

# Adriaan S Luyt

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

232  
papers

6,257  
citations

42  
h-index

68  
g-index

240  
ext. papers

6,999  
ext. citations

3.6  
avg, IF

6.32  
L-index

#	Paper	IF	Citations
232	The study of optical and photodielectric properties of polymethyl methacrylate and tris-(8-hydroxy-quinoline) aluminum (Alq3) composites. <i>Journal of Applied Polymer Science</i> , <b>2021</b> , 138, 50992	2.9	
231	Effect of poly(ε-caprolactone) and titanium (IV) dioxide content on the UV and hydrolytic degradation of poly(lactic acid)/poly(ε-caprolactone) blends. <i>Journal of Applied Polymer Science</i> , <b>2021</b> , 138, 51266	2.9	2
230	Development of value-added polyethylene grades with extended service lifetime: Weathering resistant flame retarded materials for outdoor applications. <i>Journal of Applied Polymer Science</i> , <b>2021</b> , 138, 50370	2.9	1
229	Effect of plasma treatment on accelerated PLA degradation. <i>EXPRESS Polymer Letters</i> , <b>2021</b> , 15, 725-743	3.4	4
228	Artificial weathering and accelerated heat ageing studies on low-density polyethylene (LDPE) produced via autoclave and tubular process technologies. <i>EXPRESS Polymer Letters</i> , <b>2021</b> , 15, 121-136	3.4	6
227	Enhancing the UV/heat stability of LLDPE irrigation pipes via different stabilizer formulations. <i>SPE Polymers</i> , <b>2021</b> , 2, 336	1.1	0
226	Effects of Rutile-TiO Nanoparticles on Accelerated Weathering Degradation of Poly(Lactic Acid). <i>Polymers</i> , <b>2020</b> , 12,	4.5	10
225	Polymerization of organoalkoxysilanes: Kinetics of the polycondensation progress and the effect of solvent properties and salts addition. <i>Chemical Physics</i> , <b>2020</b> , 530, 110642	2.3	2
224	Ionic diffusion in iPP: DC electrical conductivity. <i>Surfaces and Interfaces</i> , <b>2020</b> , 21, 100772	4.1	
223	Accelerated Weathering Effects on Poly(3-hydroxybutyrate-3-hydroxyvalerate) (PHBV) and PHBV/TiO Nanocomposites. <i>Polymers</i> , <b>2020</b> , 12,	4.5	11
222	Halogen-Free Flame-Retardant Compounds. Thermal Decomposition and Flammability Behavior for Alternative Polyethylene Grades. <i>Polymers</i> , <b>2019</b> , 11,	4.5	12
221	Isothermal Crystallization Kinetics and Morphology of Double Crystalline PCL/PBS Blends Mixed with a Polycarbonate/MWCNTs Masterbatch. <i>Polymers</i> , <b>2019</b> , 11,	4.5	7
220	Kinetics of Alkoxysilanes and Organoalkoxysilanes Polymerization: A Review. <i>Polymers</i> , <b>2019</b> , 11,	4.5	87
219	Electrospun polylactic acid/date palm polyphenol extract nanofibres for tissue engineering applications. <i>Emergent Materials</i> , <b>2019</b> , 2, 141-151	3.5	17
218	Effect of preparation method on the properties of poly(methyl methacrylate)/mesoporous silica composites. <i>Emergent Materials</i> , <b>2019</b> , 2, 363-370	3.5	5
217	Are we closer to a solution for the plastics waste disaster which faces the earth?. <i>EXPRESS Polymer Letters</i> , <b>2019</b> , 13, 937-937	3.4	3
216	Kinetics of alkoxysilanes hydrolysis: An empirical approach. <i>Scientific Reports</i> , <b>2019</b> , 9, 17624	4.9	13

215	Crystallization and dielectric behaviour of PLA and PHBV in PLA/PHBV blends and PLA/PHBV/TiO <sub>2</sub> nanocomposites. <i>EXPRESS Polymer Letters</i> , <b>2019</b> , 13, 199-212	3.4	5
214	Effect of blend ratio and nanofiller localization on the thermal degradation of graphite nanoplatelets-modified PLA/PCL. <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2019</b> , 136, 2373-2382	4.1	9
213	Morphology, thermal and dynamic mechanical properties of poly(lactic acid)/expandable graphite (PLA/EG) flame retardant composites. <i>Journal of Thermoplastic Composite Materials</i> , <b>2019</b> , 32, 89-107	1.9	13
212	Shear wave propagation in layered composites with degraded matrices at locations of imperfect bonding. <i>Wave Motion</i> , <b>2018</b> , 78, 9-31	1.8	2
211	Magnetic solid phase extraction for chromatographic separation of carbamates. <i>Journal of the American Ceramic Society</i> , <b>2018</b> , 101, 2038-2049	3.8	6
210	Charge-trapping capability and AC conductivity at different humidities of poly(ethyleneimine)/TiO <sub>2</sub> /anthocyanin-modified cellulose fibres. <i>Wood Science and Technology</i> , <b>2018</b> , 52, 637-651	2.5	4
209	Effect of expandable graphite on thermal and flammability properties of poly(lactic acid)-starch/poly( $\epsilon$ -caprolactone) blend systems. <i>Polymer Engineering and Science</i> , <b>2018</b> , 58, 1619-1629	2.3	7
208	Nanofibrous alginate membrane coated with cellulose nanowhiskers for water purification. <i>Cellulose</i> , <b>2018</b> , 25, 417-427	5.5	26
207	Generation of photo charge in poly(ethyleneimine)-TiO <sub>2</sub> -anthocyanin modified papers conditioned at different humidities. <i>Dyes and Pigments</i> , <b>2018</b> , 149, 51-58	4.6	6
206	Morphology, Nucleation, and Isothermal Crystallization Kinetics of Poly(Butylene Succinate) Mixed with a Polycarbonate/MWCNT Masterbatch. <i>Polymers</i> , <b>2018</b> , 10,	4.5	11
205	Morphology and property changes in PLA/PHBV blends as function of blend composition. <i>Journal of Polymer Research</i> , <b>2018</b> , 25, 1	2.7	7
204	Influence of TiO <sub>2</sub> Nanoparticles on the Crystallization Behaviour and Tensile Properties of Biodegradable PLA and PCL Nanocomposites. <i>Journal of Polymers and the Environment</i> , <b>2018</b> , 26, 2410-2423	4.5	9
203	Review on PCL, PBS, and PCL/PBS blends containing carbon nanotubes. <i>EXPRESS Polymer Letters</i> , <b>2018</b> , 12, 505-529	3.4	47
202	Polymerization of 3-cyanopropyl (triethoxy) silane: A kinetic study using gas chromatography. <i>International Journal of Chemical Kinetics</i> , <b>2018</b> , 50, 846-855	1.4	6
201	Poly(lactic acid)-starch/Expandable Graphite (PLA-starch/EG) Flame Retardant Composites. <i>Journal of Renewable Materials</i> , <b>2018</b> , 6, 26-37	2.4	6
200	Electrospun alginate nanofibres impregnated with silver nanoparticles: Preparation, morphology and antibacterial properties. <i>Carbohydrate Polymers</i> , <b>2017</b> , 165, 304-312	10.3	93
199	Properties and thermo-switch behaviour of LDPE mixed with carbon black, zinc metal and paraffin wax. <i>Journal of Polymer Research</i> , <b>2017</b> , 24, 1	2.7	6
198	Development of multifunctional nano/ultrafiltration membrane based on a chitosan thin film on alginate electrospun nanofibres. <i>Journal of Cleaner Production</i> , <b>2017</b> , 156, 470-479	10.3	55

197	Morphology, interfacial interaction, and thermal degradation of polycarbonate/MCM-41 (nano)composites. <i>International Journal of Polymer Analysis and Characterization</i> , <b>2017</b> , 22, 424-434	1.7	5
196	Thermal and mechanical properties of PP/HDPE/wood powder and MAPP/HDPE/wood powder polymer blend composites. <i>Thermochimica Acta</i> , <b>2017</b> , 654, 40-50	2.9	39
195	Effect of halloysite nanotubes on the thermal degradation behaviour of poly(Ecaprolactone)/poly(lactic acid) microfibrillar composites. <i>Polymer Testing</i> , <b>2017</b> , 60, 166-172	4.5	12
194	Thermomechanical properties and thermal degradation kinetics of poly(methyl methacrylate) (PMMA) and polycarbonate (PC) filled with cerium-doped yttrium aluminium garnet (Ce:YAG) prepared by melt compounding. <i>Polymer Bulletin</i> , <b>2017</b> , 74, 2841-2859	2.4	4
193	Are biodegradable polymers the solution to the world's environmental problems?. <i>EXPRESS Polymer Letters</i> , <b>2017</b> , 11, 764-764	3.4	4
192	Investigation of the morphology and properties of the polypropylene/low-density polyethylene/wood powder and the maleic anhydride grafted polypropylene/low-density polyethylene/wood powder polymer blend composites. <i>Journal of Composite Materials</i> , <b>2017</b> , 51, 2045-2059	2.7	7
191	Preparation and characterization of EVA/PLA/sugarcane bagasse composites for water purification. <i>Journal of Composite Materials</i> , <b>2017</b> , 51, 1169-1186	2.7	11
190	The influence of paraffin wax addition on the isothermal crystallization of LLDPE. <i>Journal of Applied Polymer Science</i> , <b>2017</b> , 134,	2.9	3
189	Synthesis, characterization, and antimicrobial properties of novel double layer nanocomposite electrospun fibers for wound dressing applications. <i>International Journal of Nanomedicine</i> , <b>2017</b> , 12, 2205-2213 <sup>61</sup>	7.3	61
188	Morphology, Nucleation, and Isothermal Crystallization Kinetics of Poly(Ecaprolactone) Mixed with a Polycarbonate/MWCNTs Masterbatch. <i>Polymers</i> , <b>2017</b> , 9,	4.5	16
187	Physico-Mechanical, Dielectric, and Piezoelectric Properties of PVDF Electrospun Mats Containing Silver Nanoparticles. <i>Journal of Carbon Research</i> , <b>2017</b> , 3, 30	3.3	43
186	Investigation of the physico-mechanical properties of electrospun PVDF/cellulose (nano)fibers. <i>Journal of Applied Polymer Science</i> , <b>2016</b> , 133,	2.9	43
185	Morphology and properties of poly(methyl methacrylate) (PMMA) filled with mesoporous silica (MCM-41) prepared by melt compounding. <i>Journal of Materials Science</i> , <b>2016</b> , 51, 3957-3970	4.3	19
184	Preparation and characterisation of Ce:YAG -polycarbonate composites for white LED. <i>Journal of Alloys and Compounds</i> , <b>2016</b> , 664, 726-731	5.7	13
183	Influence of blending and blend morphology on the thermal properties and crystallization behaviour of PLA and PCL in PLA/PCL blends. <i>Journal of Materials Science</i> , <b>2016</b> , 51, 4670-4681	4.3	44
182	Effect of layered silicates on the thermal stability of PCL/PLA microfibrillar composites. <i>Polymer Testing</i> , <b>2016</b> , 50, 9-14	4.5	22
181	The effect of expanded graphite on the physical properties of conductive EVA/wax phase change blends for thermal energy storage. <i>Polymer Composites</i> , <b>2016</b> , 37, 3025-3032	3	1
180	Plasticization and cocrystallization in LLDPE/wax blends. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , <b>2016</b> , 54, 1469-1482	2.6	11

179	Morphology and magnetic properties of the ethylene-co-vinyl acetate/iron nanocomposite films prepared by implantation with Fe <sup>6+</sup> ions. <i>Applied Surface Science</i> , <b>2016</b> , 378, 362-367	6.7	2
178	Influence of the Ce:YAG Amount on Structure and Optical Properties of Ce:YAG-PMMA Composites for White LED. <i>Zeitschrift Fur Physikalische Chemie</i> , <b>2016</b> , 230, 1219-1231	3.1	7
177	Influence of in situ-generated silica nanoparticles on EPDM morphology, thermal, thermomechanical, and mechanical properties. <i>Polymer Composites</i> , <b>2015</b> , 36, 825-833	3	10
176	Synergistic effect of expanded graphite, diammonium phosphate and Cloisite 15A on flame retardant properties of EVA and EVA/wax phase-change blends. <i>Journal of Materials Science</i> , <b>2015</b> , 50, 3485-3494	4.3	25
175	The effect of expanded graphite on the thermal stability, latent heat, and flammability properties of EVA/wax phase change blends. <i>Polymer Engineering and Science</i> , <b>2015</b> , 55, 1255-1262	2.3	35
174	The effect of expanded graphite on the flammability and thermal conductivity properties of phase change material based on PP/wax blends. <i>Polymer Bulletin</i> , <b>2015</b> , 72, 2263-2283	2.4	27
173	Morphology and thermal degradation studies of melt-mixed poly(hydroxybutyrate-co-valerate) (PHBV)/poly(ε-caprolactone) (PCL) biodegradable polymer blend nanocomposites with TiO <sub>2</sub> as filler. <i>Journal of Materials Science</i> , <b>2015</b> , 50, 3812-3824	4.3	36
172	Effect of surfactant and radiation treatment on the morphology and properties of PP/EG composites. <i>Journal of Materials Science</i> , <b>2015</b> , 50, 6021-6031	4.3	7
171	Tryptophan-functionalized gold nanoparticles for deep UV imaging of microbial cells. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2015</b> , 135, 742-750	6	27
170	Structure and properties of a nucleated polypropylene impact copolymer. <i>Polymer International</i> , <b>2015</b> , 64, 222-228	3.3	10
169	The effect of gamma irradiation on the thermal behavior of dielectric properties of linear low-density/carbon black semiconductive composites. <i>Radiation Physics and Chemistry</i> , <b>2015</b> , 107, 89-94	2.5	5
168	Effect of surfactant and electron treatment on the electrical and thermal conductivity as well as thermal and mechanical properties of ethylene vinyl acetate/expanded graphite composites. <i>Journal of Applied Polymer Science</i> , <b>2015</b> , 132, n/a-n/a	2.9	15
167	Morphology and thermal degradation studies of melt-mixed PLA/PHBV biodegradable polymer blend nanocomposites with TiO <sub>2</sub> as filler. <i>Journal of Applied Polymer Science</i> , <b>2015</b> , 132, n/a-n/a	2.9	38
166	Effect of surfactant on EG dispersion in EVA and thermal and mechanical properties of the system. <i>Journal of Applied Polymer Science</i> , <b>2015</b> , 132, n/a-n/a	2.9	3
165	Dynamic mechanical properties of PLA/PHBV, PLA/PCL, PHBV/PCL blends and their nanocomposites with TiO <sub>2</sub> as nanofiller. <i>Thermochimica Acta</i> , <b>2015</b> , 613, 41-53	2.9	46
164	Morphology and thermal degradation studies of melt-mixed poly(lactic acid) (PLA)/poly(ε-caprolactone) (PCL) biodegradable polymer blend nanocomposites with TiO <sub>2</sub> as filler. <i>Polymer Testing</i> , <b>2015</b> , 45, 93-100	4.5	103
163	Reduced percolation concentration in polypropylene/expanded graphite composites: Effect of viscosity and polypyrrole. <i>Journal of Applied Polymer Science</i> , <b>2015</b> , 132, n/a-n/a	2.9	11
162	Using thermogravimetric analysis to determine polymer thermal stability: Relevance of changes in onset temperature of mass loss. <i>EXPRESS Polymer Letters</i> , <b>2015</b> , 9, 756-756	3.4	3

161	Influence of the presence of medium-soft paraffin wax on the morphology and properties of iPP/silver nanocomposites. <i>EXPRESS Polymer Letters</i> , <b>2015</b> , 9, 901-915	3.4	8
160	Preparation and characterisation of vinylsilane crosslinked low-density polyethylene composites filled with nano clays. <i>Polymer Bulletin</i> , <b>2014</b> , 71, 637-657	2.4	16
159	Review on flammability of biofibres and biocomposites. <i>Carbohydrate Polymers</i> , <b>2014</b> , 111, 149-82	10.3	131
158	EPDM rubber reinforced with titania generated by nonhydrolytic sol-gel process. <i>Polymer Engineering and Science</i> , <b>2014</b> , 54, 2544-2552	2.3	19
157	Reinforcement of EPDM rubber with in situ generated silica particles in the presence of a coupling agent via a sol-gel route. <i>Polymer Testing</i> , <b>2014</b> , 33, 97-106	4.5	34
156	Ferroelectric nanocomposites of polyvinylidene fluoride/polymethyl methacrylate blend and BaTiO <sub>3</sub> particles: Fabrication of a crystal polymorph rich matrix through mechanical activation of the filler. <i>Journal of Applied Physics</i> , <b>2014</b> , 115, 084109	2.5	35
155	Investigation of polyethylene/sisal whiskers nanocomposites prepared under different conditions. <i>Polymer Composites</i> , <b>2014</b> , 35, 2221-2233	3	29
154	ZnO/Ag hybrid nanocubes in alginate biopolymer: Synthesis and properties. <i>Chemical Engineering Journal</i> , <b>2014</b> , 253, 341-349	14.7	33
153	The detection of the early stages of ageing in an LDPE+graphite composite by comparison of dielectric responses induced by sinusoidal and triangular signals. <i>EXPRESS Polymer Letters</i> , <b>2014</b> , 8, 733-744	3.4	1
152	Preparation and characterization of EPDM/silica composites prepared through non-hydrolytic sol-gel method in the absence and presence of a coupling agent. <i>EXPRESS Polymer Letters</i> , <b>2014</b> , 8, 809-822	3.4	11
151	Effects of acid treatment at different temperatures on the surface dielectric properties of low-density polyethylene. <i>Polymer International</i> , <b>2014</b> , 63, 1924-1929	3.3	3
150	Investigation of the crystalline phase morphology of a nucleated impact polypropylene copolymer. <i>Journal of Applied Polymer Science</i> , <b>2014</b> , 131, n/a-n/a	2.9	6
149	Dynamic mechanical and thermal properties of the composites of thermoplastic starch and lanthanum hydroxide nanoparticles. <i>Journal of Applied Polymer Science</i> , <b>2013</b> , 127, 699-709	2.9	5
148	Improvement of interaction in and properties of PMMA-MWNT nanocomposites through microwave assisted acid treatment of MWNT. <i>European Polymer Journal</i> , <b>2013</b> , 49, 61-69	5.2	11
147	Influence of the modification, induced by zirconia nanoparticles, on the structure and properties of polycarbonate. <i>European Polymer Journal</i> , <b>2013</b> , 49, 2022-2030	5.2	26
146	Thermal and dynamic mechanical properties of bio-based poly(furfuryl alcohol)/sisal whiskers nanocomposites. <i>Polymer Bulletin</i> , <b>2013</b> , 70, 1265-1276	2.4	31
145	Adhesive properties of polyester treated by cold plasma in oxygen and nitrogen atmospheres. <i>Surface and Coatings Technology</i> , <b>2013</b> , 235, 407-416	4.4	20
144	Preparation and characterization of vinylsilane crosslinked high-density polyethylene composites filled with nanoclays. <i>Polymer Composites</i> , <b>2013</b> , 34, 1720-1727	3	5

143	Study of morphology, mechanical properties, and thermal degradation of polycarbonate-titania nanocomposites as function of titania crystalline phase and content. <i>Polymer Composites</i> , <b>2013</b> , 34, 164-172	3.7	25
142	LDPE/wood composites utilizing degraded LDPE as compatibilizer. <i>Composites Part A: Applied Science and Manufacturing</i> , <b>2013</b> , 51, 80-88	8.4	18
141	Glycogen and gold nanoparticle bioconjugates: controlled plasmon resonance via glycogen-induced nanoparticle aggregation. <i>RSC Advances</i> , <b>2013</b> , 3, 8705	3.7	34
140	Oxygen permeability, electron spin resonance, differential scanning calorimetry and positron annihilation lifetime spectroscopy studies of uniaxially deformed linear low-density polyethylene film. <i>Polymer International</i> , <b>2013</b> , 62, 474-481	3.3	8
139	Manufacturing Process of Packaging Products by Orthogonal Test. <i>Applied Mechanics and Materials</i> , <b>2013</b> , 469, 305-308	0.3	
138	In Situ Polymerization Organic-Inorganic Hybrid Materials Monomer Casting Polyamide 6/ Nanorods Yttrium Hydroxide. <i>Advanced Materials Research</i> , <b>2013</b> , 662, 24-27	0.5	1
137	Preparation and characterization of EPDM rubber modified with in situ generated silica. <i>Journal of Applied Polymer Science</i> , <b>2013</b> , 128, 2525-2532	2.9	20
136	Thermally conductive phase-change materials for energy storage based on low-density polyethylene, soft Fischer-Tropsch wax and graphite. <i>Thermochimica Acta</i> , <b>2012</b> , 527, 75-82	2.9	57
135	Temperature-dependence of the structural and afterglow luminance properties of polymer/SrAlxOy:Eu <sup>2+</sup> ,Dy <sup>3+</sup> composites. <i>Physica B: Condensed Matter</i> , <b>2012</b> , 407, 1556-1560	2.8	1
134	Luminescence studies of a combustion-synthesized blue-green BaAlxOy:Eu <sup>2+</sup> ,Dy <sup>3+</sup> nanoparticles. <i>Physica B: Condensed Matter</i> , <b>2012</b> , 407, 1561-1565	2.8	9
133	The effect of silica nanoparticles on the morphology, mechanical properties and thermal degradation kinetics of PMMA. <i>Polymer Degradation and Stability</i> , <b>2012</b> , 97, 452-459	4.7	72
132	Thermal and mechanical properties of LDPE/sisal fiber composites compatibilized with functionalized paraffin waxes. <i>Journal of Applied Polymer Science</i> , <b>2012</b> , 123, 3627-3634	2.9	3
131	Formation of nano-plate silver particles in the presence of polyampholyte copolymer. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2012</b> , 414, 17-25	5.1	16
130	Comparison of injection moulded, natural fibre-reinforced composites with PP and PLA as matrices. <i>Journal of Thermoplastic Composite Materials</i> , <b>2012</b> , 25, 927-948	1.9	168
129	PMMA/titania nanocomposites: Properties and thermal degradation behaviour. <i>Polymer Degradation and Stability</i> , <b>2012</b> , 97, 1325-1333	4.7	54
128	Preparation and properties of polystyrene encapsulated paraffin wax as possible phase change material in a polypropylene matrix. <i>Thermochimica Acta</i> , <b>2012</b> , 544, 63-70	2.9	49
127	Viscoelastic properties and antimicrobial activity of cellulose fiber sheets impregnated with Ag nanoparticles. <i>Carbohydrate Polymers</i> , <b>2012</b> , 90, 1139-46	10.3	28
126	Effects of organic peroxide and polymer chain structure on morphology and thermal properties of sisal fibre reinforced polyethylene composites. <i>Composites Part A: Applied Science and Manufacturing</i> , <b>2012</b> , 43, 703-710	8.4	36

125	The effect of silica nanoparticles on the morphology, mechanical properties and thermal degradation kinetics of polycarbonate. <i>Composites Science and Technology</i> , <b>2012</b> , 73, 34-39	8.6	40
124	Morphology, thermal, and dynamic mechanical properties of poly(lactic acid)/sisal whisker nanocomposites. <i>Polymer Composites</i> , <b>2012</b> , 33, 1025-1032	3	48
123	Effects of organic peroxide and polymer chain structure on mechanical and dynamic mechanical properties of sisal fiber reinforced polyethylene composites. <i>Journal of Applied Polymer Science</i> , <b>2012</b> , 125, 2216-2222	2.9	8
122	Fabrication and antibacterial properties of ZnO/alginate nanocomposites. <i>Carbohydrate Polymers</i> , <b>2012</b> , 88, 263-269	10.3	97
121	The effect of synthetic antioxidants on the oxidative stability of biodiesel. <i>Fuel</i> , <b>2012</b> , 94, 227-233	7.1	77
120	Macro-micro relationship in nanostructured functional composites. <i>EXPRESS Polymer Letters</i> , <b>2012</b> , 6, 410-416	3.4	14
119	Morphology and properties of EVA/empty fruit bunch composites. <i>Journal of Thermoplastic Composite Materials</i> , <b>2012</b> , 25, 895-914	1.9	22
118	Artificial Neural Networks in Prediction of Mechanical Behavior of High Performance Plastic Composites. <i>Key Engineering Materials</i> , <b>2012</b> , 501, 27-31	0.4	3
117	Morphology, mechanical properties and thermal degradation kinetics of PMMA-zirconia nanocomposites prepared by melt compounding. <i>EXPRESS Polymer Letters</i> , <b>2012</b> , 6, 871-881	3.4	37
116	Study on Anti-Fog Films of Polyethylene Modified with Inorganic Micrometer Diatomite. <i>Applied Mechanics and Materials</i> , <b>2012</b> , 200, 347-350	0.3	1
115	Synthesis and degradation kinetics of a novel polyester containing bithiazole rings. <i>Thermochimica Acta</i> , <b>2011</b> , 525, 9-15	2.9	13
114	Polycarbonate reinforced with silica nanoparticles. <i>Polymer Bulletin</i> , <b>2011</b> , 66, 991-1004	2.4	22
113	Characterization of luminescent and thermal properties of long afterglow SrAlxOy:Eu <sup>2+</sup> ,Dy <sup>3+</sup> phosphor synthesized by combustion method. <i>Polymer Composites</i> , <b>2011</b> , 32, 219-226	3	12
112	Structure and properties of phase-change materials based on high-density polyethylene, hard Fischer-Tropsch paraffin wax, and wood flour. <i>Polymer Composites</i> , <b>2011</b> , 32, 1155-1163	3	13
111	Morphology and properties of NR/EPDM rubber blends filled with small amounts of titania nanoparticles. <i>Polymer Composites</i> , <b>2011</b> , 32, 1289-1296	3	25
110	Kenaf fiber-reinforced copolyester biocomposites. <i>Polymer Composites</i> , <b>2011</b> , 32, 2001-2009	3	12
109	Luminescent properties of long-lasting BaAlxOy:Eu <sup>2+</sup> ,Dy <sup>3+</sup> nanocomposites. <i>Journal of Applied Polymer Science</i> , <b>2011</b> , 121, 243-252	2.9	6
108	Synthesis and properties of a novel polyester containing bithiazole. <i>Chinese Chemical Letters</i> , <b>2011</b> , 22, 109-113	8.1	5



107	Silver nanoparticles encapsulated in glycogen biopolymer: Morphology, optical and antimicrobial properties. <i>Carbohydrate Polymers</i> , <b>2011</b> , 83, 883-890	10.3	47
106	Polychloroprene nanocomposites filled with different organically modified clays: Morphology, thermal degradation and stress relaxation behaviour. <i>Polymer Testing</i> , <b>2011</b> , 30, 585-593	4.5	16
105	Studies on single polymer composites of poly(methyl methacrylate) reinforced with electrospun nanofibers with a focus on their dynamic mechanical properties. <i>EXPRESS Polymer Letters</i> , <b>2011</b> , 5, 635-642	3.4	36
104	Melt-State Viscoelastic Properties of POSS-Containing Polyethylene Nanocomposites. <i>Advanced Science Letters</i> , <b>2011</b> , 4, 3585-3589	0.1	6
103	Comparative study of the morphology and properties of PP/LLDPE/wood powder and MAPP/LLDPE/wood powder polymer blend composites. <i>EXPRESS Polymer Letters</i> , <b>2010</b> , 4, 729-741	3.4	43
102	Crystalline structure of annealed polylactic acid and its relation to processing. <i>EXPRESS Polymer Letters</i> , <b>2010</b> , 4, 659-668	3.4	209
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