A Richard Horrocks

List of Publications by Year
in descending order

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160 papers	6,335 citations	61857 43 h-index	79541 73 g-index
173 all docs	173 docs citations	173 times ranked	3870 citing authors

#	Article	IF	Citations
1	A review of flame retardant polypropylene fibres. Progress in Polymer Science, 2003, 28, 1517-1538.	11.8	490
2	Flame retardant challenges for textiles and fibres: New chemistry versus innovatory solutions. Polymer Degradation and Stability, 2011, 96, 377-392.	2.7	474
3	Developments in flame retardant textiles â€“ a review. Polymer Degradation and Stability, 2005, 88, 3-12.	2.7	322
4	Flame-Retardant Treatments of Cellulose and Their Influence on the Mechanism of Cellulose Pyrolysis. Journal of Macromolecular Science - Reviews in Macromolecular Chemistry and Physics, 1996, 36, 721-794.	2.2	274
5	Flameâ€retardant Finishing of Textiles. Review of Progress in Coloration and Related Topics, 1986, 16, 62-101.	0.2	197
6	Flame-retardant unsaturated polyester resin incorporating nanoclays. Polymers for Advanced Technologies, 2006, 17, 294-303.	1.6	155
7	Understanding the thermal and dielectric response of organosolv and modified kraft lignin as a carbon fibre precursor. Green Chemistry, 2018, 20, 4461-4472.	4.6	122
8	An Introduction to the Burning Behaviour of Cellulosic Fibres. Coloration Technology, 2008, 99, 191-197.	0.1	115
9	The sensitisation of thermal decomposition of ammonium polyphosphate by selected metal ions and their potential for improved cotton fabric flame retardancy. Polymer Degradation and Stability, 2005, 88, 114-122.	2.7	108
10	Studies on the effect of different levels of toughener and flame retardants on thermal stability of epoxy resin. Polymer Degradation and Stability, 2010, 95, 144-152.	2.7	100
11	Effect of Carbon Black on UV stability of LLDPE films under artificial weathering conditions. Polymer Degradation and Stability, 2002, 75, 485-499.	2.7	98
12	Study of the thermal decomposition of flame-retarded unsaturated polyester resins by thermogravimetric analysis and Py-GC/MS. Polymer Degradation and Stability, 2008, 93, 1996-2006.	2.7	98
13	Use of cone calorimetry to quantify the burning hazard of apparel fabrics. Fire and Materials, 2002, 26, 191-199.	0.9	96
14	An investigation into the mechanism of flame retardancy and smoke suppression by melamine in flexible polyurethane foam. Fire and Materials, 2002, 26, 201-206.	0.9	89
15	Flammability, degradation and structural characterization of fibre-forming polypropylene containing nanoclayâ€“flame retardant combinations. Polymer Degradation and Stability, 2006, 91, 719-725.	2.7	83
16	Flame retardant textile back-coatings. Part 2. Effectiveness of phosphorus-containing flame retardants in textile back-coating formulations. Polymer International, 2000, 49, 1079-1091.	1.6	80
17	The influence of carbon black on properties of orientated polypropylene 2. Thermal and photodegradation. Polymer Degradation and Stability, 1999, 65, 25-36.	2.7	78
18	The Burning Behaviour of Textiles and its Assessment by Oxygen-index Methods. Textile Progress, 1988, 18, 1-186.	1.3	76

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19	Mechanism of fluorescence quenching in solution. Part 2.â€"Quenching by xenon and intersystem crossing efficiencies. Transactions of the Faraday Society, 1966, 62, 3393-3399.	0.9	73
20	Advances in fire retardant materials. , 2008, , .		73
21	The effect of intumescents on the burning behaviour of polyester-resin-containing composites. Composites Part A: Applied Science and Manufacturing, 2002, 33, 805-817.	3.8	69
22	Mechanical performance of heat/fire damaged novel flame retardant glass-reinforced epoxy composites. Composites Part A: Applied Science and Manufacturing, 2003, 34, 863-873.	3.8	66
23	Textile flammability research since 1980 â€“ Personal challenges and partial solutions. Polymer Degradation and Stability, 2013, 98, 2813-2824.	2.7	65
24	The Potential for Volatile Phosphorus-containing Flame Retardants in Textile Back-coatings. Journal of Fire Sciences, 2007, 25, 523-540.	0.9	64
25	Smoke, CO, and CO₂ Measurements and Evaluation using Different Fire Testing Techniques for Flame Retardant Unsaturated Polyester Resin Formulations. Journal of Fire Sciences, 2008, 26, 215-242.	0.9	63
26	Effect of carbon black on the oxidation of polyolefinsâ€"An overview. Polymer Degradation and Stability, 1994, 44, 351-356.	2.7	61
27	Char formation in flame-retarded wool fibres. Part 1. Effect of intumescent on thermogravimetric behaviour. Fire and Materials, 2000, 24, 151-157.	0.9	61
28	Quantification of Zinc Hydroxystannate** and Stannate** Synergies in Halogen-containing Flame-retardant Polymeric Formulations. Journal of Fire Sciences, 2010, 28, 217-248.	0.9	61
29	Textile Materials for Medical and Healthcare Applications. Journal of the Textile Institute, 1997, 88, 83-93.	1.0	57
30	Surface modification of fabrics for improved flashâ€fire resistance using atmospheric pressure plasma in the presence of a functionalized clay and polysiloxane. Polymers for Advanced Technologies, 2011, 22, 22-29.	1.6	57
31	Flammability of polyacrylonitrile and its copolymers II. Thermal behaviour and mechanism of degradation. Polymer International, 1994, 33, 303-314.	1.6	56
32	Polypropylene fibers containing dispersed clays having improved fire performance. I. Effect of nanoclays on processing parameters and fiber properties. Journal of Applied Polymer Science, 2007, 106, 1707-1717.	1.3	54
33	A quantitative study of carbon monoxide and carbon dioxide evolution during thermal degradation of flame retarded epoxy resins. Polymer Degradation and Stability, 2007, 92, 765-776.	2.7	54
34	Complex char formation in flame retarded fibre-intumescent combinations: 1. Scanning electron microscopic studies. Polymer, 1996, 37, 3197-3206.	1.8	53
35	Enhancing polymer char formation by reaction with phosphorylated polyols. 1. Cellulose. Polymer, 2001, 42, 8025-8033.	1.8	53
36	The flammability of polyacrylonitrile and its copolymers IV. The flame retardant mechanism of ammonium polyphosphate. Fire and Materials, 1994, 18, 307-312.	0.9	52

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37	Thermal degradation analysis and XRD characterisation of fibre-forming synthetic polypropylene containing nanoclay. Polymer Degradation and Stability, 2007, 92, 727-732.	2.7	52
38	Complex Char Formation in Flame-Retarded Fiber/Intumescent Combinations: Physical and Chemical Nature of Char1. Textile Reseach Journal, 1999, 69, 374-381.	1.1	51
39	Use of gas chromatographic analysis of volatile products to investigate the mechanisms underlying the influence of flame retardants on the pyrolysis of cellulose in air. Polymer Degradation and Stability, 1991, 33, 155-170.	2.7	49
40	Estimation of heat release rate for polymerâ€“filler composites by cone calorimetry. Polymer Testing, 2004, 23, 225-230.	2.3	49
41	Evidence of interaction in flame-retardant fibre-intumescent combinations by thermal analytical techniques. Thermochimica Acta, 1997, 294, 113-125.	1.2	47
42	Burning behaviour of foam/cotton fabric combinations in the cone calorimeter. Polymer Degradation and Stability, 2002, 77, 213-220.	2.7	47
43	New developments in flame retardancy of glass-reinforced epoxy composites. Journal of Applied Polymer Science, 2003, 88, 2511-2521.	1.3	46
44	Zinc stannate interactions with flame retardants in polyamides; PartÂ1:ÂSynergiesÂwith organobromine-containing flame retardants inÂpolyamidesÂ6 (PA6) and 6.6 (PA6.6). Polymer Degradation and Stability, 2012, 97, 2503-2510.	2.7	46
45	Polypropylene fibers containing dispersed clays having improved fire performance. Part II: characterization of fibers and fabrics from PPâ€“nanoclay blends. Polymers for Advanced Technologies, 2008, 19, 658-670.	1.6	45
46	Correlation of physicochemical changes in UV-exposed low density polyethylene films containing various UV stabilisers. Polymer Degradation and Stability, 1995, 49, 151-161.	2.7	44
47	Thermogravimetric analysis study of the mechanism of pyrolysis of untreated and flame retardant treated cotton fabrics under a continuous flow of nitrogen. Polymer Degradation and Stability, 1994, 44, 323-333.	2.7	43
48	The flammability of Lyocell. Polymer Degradation and Stability, 1999, 64, 505-510.	2.7	43
49	Effect of different compatibilisers on nanoclay dispersion, thermal stability, and burning behavior of polypropyleneâ€“nanoclay blends. Journal of Applied Polymer Science, 2008, 108, 816-824.	1.3	43
50	SOLVENT DEPENDENCE OF THE QUANTUM YIELD OF TRIPLET STATE PRODUCTION OF 9â€PHENYLANTHRACENE. Photochemistry and Photobiology, 1967, 6, 21-28.	1.3	42
51	Biopolymer blends from hardwood lignin and bio-polyamides: Compatibility and miscibility. International Journal of Biological Macromolecules, 2019, 132, 439-450.	3.6	41
52	The particular flammability hazards of nightwear. Fire Safety Journal, 2004, 39, 259-276.	1.4	40
53	The flammability of polyacrylonitrile and its copolymers. Polymer Degradation and Stability, 1994, 44, 379-386.	2.7	38
54	Complex char formation in flame-retarded fibre-intumescent combinations ? IV. Mass loss and thermal barrier properties. Fire and Materials, 2000, 24, 265-275.	0.9	38

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55	The flammability of polyacrylonitrile and its copolymers III. Effect of flame retardants. Fire and Materials, 1994, 18, 231-241.	0.9	37
56	Flame Retardant Polyamide Fibres: The Challenge of Minimising Flame Retardant Additive Contents with Added Nanoclays. Polymers, 2016, 8, 288.	2.0	37
57	Substantive intumescence from phosphorylated 1,3-propanediol derivatives substituted on to cellulose. Journal of Applied Polymer Science, 2003, 90, 3165-3172.	1.3	34
58	Zinc Stannates as Alternative Synergists in Selected Flame Retardant Systems. Journal of Fire Sciences, 2009, 27, 495-521.	0.9	33
59	Zinc stannate interactions with flame retardants in polyamides; Part 2: Potential synergies with non-halogen-containing flame retardants in polyamide 6 (PA6). Polymer Degradation and Stability, 2012, 97, 645-652.	2.7	33
60	FTIR analysis of gases evolved from cotton and flame retarded cotton fabrics pyrolysed in air. Polymer Degradation and Stability, 1996, 52, 205-213.	2.7	32
61	Scanning electron microscopic studies of wool/intumescent char formation. Polymer International, 2000, 49, 1125-1132.	1.6	31
62	The combined effects of zinc stannate and aluminium diethyl phosphinate on the burning behaviour of glass fibre-reinforced, high temperature polyamide (HTPA). Polymer Degradation and Stability, 2014, 104, 95-103.	2.7	31
63	Ignition studies on cotton cellulose by DTA. Thermochimica Acta, 1983, 63, 351-362.	1.2	30
64	The potential of metal oxalates as novel flame retardants and synergists for engineering polymers. Polymer Degradation and Stability, 2014, 110, 290-297.	2.7	30
65	The Potential for Bio-Sustainable Organobromine-Containing Flame Retardant Formulations for Textile Applicationsâ€"A Review. Polymers, 2020, 12, 2160.	2.0	30
66	Enhancing polymer flame retardancy by reaction with phosphorylated polyols. Part 2. Cellulose treated with a phosphonium salt urea condensate (proban CCÂ®) flame retardant. Fire and Materials, 2002, 26, 173-182.	0.9	29
67	Comparison of cone and OSU calorimetric techniques to assess the flammability behaviour of fabrics used for aircraft interiors. Fire and Materials, 2006, 30, 241-255.	0.9	28
68	Environmentally Sustainable Flame Retardant Surface Treatments for Textiles: The Potential of a Novel Atmospheric Plasma/UV Laser Technology. Fibers, 2018, 6, 31.	1.8	28
69	Use of high-performance fibres and intumescents as char promoters in glass-reinforced polyester composites. Polymer Degradation and Stability, 2005, 88, 123-129.	2.7	27
70	The Effect of Functional Nanoclays in Enhancing the Fire Performance of Fibre-forming Polymers. Journal of the Textile Institute, 2003, 94, 46-66.	1.0	24
71	Use of DTA with infrared analysis of evolved gas to investigate the effect of flame retardants on gas evolution from pyrolysed cellulose (cotton). British Polymer Journal, 1988, 20, 61-67.	0.7	23
72	Char Formation in Polyamides (Nylons 6 and 6.6) and Wool Keratin Phosphorylated by Polyol Phosphoryl Chlorides. Textile Reseach Journal, 2004, 74, 433-441.	1.1	23

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73	The potential for ultrasound to improve nanoparticle dispersion and increase flame resistance in fibre-forming polymers. Polymer Degradation and Stability, 2012, 97, 2511-2523.	2.7	23
74	Char Formation in Flame-Retarded Fibre-Intumescent Combinations. Part V. Exploring Different Fibre/Intumescent Combinations. Fire and Materials, 2001, 25, 153-160.	0.9	22
75	Empirical and numerical approach for optimisation of fire and mechanical performance in fire-retardant glass-reinforced epoxy composites. Fire Safety Journal, 2008, 43, 11-23.	1.4	20
76	Environmental aspects of flameâ€retardant textiles â€an overview. Review of Progress in Coloration and Related Topics, 1992, 22, 48-57.	0.2	20
77	Physicochemical changes in stabilized, orientated polypropylene films during the initial stages of thermal oxidation. Journal of Applied Polymer Science, 1991, 42, 243-261.	1.3	19
78	Flammability of natural plant and animal fibers: a heat release survey. Fire and Materials, 2017, 41, 275-288.	0.9	19
79	Flammability and fire resistance of composites. , 2005, , 330-363.		19
80	Environmental consequences of using flame-retardant textilesâ€"a simple life cycle analytical model. Fire and Materials, 1997, 21, 229-234.	0.9	18
81	Burning behaviour of fabric/polyurethane foam combinations in the cone calorimeter. Polymer International, 2000, 49, 1153-1157.	1.6	18
82	Micromechanical finite element analyses of fire-retarded woven fabric composites at elevated temperatures using unit cells at multiple length scales. Computational Materials Science, 2012, 55, 23-33.	1.4	17
83	The inhibition of spontaneous ignition by flame-retarding cotton fabrics. Journal of Applied Polymer Science, 1990, 41, 3069-3078.	1.3	16
84	The influence of fibre production history and stress on the durability of polypropylene. Polymer Degradation and Stability, 1994, 43, 81-91.	2.7	16
85	Effects of nanoparticles on the flame retardancy of the ammonium sulphamate-dipentaerythritol flame-retardant system in polyamide 6. Polymers for Advanced Technologies, 2013, 24, 398-406.	1.6	16
86	The use of DTA to study spontanceous ignition of cellulose. Fire and Materials, 1985, 9, 57-64.	0.9	15
87	A study of the global kinetics of thermal degradation of a fibre-intumescent mixture. Polymer Degradation and Stability, 2002, 77, 187-194.	2.7	15
88	Novel metal complexes as potential synergists with phosphorus based flame retardants in polyamide 6.6. Polymer Degradation and Stability, 2020, 179, 109220.	2.7	15
89	Hydroxypropyl-modified and organosolv lignin/bio-based polyamide blend filaments as carbon fibre precursorsâ€™. Journal of Materials Science, 2020, 55, 7066-7083.	1.7	15
90	The Flammability of Polyacrylonitrile and Its Copolymers I. The Flammability Assessment Using Pressed Powdered Polymer Samples. Journal of Fire Sciences, 1993, 11, 442-456.	0.9	14

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91	Demonstration of the possible competing effects of oxidation and chain scission in orientated and stressed polypropylenes. Journal of Applied Polymer Science, 1994, 54, 593-600.	1.3	14
92	Synthesis and thermal analytical screening of metal complexes as potential novel fire retardants in polyamide 6.6. Polymer Degradation and Stability, 2017, 144, 420-433.	2.7	14
93	Flame retardant/resistant textile coatings and laminates. , 2008, , 159-187.		13
94	The persistence of burning of textiles in different oxygen environments and the determination of the extinction oxygen index. Fire and Materials, 1983, 7, 111-118.	0.9	12
95	Nitrogen-phosphorous antagonism in flame-retardant cotton. Journal of Applied Polymer Science, 1986, 31, 1655-1662.	1.3	12
96	Smoke and CO Evolution from Cotton and Flame Retarded Cotton. Part 1: Behaviour of Single Layer Fabrics under LOI Conditions. Journal of Fire Sciences, 1988, 6, 333-347.	0.9	12
97	Use of cyclic differential scanning calorimetry. Journal of Thermal Analysis, 1993, 40, 649-656.	0.7	12
98	Thermogravimetric Studies of the Pyrolytic Behaviour in Air of Selected Tropical Timbers. Fire and Materials, 1996, 20, 173-181.	0.9	12
99	Design and characterisation of bicomponent polyamide 6 fibres with specific locations of each flame retardant component for enhanced flame retardancy. Polymer Testing, 2019, 79, 106041.	2.3	12
100	Combined atmospheric pressure plasma and UV surface functionalisation and diagnostics of nylon 6.6 fabrics. Applied Surface Science, 2021, 562, 150090.	3.1	12
101	Studies on the temperature dependence of extinction oxygen index values for cellulosic fabrics. I. Cotton. Journal of Applied Polymer Science, 1987, 34, 1901-1916.	1.3	11
102	Smoke, CO2 and CO Evolution from Cotton and Flame Retarded Cotton: Part 2. Behaviour of Single Layer Fabrics in Air at Elevated Temperatures. Journal of Fire Sciences, 1990, 8, 135-151.	0.9	11
103	Thermal Characterization of Thermoset Matrix Resins. ACS Symposium Series, 2001, , 344-360.	0.5	11
104	Thermally resistant fibres. , 2001, , 281-324.		11
105	Surface Modification of Commingled Flax/PP and Flax/PLA Fibres by Silane or Atmospheric Argon Plasma Exposure to Improve Fibreâ€“Matrix Adhesion in Composites. Fibers, 2022, 10, 2.	1.8	11
106	The spontaneous igniting behaviour of oil-contaminated cotton. Polymer Degradation and Stability, 1991, 33, 295-305.	2.7	10
107	The effects of stress, environment and polymer variables on the durabilities of oriented polypropylene tapes. Polymer Degradation and Stability, 1994, 46, 181-194.	2.7	10
108	Substantive intumescent flame retardants for functional fibrous polymers. Journal of Materials Science, 2003, 38, 2195-2198.	1.7	10

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109	Effect of compatibilizers on lignin/bio-polyamide blend carbon precursor filament properties and their potential for thermostabilisation and carbonisation. Polymer Testing, 2021, 95, 107133.	2.3	10
110	The Burning Behaviour of Combustion Modified High Resilience Polyurethane Foams. Journal of Fire Sciences, 1992, 10, 28-39.	0.9	9
111	Influence of Waste Polymer Inclusion on the Performance of Oriented Polypropylene Geotextile Tapes. Textile Reseach Journal, 1995, 65, 601-606.	1.1	9
112	The influence of carbon black on properties of oriented polypropylene 3. Thermal degradation under applied stress. Polymer Degradation and Stability, 2002, 78, 225-235.	2.7	9
113	UV stabilising synergies between carbon black and hindered light stabilisers in linear low density polyethylene films. Macromolecular Symposia, 2003, 202, 199-220.	0.4	9
114	Integrated thermal, micro- and macro-mechanical modelling of post-fire flexural behaviour of flame-retarded glass/epoxy composites. Computational Materials Science, 2012, 59, 22-32.	1.4	9
115	Effect of alkali and ultraviolet aging on physical, thermal, and mechanical properties of fibers for potential use as reinforcing elements in glass/silicate composites. Polymers for Advanced Technologies, 2012, 23, 1454-1463.	1.6	9
116	Effectiveness of Phosphorus-Containing Flame Retardants in Textile Back-coating Formulations. Journal of Industrial Textiles, 2000, 29, 206-239.	1.1	9
117	FUNCTIONAL PROPERTIES OF TEXTILES. Journal of the Textile Institute, 1985, 76, 196-206.	1.0	8
118	Improved synthesis of 1-methoxy-3-methyl-2-phospholene oxide utilising multivariate optimization analysis. Journal of the Chemical Society Perkin Transactions II, 1993, , 629.	0.9	8
119	Potential Synergism between Novel Metal Complexes and Polymeric Brominated Flame Retardants in Polyamide 6.6. Polymers, 2020, 12, 1543.	2.0	8
120	10â€"THE INFLUENCE OF TEMPERATURE AND OXYGEN CONCENTRATION ON THE BURNING BEHAVIOUR OF COTTON. Journal of the Textile Institute, 1986, 77, 119-127.	1.0	7
121	Title is missing!. Journal of Materials Science, 1999, 34, 4333-4340.	1.7	7
122	Combustion processes of textile fibres. , 2013, , 3-25.		7
123	Emission from benzene excited by pulse radiolysis. Canadian Journal of Chemistry, 1970, 48, 1000-1002.	0.6	6
124	Influence of Laundering on Durable Flame Retarded Cotton Fabrics â€" Part 1. Effect of Oxidant Concentration and Detergent Type. Journal of Fire Sciences, 1992, 10, 335-351.	0.9	6
125	Heat release measurements for non-flaming barrier fabrics using thermopile and oxygen consumption techniques. Polymer International, 2000, 49, 1210-1215.	1.6	6
126	Investigation into Cotton Fibre Morphology Part II: Effect of Scouring and Bleaching Treatments on Absorption. Journal of the Textile Institute, 2000, 91, 107-122.	1.0	6

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127	Thermal (heat and fire) protection. , 2005, , 398-440.		6
128	Developments in flame-retarding polyester/cotton blends. Coloration Technology, 2008, 105, 346-349.	0.1	6
129	A new accurate method for determining the quantum yields of triplet state production of aromatic molecules in solution. Chemical Communications / Chemical Society, London, 1965, , 452.	0.1	5
130	The use of TGA to study thermal ageing effects of orientated polypropylene. Thermochimica Acta, 1988, 134, 255-260.	1.2	5
131	Thermal, spectral and morphological studies on cellulose, cellulose ethylthiophosphate and its metal complexes in air. Polymer International, 1993, 30, 33-45.	1.6	5
132	Effect of Recycled Polyolefin Inclusion on the Properties of Polypropylene Filaments. Textile Reseach Journal, 2000, 70, 363-372.	1.1	5
133	Effect of Layered Silicate Nanocomposites on Burning Behavior of Conventionally Flame-Retarded Unsaturated Polyesters. ACS Symposium Series, 2005, , 155-171.	0.5	5
134	Flammability testing of fabrics. , 2008, , 339-388.		5
135	Fibre-reinforced glass/silicate composites: effect of fibrous reinforcement on intumescence behaviour of silicate matrices as a fire barrier application. Materials and Design, 2015, 86, 80-88.	3.3	5
136	Effects of Water and Chemical Solutions Ageing on the Physical, Mechanical, Thermal and Flammability Properties of Natural Fibre-Reinforced Thermoplastic Composites. Molecules, 2021, 26, 4581.	1.7	5
137	Studies on the temperature dependence of extinction oxygen index values for cellulosic fabrics. II. Commercial quality flame-retarded cotton. Journal of Applied Polymer Science, 1989, 37, 1051-1061.	1.3	4
138	Application of evolved gas analysis. Analytical Proceedings, 1990, 27, 145.	0.4	4
139	Studies on evolved gases and smoke generated by flame-retarded phosphorylated cellulosics. Fire Safety Journal, 1993, 20, 189-202.	1.4	4
140	Novel Intumescent Applications to Textiles. Journal of Coated Fabrics, 1997, 27, 17-26.	0.1	4
141	Influence of Waste Polymer Inclusion on the Performance of Oriented Polypropylene Geotextile Tapes. Textile Reseach Journal, 1998, 68, 473-478.	1.1	4
142	Potential Applications of Nanocomposites for Flame Retardancy. , 0, , 325-353.		4
143	Flame resistant textiles for transport applications. , 2013, , 603-622.		4
144	Investigation into Cotton Fibre Morphology Part I: Effect of Chemical and Physical Treatments on Fibre Porosity. Journal of the Textile Institute, 1999, 90, 481-492.	1.0	3

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145	Investigation into Cotton Fibre Morphology Part III: Effect of Alcohol Treatment on Water Absorption. Journal of the Textile Institute, 2000, 91, 123-131.	1.0	3
146	Effectiveness of Phosphorus-Containing Flame Retardants in Textile Back-coating Formulations. Journal of Industrial Textiles, 2000, 29, 206-239.	1.1	3
147	Effect of Flame Retardants on the Thermal, Burning, and Char Formation Behaviour of Polypropylene-Nanoclay Compounded Polymers. ACS Symposium Series, 2009, , 47-69.	0.5	3
148	Smart flame retardant textile coatings and laminates. , 2010, , 264-293.		3
149	The effect of fibrous reinforcement on optical and impact performance of fibre-reinforced transparent glass composites. Journal of Materials Science, 2014, 49, 1903-1913.	1.7	3
150	The Extinction Oxygen Index of Polyester-Cotton Blended Fabrics. Journal of Fire Sciences, 1988, 6, 432-449.	0.9	2
151	Nanocomposites II: Potential applications for nanocomposite-based flame retardant systems. , 2008, , 124-158.		2
152	RECYCLING AND RECOVERY STRATEGIES. , 1996, , 3-15.		1
153	THE PRODUCTION OF HIGH TENACITY TAPES FROM WASTE POLYPROPYLENE. , 1996, , 127-133.		1
154	Flame resistant composites and nanocomposites. , 2013, , 283-321.		1
155	Fundamentals: Flammability, ignition, and fire spread in polymers. , 2022, , 1-72.		1
156	Studies on the temperature dependence of extinction oxygen index values for cellulosic fabrics: III. Comparison with limiting oxygen index for commercial flame-retarded cotton. Journal of Applied Polymer Science, 1990, 39, 2165-2172.	1.3	0
157	ENVIRONMENTAL CONSEQUENCES OF USING FLAME RETARDANT TEXTILES - A SIMPLE LIFE CYCLE ANALYTICAL MODEL. , 1999, , 297-303.		0
158	Multivariate analysis of the performance of responsive heat barrier materials. Polymer International, 2000, 49, 1226-1231.	1.6	0
159	Modelling Thermal Degradation of Flame-Retarded Epoxy Resin Formulations under Different Heating Conditions. ACS Symposium Series, 2009, , 368-386.	0.5	0
160	Flame resistant ceramic fibres. , 2013, , 272-282.		0