> , 2006, 47, 826-835.	1.8	97
110	Quantitative estimation of the reinforcing effect of layered silicates in PP nanocomposites. <i>Polymer</i> , 2006, 47, 4638-4648.	1.8	80
111	Morphology Characterization of PP/Clay Nanocomposites Across the Length Scales of the Structural Architecture. <i>Macromolecular Materials and Engineering</i> , 2006, 291, 858-868.	1.7	57
112	Formation and Detection of Clay Network Structure in Poly(propylene)/Layered Silicate Nanocomposites. <i>Macromolecular Rapid Communications</i> , 2006, 27, 132-135.	2.0	53
113	Thermoplastic starch/layered silicate composites: structure, interaction, properties. <i>Composite Interfaces</i> , 2006, 13, 1-17.	1.3	49
114	Miscibility-structure-property correlation in blends of ethylene vinyl alcohol copolymer and polyamide 6/66. <i>Journal of Colloid and Interface Science</i> , 2005, 283, 79-86.	5.0	19
115	Grafting of caprolacton to cellulose acetate by reactive processing. <i>European Polymer Journal</i> , 2005, 41, 1699-1707.	2.6	38
116	Interfaces and interphases in multicomponent materials: past, present, future. <i>European Polymer Journal</i> , 2005, 41, 645-662.	2.6	274
117	Effect of molecular interactions on the miscibility and structure of polymer blends. <i>European Polymer Journal</i> , 2005, 41, 727-736.	2.6	109
118	Analysis of the debonding process in polypropylene model composites. <i>European Polymer Journal</i> , 2005, 41, 2520-2529.	2.6	45
119	Controlling the Deintercalation in Hydrogenated Nitrile Rubber (HNBR)/Organo-Montmorillonite Nanocomposites by Curing with Peroxide. <i>Macromolecular Rapid Communications</i> , 2005, 26, 915-919.	2.0	70
120	Possible mechanism of interaction among the components in MAPP modified layered silicate PP nanocomposites. <i>Polymer</i> , 2005, 46, 8001-8010.	1.8	52
121	Surface chemistry and adhesion in carbon fiber reinforced epoxy microcomposites. <i>Composite Interfaces</i> , 2005, 12, 243-258.	1.3	2
122	Experimental evidence for reduced chain segment mobility in poly(amide)-6/clay nanocomposites. <i>Composite Interfaces</i> , 2005, 12, 787-803.	1.3	24
123	Miscibility, structure and properties of PP/PIB blends. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2004, 383, 307-315.	2.6	30
124	Determination of the surface characteristics of particulate fillers by inverse gas chromatography at infinite dilution: a critical approach. <i>Journal of Colloid and Interface Science</i> , 2004, 269, 143-152.	5.0	69
125	Effect of chain structure on the processing stability of high-density polyethylene. <i>Polymer Degradation and Stability</i> , 2004, 85, 1015-1021.	2.7	17
126	Morphology and Properties of Particulate Filled Polymers. <i>Macromolecular Symposia</i> , 2004, 214, 115-134.	0.4	55

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127	Preparation, Structure, And Properties Of PVC/Montmorillonite Nanocomposites. <i>Materials Research Innovations</i> , 2004, 8, 138-139.	1.0	10
128	Hydrolytic stability of phenolic antioxidants and its effect on their performance in high-density polyethylene. <i>Polymer Degradation and Stability</i> , 2003, 82, 211-219.	2.7	22
129	Aggregation of particulate fillers: factors, determination, properties. <i>Macromolecular Symposia</i> , 2003, 194, 111-124.	0.4	20
130	Coupling of carbon fibers to polycarbonate: surface chemistry and adhesion. <i>Composite Interfaces</i> , 2003, 10, 61-76.	1.3	13
131	Quantitative analysis of functional groups in HDPE powder by DRIFT spectroscopy. <i>Macromolecular Symposia</i> , 2003, 202, 97-116.	0.4	15
132	Surface characterization of electrochemically oxidized carbon fibers: surface properties and interfacial adhesion. <i>Composite Interfaces</i> , 2002, 9, 219-232.	1.3	29
133	Acid-Base Interactions and Interphase Formation in Particulate-Filled Polymers. <i>Journal of Adhesion</i> , 2002, 78, 861-875.	1.8	54
134	NUCLEATING EFFECT OF MONTMORILLONITE NANOPARTICLES IN POLYPROPYLENE. <i>Journal of Macromolecular Science - Physics</i> , 2002, 41, 1249-1265.	0.4	80
135	Prediction of the yield stress of composites containing particles with an interlayer of changing properties. <i>Composites Part A: Applied Science and Manufacturing</i> , 2002, 33, 1317-1322.	3.8	22
136	Modeling the Effect of a Soft Interlayer on the Stress Distribution around Fibers: Longitudinal and Transverse Loading. <i>Macromolecular Materials and Engineering</i> , 2002, 287, 139-148.	1.7	10
137	Electrochemical oxidation of carbon fibres: adsorption of the electrolyte and its effect on interfacial adhesion. <i>Composites Part A: Applied Science and Manufacturing</i> , 2002, 33, 1361-1365.	3.8	31
138	Miscibility-property correlations in blends of glassy amorphous polymers. <i>Macromolecular Symposia</i> , 2001, 170, 9-20.	0.4	17
139	Study on the Existence of Hydrogen Bonds in Ammonium Permanganate. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2001, 627, 114-118.	0.6	11
140	Damping of dynamic effects with elastomers in instrumented impact testing. <i>International Journal of Fracture</i> , 2001, 109, 153-168.	1.1	5
141	Study on the Existence of Hydrogen Bonds in Ammonium Permanganate. , 2001, 627, 114.		1
142	Chemical modification and adhesion in carbon fiber/epoxy micro-composites; coupling and surface coverage. <i>Polymer Composites</i> , 2000, 21, 387-395.	2.3	25
143	Effect of catalyst residues on the chain structure and properties of a Phillips type polyethylen. <i>Polymer Engineering and Science</i> , 2000, 40, 1458-1468.	1.5	24
144	Possible coupling reactions of functional silanes and polypropylene. <i>Polymer</i> , 1999, 40, 1763-1773.	1.8	96

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145	Chemical reactions during the processing of stabilized PE: 1. Discolouration and stabilizer consumption. <i>Polymer Degradation and Stability</i> , 1999, 63, 489-497.	2.7	23
146	Chemical reactions during the processing of stabilized PE: 2. Structure/property correlations. <i>Polymer Degradation and Stability</i> , 1999, 63, 499-507.	2.7	18
147	Two-step degradation of high-density polyethylene during multiple extrusion. <i>Journal of Applied Polymer Science</i> , 1999, 74, 1596-1605.	1.3	34
148	Structure and impact resistance of short carbon fiber reinforced polyamide 6 composites. <i>Journal of Macromolecular Science - Physics</i> , 1999, 38, 721-735.	0.4	35
149	Adhesion and Surface Modification. , 1999, , 109-153.		118
150	Silane treatment in polypropylene composites: Adsorption and coupling. <i>Macromolecular Symposia</i> , 1999, 139, 93-105.	0.4	6
151	Evaluation of interfacial interaction in polypropylene/surface treated CaCO ₃ composites. <i>Composites Part A: Applied Science and Manufacturing</i> , 1998, 29, 323-329.	3.8	148
152	Miscibility of crystalline and amorphous polymers: Polyethylene/polyisobutylene blends. <i>Macromolecular Symposia</i> , 1998, 129, 29-42.	0.4	10
153	Effect of component interaction on the melting and crystallization characteristics of pe/pib blends. <i>Macromolecular Symposia</i> , 1998, 129, 137-149.	0.4	8
154	An Interphase with Changing Properties and the Mechanism of Deformation in Particulate-Filled Polymers. <i>Journal of Adhesion</i> , 1997, 64, 229-250.	1.8	44
155	Relation of crystalline structure and mechanical properties of nucleated polypropylene. <i>Journal of Vinyl and Additive Technology</i> , 1997, 3, 53-57.	1.8	93
156	Mechanical damping in instrumented impact testing. <i>Journal of Materials Science</i> , 1997, 32, 6601-6608.	1.7	17
157	Effect of surface coverage of silane treated CaCO ₃ on the tensile properties of polypropylene composites. <i>Polymer Composites</i> , 1997, 18, 741-747.	2.3	66
158	Interaction of Silane Coupling Agents with CaCO ₃ . <i>Journal of Colloid and Interface Science</i> , 1997, 190, 427-436.	5.0	124
159	Surface Coverage and Its Determination: Role of Acid-Base Interactions in the Surface Treatment of Mineral Fillers. <i>Journal of Colloid and Interface Science</i> , 1997, 194, 269-275.	5.0	35
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