

Giulio Malucelli

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252
papers

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272
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9,433
ext. citations

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avg, IF

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#	Paper	IF	Citations
252	DNA: a novel, green, natural flame retardant and suppressant for cotton. <i>Journal of Materials Chemistry A</i> , 2013 , 1, 4779	13	198
251	Current emerging techniques to impart flame retardancy to fabrics: An overview. <i>Polymer Degradation and Stability</i> , 2014 , 106, 138-149	4.7	194
250	Graphene-containing thermoresponsive nanocomposite hydrogels of poly(N-isopropylacrylamide) prepared by frontal polymerization. <i>Journal of Materials Chemistry</i> , 2011 , 21, 8727		179
249	Layer by Layer ammonium polyphosphate-based coatings for flame retardancy of polyester/cotton blends. <i>Carbohydrate Polymers</i> , 2012 , 88, 1460-1469	10.3	168
248	Caseins and hydrophobins as novel green flame retardants for cotton fabrics. <i>Polymer Degradation and Stability</i> , 2014 , 99, 111-117	4.7	166
247	Novel flame retardant finishing systems for cotton fabrics based on phosphorus-containing compounds and silica derived from sol-gel processes. <i>Carbohydrate Polymers</i> , 2011 , 85, 599-608	10.3	162
246	Green DNA-based flame retardant coatings assembled through Layer by Layer. <i>Polymer</i> , 2013 , 54, 5148-5153	10.3	153
245	Intrinsic intumescent-like flame retardant properties of DNA-treated cotton fabrics. <i>Carbohydrate Polymers</i> , 2013 , 96, 296-304	10.3	144
244	Thermal stability and flame resistance of cotton fabrics treated with whey proteins. <i>Carbohydrate Polymers</i> , 2013 , 94, 372-7	10.3	133
243	Scratch resistance of nano-silica reinforced acrylic coatings. <i>Progress in Organic Coatings</i> , 2008 , 62, 129-133	4.3	133
242	Preparation and characterization of hybrid nanocomposite coatings by photopolymerization and sol-gel process. <i>Polymer</i> , 2005 , 46, 11241-11246	3.9	131
241	Photopolymerization of epoxy coatings containing silica nanoparticles. <i>Progress in Organic Coatings</i> , 2005 , 54, 134-138	4.8	129
240	Recent Advances for Flame Retardancy of Textiles Based on Phosphorus Chemistry. <i>Polymers</i> , 2016 , 8,	4.5	123
239	Layer by layer complex architectures based on ammonium polyphosphate, chitosan and silica on polyester-cotton blends: flammability and combustion behaviour. <i>Cellulose</i> , 2012 , 19, 1041-1050	5.5	118
238	Biomacromolecules as novel green flame retardant systems for textiles: an overview. <i>RSC Advances</i> , 2014 , 4, 46024-46039	3.7	116
237	Influence of the COOH and COONa groups and crosslink density of poly(acrylic acid)/montmorillonite superabsorbent composite on water absorbency. <i>Polymer International</i> , 2001 , 50, 1050-1053	3.3	116
236	Cotton flame retardancy: state of the art and future perspectives. <i>RSC Advances</i> , 2015 , 5, 24239-24263	3.7	110

235	Materials engineering for surface-confined flame retardancy. <i>Materials Science and Engineering Reports</i> , 2014 , 84, 1-20	30.9	110
234	Zirconium phosphate-based nanoarchitectures on polyester fabrics through layer-by-layer assembly. <i>Journal of Materials Chemistry</i> , 2011 , 21, 10370		105
233	UV-ignited frontal polymerization of an epoxy resin. <i>Journal of Polymer Science Part A</i> , 2004 , 42, 2066-2073		101
232	Flame Retardancy of Polyester and Polyester-Cotton Blends Treated with Caseins. <i>Industrial & Engineering Chemistry Research</i> , 2014 , 53, 3917-3923	3.9	94
231	State of the art and perspectives on sol-gel derived hybrid architectures for flame retardancy of textiles. <i>Journal of Materials Chemistry</i> , 2012 , 22, 21805-21809		94
230	Thermal stability, flame retardancy and mechanical properties of cotton fabrics treated with inorganic coatings synthesized through sol-gel processes. <i>Carbohydrate Polymers</i> , 2012 , 87, 2093-2099	10.3	93
229	Thermal stability and flame retardancy of polyester, cotton, and relative blend textile fabrics subjected to sol-gel treatments. <i>Journal of Applied Polymer Science</i> , 2011 , 119, 1961-1969	2.9	92
228	Heating rate effect on char yield from cotton, poly(ethylene terephthalate) and blend fabrics. <i>Carbohydrate Polymers</i> , 2013 , 92, 1327-34	10.3	85
227	Functionalization of cellulose fibres with DOPO-polysilsesquioxane flame retardant nanocoating. <i>Cellulose</i> , 2015 , 22, 1893-1910	5.5	84
226	Sol-gel treatments for enhancing flame retardancy and thermal stability of cotton fabrics: optimisation of the process and evaluation of the durability. <i>Cellulose</i> , 2011 , 18, 167-177	5.5	83
225	Influence of ammonium polyphosphate-/poly(acrylic acid)-based layer by layer architectures on the char formation in cotton, polyester and their blends. <i>Polymer Degradation and Stability</i> , 2012 , 97, 1644-1653	14.7	80
224	UV-curable systems containing perfluoropolyether structures: Synthesis and characterisation. <i>Macromolecular Chemistry and Physics</i> , 1997 , 198, 1893-1907	2.6	79
223	Layer by Layer coatings assembled through dipping, vertical or horizontal spray for cotton flame retardancy. <i>Carbohydrate Polymers</i> , 2013 , 92, 114-9	10.3	76
222	Phosphorus- and nitrogen-doped silica coatings for enhancing the flame retardancy of cotton: Synergisms or additive effects?. <i>Polymer Degradation and Stability</i> , 2013 , 98, 579-589	4.7	76
221	Thermal degradation of DNA, an all-in-one natural intumescent flame retardant. <i>Polymer Degradation and Stability</i> , 2015 , 113, 110-118	4.7	74
220	Cationic photopolymerization of vinyl ether systems: influence of the presence of hydrogen donor additives. <i>European Polymer Journal</i> , 1999 , 35, 639-645	5.2	73
219	Thermal degradation of DNA-treated cotton fabrics under different heating conditions. <i>Journal of Analytical and Applied Pyrolysis</i> , 2014 , 108, 212-221	6	72
218	Thermal and fire stability of cotton fabrics coated with hybrid phosphorus-doped silica films. <i>Journal of Thermal Analysis and Calorimetry</i> , 2012 , 110, 1207-1216	4.1	72

217	Hybrid phosphorus-doped silica architectures derived from a multistep sol-gel process for improving thermal stability and flame retardancy of cotton fabrics. <i>Polymer Degradation and Stability</i> , 2012 , 97, 1334-1344	4.7	72
216	Phenolic Hyperbranched Polymers as Additives in Cationic Photopolymerization of Epoxy Systems. <i>Macromolecular Materials and Engineering</i> , 2004 , 289, 442-446	3.9	69
215	Cyclodextrin nanosponges as novel green flame retardants for PP, LLDPE and PA6. <i>Carbohydrate Polymers</i> , 2012 , 88, 1387-1394	10.3	65
214	Preparation and characterization of UV-cured epoxy nanocomposites based on o-montmorillonite modified with maleinized liquid polybutadienes. <i>Polymer</i> , 2007 , 48, 7000-7007	3.9	65
213	New fluorinated acrylic monomers for the surface modification of UV-curable systems. <i>Journal of Polymer Science Part A</i> , 1999 , 37, 77-87	2.5	65
212	Flammability and combustion properties of ammonium polyphosphate-/poly(acrylic acid)- based layer by layer architectures deposited on cotton, polyester and their blends. <i>Polymer Degradation and Stability</i> , 2013 , 98, 1626-1637	4.7	64
211	Sol-gel treatments on cotton fabrics for improving thermal and flame stability: Effect of the structure of the alkoxy silane precursor. <i>Carbohydrate Polymers</i> , 2012 , 87, 627-635	10.3	64
210	Flame Retardancy of Polyester Fabrics Treated by Spray-Assisted Layer-by-Layer Silica Architectures. <i>Industrial & Engineering Chemistry Research</i> , 2013 , 52, 9544-9550	3.9	63
209	Thermal and flame retardant behaviour of cotton fabrics treated with a novel nitrogen-containing carboxyl-functionalized organophosphorus system. <i>Carbohydrate Polymers</i> , 2018 , 196, 348-358	10.3	60
208	Preparation and Characterization of Nanostructured TiO ₂ /Epoxy Polymeric Films. <i>Macromolecular Materials and Engineering</i> , 2006 , 291, 517-523	3.9	58
207	Preparation and Characterization of Hyperbranched Polymer/Silica Hybrid Nanocoatings by Dual-Curing Process. <i>Macromolecular Materials and Engineering</i> , 2006 , 291, 1287-1292	3.9	58
206	Hybrid nanocomposites containing silica and PEO segments: preparation through dual-curing process and characterization. <i>Polymer</i> , 2005 , 46, 2872-2879	3.9	58
205	Intercalation effects in LDPE/o-montmorillonites nanocomposites. <i>European Polymer Journal</i> , 2007 , 43, 328-335	5.2	57
204	Perfluoropolyether structures as surface modifying agents of UV-curable systems. <i>Macromolecular Chemistry and Physics</i> , 1998 , 199, 1099-1105	2.6	56
203	Synthesis and characterization of graphene-containing thermoresponsive nanocomposite hydrogels of poly(N-vinylcaprolactam) prepared by frontal polymerization. <i>Journal of Polymer Science Part A</i> , 2012 , 50, 4110-4118	2.5	55
202	Sol-gel derived architectures for enhancing cotton flame retardancy: Effect of pure and phosphorus-doped silica phases. <i>Polymer Degradation and Stability</i> , 2014 , 99, 92-98	4.7	54
201	Poly(ϵ -caprolactone)-poly(fluoroalkylene oxide)-poly(ϵ -caprolactone) block copolymers. 2. Thermal and surface properties. <i>Polymer</i> , 2001 , 42, 1771-1779	3.9	54
200	Synthesis and characterization of functionally gradient materials obtained by frontal polymerization. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 3600-6	9.5	52

199	Frontal polymerization of diurethane diacrylates. <i>Journal of Polymer Science Part A</i> , 2008 , 46, 3344-3352	2.5	52
198	Properties of polymeric films obtained from u.v. cured poly(ethylene glycol) diacrylates. <i>Polymer</i> , 1993 , 34, 3653-3657	3.9	52
197	Synthesis and characterization of a phosphorous/nitrogen based sol-gel coating as a novel halogen- and formaldehyde-free flame retardant finishing for cotton fabric. <i>Polymer Degradation and Stability</i> , 2019 , 162, 148-159	4.7	51
196	Bulk or surface treatments of ethylene vinyl acetate copolymers with DNA: Investigation on the flame retardant properties. <i>European Polymer Journal</i> , 2014 , 51, 112-119	5.2	51
195	Fluorinated epoxides as surface modifying agents of UV-curable systems. <i>Journal of Applied Polymer Science</i> , 2003 , 89, 1524-1529	2.9	51
194	Polyurethane resin-based adhesives: curing reaction and properties of cured systems. <i>International Journal of Adhesion and Adhesives</i> , 2005 , 25, 87-91	3.4	50
193	Investigation on the effect of the presence of hyperbranched polymers on thermal and mechanical properties of an epoxy UV-cured system. <i>Polymer International</i> , 2005 , 54, 917-921	3.3	50
192	Surface-Engineered Fire Protective Coatings for Fabrics through Sol-Gel and Layer-by-Layer Methods: An Overview. <i>Coatings</i> , 2016 , 6, 33	2.9	50
191	Photo DSC and real time FT-IR kinetic study of a UV curable epoxy resin containing o-Boehmites. <i>European Polymer Journal</i> , 2008 , 44, 2010-2023	5.2	49
190	Intumescent features of nucleic acids and proteins. <i>Thermochimica Acta</i> , 2014 , 591, 31-39	2.9	48
189	UV Curing of Organic-Inorganic Hybrid Coatings Containing Polyhedral Oligomeric Silsesquioxane Blocks. <i>Macromolecular Materials and Engineering</i> , 2008 , 293, 700-707	3.9	46
188	Surface properties of methacrylic copolymers containing a perfluoropolyether structure. <i>Polymer</i> , 2001 , 42, 2299-2305	3.9	45
187	Thermal stability and flame retardancy of polyester fabrics sol-gel treated in the presence of boehmite nanoparticles. <i>Polymer Degradation and Stability</i> , 2013 , 98, 1609-1616	4.7	44
186	In situ production of high filler content graphene-based polymer nanocomposites by reactive processing. <i>Journal of Materials Chemistry</i> , 2011 , 21, 16544		44
185	Cotton fabrics treated with hybrid organic-inorganic coatings obtained through dual-cure processes. <i>Cellulose</i> , 2011 , 18, 1335-1348	5.5	44
184	Layer by layer nanoarchitectures for the surface protection of polycarbonate. <i>European Polymer Journal</i> , 2013 , 49, 397-404	5.2	43
183	UV-Cured Interpenetrating Acrylic-Epoxy Polymer Networks: Preparation and Characterization. <i>Macromolecular Materials and Engineering</i> , 2008 , 293, 515-520	3.9	43
182	UV-cured hybrid organic-inorganic Layer by Layer assemblies: Effect on the flame retardancy of polycarbonate films. <i>Polymer Degradation and Stability</i> , 2014 , 107, 74-81	4.7	42

181	A new era for flame retardant materials?. <i>Materials Today</i> , 2014 , 17, 152-153	21.8	41
180	Thermal shielding performances of nano-structured intumescent coatings containing organo-modified layered double hydroxides. <i>Progress in Organic Coatings</i> , 2015 , 78, 504-510	4.8	39
179	Thermal stability, flame retardancy and abrasion resistance of cotton and cotton/linen blends treated by sol-gel silica coatings containing alumina micro- or nano-particles. <i>Polymer Degradation and Stability</i> , 2013 , 98, 1428-1438	4.7	39
178	Preparation of ultraviolet-cured nanocomposite coatings for protecting against corrosion of metal substrates. <i>Corrosion Science</i> , 2009 , 51, 1762-1771	6.8	39
177	Poly(ϵ -caprolactone)-Poly(fluoroalkylene oxide)-Poly(ϵ -caprolactone) Block Copolymers. 1. Synthesis and Molecular Characterization. <i>Macromolecules</i> , 1999 , 32, 6969-6976	5.5	39
176	The role of pre-hydrolysis on multi step sol-gel processes for enhancing the flame retardancy of cotton. <i>Cellulose</i> , 2013 , 20, 525-535	5.5	38
175	Testing fire protective properties of intumescent coatings by in-line temperature measurements on a cone calorimeter. <i>Progress in Organic Coatings</i> , 2010 , 69, 475-480	4.8	38
174	Layer by layer assembly of flame retardant thin films on closed cell PET foams: Efficiency of ammonium polyphosphate versus DNA. <i>Polymer Degradation and Stability</i> , 2015 , 113, 189-196	4.7	37
173	NanoTiO ₂ @DNA complex: a novel eco, durable, fire retardant design strategy for cotton textiles. <i>Journal of Colloid and Interface Science</i> , 2019 , 546, 174-183	9.3	36
172	UV-curable epoxy systems containing hyperbranched polymers: Kinetics investigation by photo-DSC and real-time FT-IR experiments. <i>Polymer Testing</i> , 2009 , 28, 157-164	4.5	36
171	UV-curing and characterization of polymer/clay nanocoatings by dispersion of acrylate-functionalized organoclays. <i>Progress in Organic Coatings</i> , 2008 , 61, 89-94	4.8	36
170	Self-assembled hybrid nanoarchitectures deposited on poly(urethane) foams capable of chemically adapting to extreme heat. <i>RSC Advances</i> , 2014 , 4, 16674-16680	3.7	35
169	Fire and mechanical properties of DGEBA-based epoxy resin cured with a cycloaliphatic hardener: Combined action of silica, melamine and DOPO-derivative. <i>Materials and Design</i> , 2020 , 193, 108862	8.1	34
168	Synthesis and characterization of acrylate/oxetane interpenetrating polymer networks through a thermal-UV dual cure process. <i>Progress in Organic Coatings</i> , 2006 , 55, 225-230	4.8	34
167	Silica Treatments: A Fire Retardant Strategy for Hemp Fabric/Epoxy Composites. <i>Polymers</i> , 2016 , 8,	4.5	34
166	Poly(lactic Acid)-Biochar Biocomposites: Effect of Processing and Filler Content on Rheological, Thermal, and Mechanical Properties. <i>Polymers</i> , 2020 , 12,	4.5	33
165	Synthesis and characterization of nanocomposites of thermoplastic polyurethane with both graphene and graphene nanoribbon fillers. <i>Polymer</i> , 2012 , 53, 4019-4024	3.9	33
164	Synthesis and cationic photopolymerization of a new fluorinated oxetane monomer. <i>Polymer</i> , 2004 , 45, 2133-2139	3.9	33

163	Photopolymerization of poly(tetramethylene ether) glycol diacrylates and properties of the obtained networks. <i>Polymer</i> , 1996 , 37, 2565-2571	3.9	33
162	Hyperbranched polymers in cationic photopolymerization of epoxy systems. <i>Polymer Engineering and Science</i> , 2003 , 43, 1460-1465	2.3	32
161	Vinylphosphonic acid/methacrylamide system as a durable intumescent flame retardant for cotton fabric. <i>Cellulose</i> , 2017 , 24, 3095-3108	5.5	31
160	Siloxane additive as modifier in cationic UV curable coatings. <i>Progress in Organic Coatings</i> , 2006 , 57, 44-49	4.8	31
159	Thermal Stability and Fire Retardant Properties of Polyamide 11 Microcomposites Containing Different Lignins. <i>Industrial & Engineering Chemistry Research</i> , 2017 , 56, 13704-13714	3.9	30
158	Cotton fabrics treated with novel oxidic phases acting as effective smoke suppressants. <i>Carbohydrate Polymers</i> , 2012 , 90, 251-60	10.3	30
157	Photopolymerization of oxetane based systems. <i>European Polymer Journal</i> , 2004 , 40, 353-358	5.2	30
156	UV curing of photoinitiator-free systems containing bismaleimides and diacrylate resins: bulk and surface properties. <i>Progress in Organic Coatings</i> , 2005 , 53, 46-49	4.8	30
155	The effect of prepolymer composition of amino-hardened liquid crystalline epoxy resins on physical properties of cured thermoset. <i>Macromolecular Symposia</i> , 1999 , 148, 197-209	0.8	30
154	Coatings made of proteins adsorbed on TiO ₂ nanoparticles: a new flame retardant approach for cotton fabrics. <i>Cellulose</i> , 2018 , 25, 2755-2765	5.5	29
153	Synthesis of new fluorinated allyl ethers for the surface modification of thiolene ultraviolet-curable formulations. <i>Journal of Polymer Science Part A</i> , 2002 , 40, 2583-2590	2.5	29
152	Structure-Property Relationships in Polyethylene-Based Composites Filled with Biochar Derived from Waste Coffee Grounds. <i>Polymers</i> , 2019 , 11,	4.5	28
151	Surface properties of networks containing fluorinated acrylic monomers. <i>Polymers for Advanced Technologies</i> , 1996 , 7, 403-408	3.2	28
150	Preparation and Characterization of Hybrid Nanocomposite Coatings by Cationic UV-Curing and the Sol-Gel Process of a Vinyl Ether Based System. <i>Macromolecular Materials and Engineering</i> , 2007 , 292, 634-640	3.9	27
149	Preparation of coatings via cationic photopolymerisation: influence of alcoholic additives. <i>Macromolecular Symposia</i> , 2002 , 187, 481-492	0.8	27
148	Properties of UV-curable coatings containing fluorinated acrylic structures. <i>Progress in Organic Coatings</i> , 1999 , 36, 70-78	4.8	27
147	In situ prepared polyamide 6/DOPO-derivative nanocomposite for melt-spinning of flame retardant textile filaments. <i>Polymer Degradation and Stability</i> , 2019 , 166, 50-59	4.7	26
146	DNA coatings on cotton fabrics: Effect of molecular size and pH on flame retardancy. <i>Surface and Coatings Technology</i> , 2015 , 272, 86-95	4.4	26

145	Hybrid Organic/Inorganic Coatings Through Dual-Cure Processes: State of the Art and Perspectives. <i>Coatings</i> , 2016 , 6, 10	2.9	26
144	Synthesis of poly(propylene-glycol-diacrylates) and properties of the photocured networks. <i>Journal of Applied Polymer Science</i> , 1997 , 65, 491-497	2.9	25
143	Phytic Acid and Biochar: An Effective All Bio-Sourced Flame Retardant Formulation for Cotton Fabrics. <i>Polymers</i> , 2020 , 12,	4.5	25
142	A comparison of the relative friction and wear responses of PTFE and a PTFE-based composite when tested using three different types of sliding wear machines. <i>Tribology International</i> , 2015 , 90, 15-21	4.9	24
141	Bulk vs. surface flame retardancy of fully bio-based polyamide 10,10. <i>RSC Advances</i> , 2015 , 5, 39424-39437	3.7	24
140	Cationic photoinitiated copolymerization of 1-propenyl/vinyl ether systems. <i>European Polymer Journal</i> , 2002 , 38, 655-659	5.2	24
139	Fluorinated vinyl ethers as new surface agents in the photocationic polymerization of vinyl ether resins. <i>Journal of Polymer Science Part A</i> , 2003 , 41, 2890-2897	2.5	24
138	Biomacromolecules and Bio-Sourced Products for the Design of Flame Retarded Fabrics: Current State of the Art and Future Perspectives. <i>Molecules</i> , 2019 , 24,	4.8	23
137	UV-cured coatings based on waterborne resins and SiO ₂ nanoparticles 2009 , 6, 177-185		23
136	An Overview on the Use of Lignin and Its Derivatives in Fire Retardant Polymer Systems 2018 ,		22
135	Nucleic acids from agro-industrial wastes: A green recovery method for fire retardant applications. <i>Industrial Crops and Products</i> , 2017 , 108, 208-218	5.9	22
134	Epoxy-nanocomposites containing exfoliated zirconium phosphate: Preparation via cationic photopolymerisation and physicochemical characterisation. <i>European Polymer Journal</i> , 2009 , 45, 2487-2493	5.3	22
133	Fluorinated networks through photopolymerisation processes: synthesis, characterisation and properties. <i>Journal of Fluorine Chemistry</i> , 2004 , 125, 345-351	2.1	22
132	Carbazole derivatives as photosensitizers in cationic photopolymerization of clear and pigmented coatings. <i>European Polymer Journal</i> , 2005 , 41, 475-480	5.2	22
131	The role of alumina-zirconia loading on the mechanical and biological properties of UHMWPE for biomedical applications. <i>Composites Part B: Engineering</i> , 2019 , 164, 800-808	10	21
130	Synthesis and characterization of graphene-based nanocomposites with potential use for biomedical applications. <i>Journal of Nanoparticle Research</i> , 2013 , 15, 1	2.3	21
129	Permeation of methanol/methyl-t-butyl ether mixtures through poly(ethylene-co-vinyl acetate) films. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2004 , 235, 35-44	5.1	21
128	Coatings obtained through cationic UV curing of epoxide systems in the presence of epoxy functionalized polybutadiene. <i>Journal of Materials Science</i> , 2002 , 37, 4753-4757	4.3	21

127	Cationic photopolymerization of oxetane-functionalized hyperbranched polymers. <i>Journal of Applied Polymer Science</i> , 2005 , 97, 293-299	2.9	21
126	Modification of Surface Properties of UV-Cured Films in the Presence of Long Chain Acrylic Monomers. <i>Journal of Colloid and Interface Science</i> , 1995 , 171, 283-287	9.3	21
125	Durability of acrylic films from commercial aqueous dispersion: Glass transition temperature and tensile behavior as indexes of photooxidative degradation. <i>Progress in Organic Coatings</i> , 2011 , 70, 116-121	4.8	20
124	Synthesis and cationic photopolymerization of new fluorinated, polyfunctional propenyl ether oligomers. <i>Journal of Polymer Science Part A</i> , 2006 , 44, 6943-6951	2.5	20
123	Synergistic effects occurring between water glasses and urea/ammonium dihydrogen phosphate pair for enhancing the flame retardancy of cotton. <i>Cellulose</i> , 2015 , 22, 2825-2835	5.5	19
122	Exploring composites based on PPO blend as ablative thermal protection systems [Part I: The role of layered fillers. <i>Composite Structures</i> , 2012 , 94, 1067-1074	5.3	19
121	Properties of films obtained by UV-curing 4,4Phexafluoroisopropylidenediphenoldihydroxyethylether diacrylate and its mixtures with the hydrogenated homologue. <i>Journal of Applied Polymer Science</i> , 1997 , 63, 979-983	2.9	19
120	Surface properties and adhesion of maleinized polyethylene films. <i>Journal of Materials Science</i> , 1998 , 33, 1461-1464	4.3	19
119	Synthesis and cationic photopolymerization of new silicon-containing oxetane monomers. <i>Journal of Polymer Science Part A</i> , 2004 , 42, 1415-1420	2.5	19
118	Thermal Degradation of Linen Textiles: The Effects of Ageing and Cleaning. <i>Journal of the Textile Institute</i> , 1998 , 89, 562-569	1.5	18
117	Modified organophilic montmorillonites/LDPE nanocomposites. <i>Journal of Thermal Analysis and Calorimetry</i> , 2008 , 91, 107-111	4.1	18
116	Flame-Retardant Systems Based on Chitosan and Its Derivatives: State of the Art and Perspectives. <i>Molecules</i> , 2020 , 25,	4.8	18
115	Fire retardant action of zinc phosphinate and polyamide 11 blend containing lignin as a carbon source. <i>Polymer Degradation and Stability</i> , 2018 , 153, 63-74	4.7	17
114	Thermal, rheological, and barrier properties of waterborne acrylic nanocomposite coatings based on boehmite or organo-modified montmorillonite. <i>Journal of Thermal Analysis and Calorimetry</i> , 2013 , 111, 1303-1310	4.1	17
113	Composites based on carbon fibers and liquid crystalline epoxy resins, 2 Dynamic-mechanical analysis and fracture toughness behavior. <i>Macromolecular Chemistry and Physics</i> , 2000 , 201, 2639-2645	2.6	17
112	The effect of fluoropolymer architecture on the exterior weathering of coatings. <i>Macromolecular Symposia</i> , 2002 , 187, 469-480	0.8	16
111	Acrylic polyester resins containing perfluoropolyethers structures: Synthesis, characterization, and photopolymerization 2000 , 75, 651-659		16
110	Cationic photopolymerization of polyfunctional 1-propenyl ether systems. <i>Polymer International</i> , 2001 , 50, 998-1003	3.3	15

109	Sol-Gel and Layer-by-Layer Coatings for Flame-Retardant Cotton Fabrics: Recent Advances. <i>Coatings</i> , 2020 , 10, 333	2.9	15
108	Preparation and characterization of UV-cured composite films containing ZnO nanostructures: Effect of filler geometric features on piezoelectric response. <i>Progress in Organic Coatings</i> , 2017 , 109, 45-54	4.8	14
107	Epoxy/Siloxane hybrid coatings by a dual-curing process. <i>Advances in Polymer Technology</i> , 2009 , 28, 77-85	1.9	14
106	UV-curable acrylic coatings containing biomacromolecules: A new fire retardant strategy for ethylene-vinyl acetate copolymers. <i>Progress in Organic Coatings</i> , 2019 , 127, 330-337	4.8	14
105	Semi-interpenetrating polymer networks of methyl cellulose and polyacrylamide prepared by frontal polymerization. <i>Journal of Polymer Science Part A</i> , 2017 , 55, 1268-1274	2.5	13
104	Thermal and flame retardant properties of ethylene vinyl acetate copolymers containing deoxyribose nucleic acid or ammonium polyphosphate. <i>Journal of Thermal Analysis and Calorimetry</i> , 2015 , 122, 705-715	4.1	13
103	Hybrid Silica-Phytic Acid Coatings: Effect on the Thermal Stability and Flame Retardancy of Cotton. <i>Polymers</i> , 2019 , 11,	4.5	13
102	Thermal Degradation of Cellulose and Cellulosic Substrates 2015 , 301-332		13
101	Permeation Behavior of Polysulfone Membranes Modified by Fully Organic Layer-by-Layer Assemblies. <i>Industrial & Engineering Chemistry Research</i> , 2013 , 52, 16406-16413	3.9	13
100	Investigation on the structure-property relationships for films obtained from UV curable coatings. <i>Progress in Organic Coatings</i> , 1993 , 22, 301-314	4.8	13
99	The role of different dry-mixing techniques on the mechanical and biological behavior of UHMWPE/alumina-zirconia composites for biomedical applications. <i>European Polymer Journal</i> , 2019 , 120, 109274	5.2	12
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