

John Ebdon

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71
papers

1,567
citations

21
h-index

37
g-index

75
ext. papers

1,682
ext. citations

3.8
avg, IF

4.17
L-index

| # | Paper | IF | Citations |
|----|---|------|-----------|
| 71 | The flame-retardant effect of diethyl vinyl phosphonate in copolymers with styrene, methyl methacrylate, acrylonitrile and acrylamide. <i>Polymer</i> , 1994 , 35, 3470-3473 | 3.9 | 144 |
| 70 | Influence of covalently bound phosphorus-containing groups on the flammability of poly(vinyl alcohol), poly(ethylene-co-vinyl alcohol) and low-density polyethylene. <i>Polymer</i> , 1993 , 34, 4547-4556 | 3.9 | 137 |
| 69 | Flame retardance of poly(methyl methacrylate) modified with phosphorus-containing compounds. <i>Polymer Degradation and Stability</i> , 2002 , 77, 227-233 | 4.7 | 128 |
| 68 | Flame retardance in some polystyrenes and poly(methyl methacrylate)s with covalently bound phosphorus-containing groups: initial screening experiments and some laser pyrolysis mechanistic studies. <i>Polymer Degradation and Stability</i> , 2000 , 69, 267-277 | 4.7 | 114 |
| 67 | Flame retarding poly(methyl methacrylate) with phosphorus-containing compounds: comparison of an additive with a reactive approach. <i>Polymer Degradation and Stability</i> , 2001 , 74, 441-447 | 4.7 | 71 |
| 66 | Thermal degradation and flame retardance in copolymers of methyl methacrylate with diethyl(methacryloyloxymethyl)phosphonate. <i>Polymer Degradation and Stability</i> , 2000 , 70, 425-436 | 4.7 | 67 |
| 65 | Synthesis and properties of amphiphilic networks 3: preparation and characterization of block conetworks of poly(butyl methacrylate-block-(2,3 propandiol-1-methacrylate-stat-ethandiol dimethacrylate)). <i>Biomaterials</i> , 2005 , 26, 2219-30 | 15.6 | 55 |
| 64 | Chain extension and crosslinking of telechelic oligomers□ Michael additions of bisamines to bismaleimides and bis(acetylene ketone)s. <i>European Polymer Journal</i> , 1995 , 31, 647-652 | 5.2 | 49 |
| 63 | Thermal degradation analysis and XRD characterisation of fibre-forming synthetic polypropylene containing nanoclay. <i>Polymer Degradation and Stability</i> , 2007 , 92, 727-732 | 4.7 | 47 |
| 62 | Flame-retarding effects of dialkyl-p-vinylbenzyl phosphonates in copolymers with acrylonitrile. <i>Polymer International</i> , 2006 , 55, 764-771 | 3.3 | 44 |
| 61 | Effect of different compatibilisers on nanoclay dispersion, thermal stability, and burning behavior of polypropylene□nanoclay blends. <i>Journal of Applied Polymer Science</i> , 2008 , 108, 816-824 | 2.9 | 38 |
| 60 | Ignition temperatures and pyrolysis of a flame-retardant methyl methacrylate copolymer containing diethyl(methacryloyloxymethyl)-phosphonate units. <i>Polymer International</i> , 2000 , 49, 1164-1168 | 3.3 | 37 |
| 59 | Blends of unsaturated polyester and phenolic resins for application as fire-resistant matrices in fibre-reinforced composites. Part 2: Effects of resin structure, compatibility and composition on fire performance. <i>Polymer Degradation and Stability</i> , 2015 , 113, 154-167 | 4.7 | 36 |
| 58 | Chain extension and crosslinking of telechelic oligomers□. Michael additions of bistiols to bismaleimides, bismaleates and bis(acetylene ketone)s to give linear and crosslinked polymers. <i>European Polymer Journal</i> , 1995 , 31, 653-658 | 5.2 | 31 |
| 57 | Flame Retardance and Physical Properties of Novel Cured Blends of Unsaturated Polyester and Furan Resins. <i>Polymers</i> , 2015 , 7, 298-315 | 4.5 | 27 |
| 56 | Thermal degradation and flammability characteristics of some polystyrenes and poly(methyl methacrylate)s chemically modified with silicon-containing groups. <i>Polymer Degradation and Stability</i> , 2004 , 83, 181-185 | 4.7 | 27 |
| 55 | Blends of unsaturated polyester and phenolic resins for application as fire-resistant matrices in fibre-reinforced composites: Effects of added flame retardants. <i>Polymer Degradation and Stability</i> , 2014 , 106, 129-137 | 4.7 | 26 |

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| 54 | Development of vinyl ester resins with improved flame retardant properties for structural marine applications. <i>Reactive and Functional Polymers</i> , 2018 , 129, 111-122 | 4.6 | 25 |
| 53 | The influence of comonomers on the degradation and flammability of polyacrylonitrile: Design input for a new generation of flame retardants. <i>Polymer Degradation and Stability</i> , 2010 , 95, 2260-2268 | 4.7 | 24 |
| 52 | Characterisation of some melamine-formaldehyde condensates and some cured resins by ¹ H, ¹³ C and ¹⁵ N n.m.r. spectroscopy. <i>British Polymer Journal</i> , 1988 , 20, 327-334 | | 24 |
| 51 | Preparation of amphiphilic networks by Diels-Alder reactions between oligo(butyl methacrylate) with furan end-groups and a poly(ethylene oxide-co-acetylenedicarboxylate). <i>Macromolecular Rapid Communications</i> , 1997 , 18, 723-728 | 4.8 | 22 |
| 50 | Luminescence studies of polymer matrices: 1. Phosphorescence of benzophenone dispersed in poly(methyl methacrylate). <i>Polymer</i> , 1995 , 36, 1577-1584 | 3.9 | 21 |
| 49 | Characterisation of separated melamine-formaldehyde adducts (methylolmelamines) and adduct mixtures by h.p.l.c. and by n.m.r. and u.v. spectroscopy. <i>British Polymer Journal</i> , 1987 , 19, 197-203 | | 20 |
| 48 | The effects of some transition-metal compounds on the flame retardance of poly(styrene-co-4-vinyl pyridine) and poly(methyl methacrylate-co-4-vinyl pyridine). <i>Polymer Degradation and Stability</i> , 1998 , 60, 401-407 | 4.7 | 19 |
| 47 | Improved synthesis of phosphorus-containing styrenic monomers. <i>Designed Monomers and Polymers</i> , 2004 , 7, 301-309 | 3.1 | 19 |
| 46 | Ozonolysis of tetramethylethylene: characterization of cyclic and open-chain oligoperoxidic products. <i>Journal of Organic Chemistry</i> , 2004 , 69, 6967-73 | 4.2 | 18 |
| 45 | Fire and mechanical properties of a novel free-radically cured phenolic resin based on a methacrylate-functional novolac and of its blends with an unsaturated polyester resin. <i>RSC Advances</i> , 2015 , 5, 33772-33785 | 3.7 | 17 |
| 44 | Blends of unsaturated polyester and phenolic resins for application as fire-resistant matrices in fibre-reinforced composites. Part 1: identifying compatible, co-curable resin mixtures. <i>Journal of Materials Science</i> , 2013 , 48, 6929-6942 | 4.3 | 16 |
| 43 | Synthesis of telechelic oligostyrenes by the ozonolysis of poly(styrene-stat-butadiene): Protection of styrene units against ozone attack by the use of Di-N-alkyl amides as sacrificial ozone scavengers. <i>Journal of Polymer Science Part A</i> , 1996 , 34, 3573-3583 | 2.5 | 16 |
| 42 | Free-radical aqueous slurry polymerizations of acrylonitrile: 2. End-groups and other minor structures in polyacrylonitriles initiated by potassium persulfate/sodium bisulfite. <i>Polymer</i> , 1994 , 35, 4659-4664 | 3.9 | 16 |
| 41 | Recent developments in flame-retarding thermoplastics and thermosets 2001 , 220-263 | | 14 |
| 40 | The terpolymerisation of styrene, methyl methacrylate and maleic anhydride. <i>Die Makromolekulare Chemie</i> , 1979 , 180, 1251-1256 | | 14 |
| 39 | Photolysis of methyl methacrylate-methyl vinyl ketone copolymers. A new route to acrylic macromonomers?. <i>Polymer</i> , 1994 , 35, 451-460 | 3.9 | 12 |
| 38 | Complete ozonolysis of alkyl substituted ethenes at -60 degrees C: distributions of ozonide and oligomeric products. <i>Organic and Biomolecular Chemistry</i> , 2005 , 3, 1323-9 | 3.9 | 11 |
| 37 | Synthesis of polyesters by reaction of carboxylic acid quaternary ammonium salts with alkyl halides or alkyl tosylates. <i>Polymer</i> , 1996 , 37, 1267-1271 | 3.9 | 11 |

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| 36 | Polymer-supported reagents as aids in controlled degradation of polymers containing ozonides in the main chain to give telechelic oligomers. <i>Reactive and Functional Polymers</i> , 1995 , 26, 145-155 | 4.6 | 10 |
| 35 | Novel flame retardant thermoset resin blends derived from a free-radically cured vinylbenzylated phenolic novolac and an unsaturated polyester for marine composites. <i>Polymer Degradation and Stability</i> , 2016 , 127, 56-64 | 4.7 | 9 |
| 34 | Polymethacrylate Networks as Substrates for Cell Culture. <i>Macromolecular Symposia</i> , 2007 , 256, 137-148 | 0.8 | 9 |
| 33 | Degradative Routes to Telechelic Oligomers and Macromonomers. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 1995 , 32, 603-611 | 2.2 | 8 |
| 32 | Preparation of .alpha.-Phenyl Ketone-, .omega.-Carboxylate-Ended Telechelic Methyl Methacrylate Oligomers by the Ozonolysis of Regioregular Methyl Methacrylate-Phenylacetylene Copolymers. <i>Macromolecules</i> , 1994 , 27, 6704-6707 | 5.5 | 8 |
| 31 | The terpolymerization of methyl methacrylate, methyl acrylate and maleic anhydride. <i>Die Makromolekulare Chemie</i> , 1974 , 175, 3173-3180 | | 8 |
| 30 | Phosphorus-Based Flame Retardants 2009 , 107-127 | | 8 |
| 29 | Intumescent fire-retardant coatings for plastics based on poly(vinylphosphonic acid): Improving water resistance with comonomers. <i>Journal of Applied Polymer Science</i> , 2020 , 137, 47601 | 2.9 | 8 |
| 28 | Radical Polymerizations Initiated by Novel Low Molecular Weight and Polymeric Cyclic Diperoxides: Synthesis of Poly(Methyl Methacrylate), Polystyrene, and Poly(Styrene-B-Methyl Methacrylate). <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 1995 , 32, 831-841 | 2.2 | 7 |
| 27 | Luminescence studies of the conformational behaviour of hydrophobically-modified, water-soluble polymers. <i>Macromolecular Symposia</i> , 1994 , 79, 167-177 | 0.8 | 7 |
| 26 | Branched Oligovinylcyclopropane by Transfer to Allylic Carbonate Comonomers via Radical Ring-Opening Polymerization. <i>Macromolecular Rapid Communications</i> , 2006 , 27, 2007-2013 | 4.8 | 6 |
| 25 | Telechelic oligo(2,3-dihydroxypropylmethacrylate acetonide)s with aldehyde end functionality prepared by ozonolytic cleavage of poly(2,3-dihydroxypropan-1-methacrylate acetonide-stat-butadiene), prepared by monomer starve-fed emulsion polymerization. <i>Reactive and Functional Polymers</i> , 2004 , 53, 213-224 | 4.6 | 6 |
| 24 | Synthesis of Poly(isobutylene-b-styrene) Block Copolymers by Thermolysis of Ozonized Alkene-Ended Polyisobutylenes in the Presence of Styrene. <i>Macromolecules</i> , 2001 , 34, 3882-3888 | 5.5 | 6 |
| 23 | Radical copolymerisation of maleic anhydride with trans-stilbene. <i>British Polymer Journal</i> , 1987 , 19, 333-337 | | 6 |
| 22 | Luminescence studies of polymer matrices. III. Characterization and evaluation of acrylic acid-based polymers as hosts for a phosphorescent coding system. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 1999 , 37, 2127-2136 | 2.6 | 5 |
| 21 | Synthesis of water-soluble telechelic methyl-ketone-ended oligo-N,N-dimethylacrylamides by the ozonolysis of poly(N,N-dimethylacrylamide-stat-2,3-dimethylbutadiene)s. <i>Journal of Polymer Science Part A</i> , 1995 , 33, 593-597 | 2.5 | 5 |
| 20 | Synthesis of new telechelic oligomers and macro-monomers by [constructive degradation] <i>Macromolecular Symposia</i> , 1994 , 84, 45-54 | 0.8 | 5 |
| 19 | Photolysis of vinyl ketone copolymers: 3. Norrish Type 1 versus modified Norrish Type 2 chain scission in some methyl methacrylate-aryl vinyl ketone copolymers. <i>Polymer</i> , 1994 , 35, 4079-4082 | 3.9 | 5 |

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| 18 | Photolysis of vinyl ketone copolymers. 4: Macromonomeric products from photolyses of copolymers of styrene and methyl acrylate with methyl vinyl ketone. <i>Polymer</i> , 1998 , 39, 6875-6882 | 3.9 | 4 |
| 17 | Initiation of radical polymerization with radicals produced from thermolyzed alkene ozonates. <i>Designed Monomers and Polymers</i> , 2002 , 5, 233-243 | 3.1 | 4 |
| 16 | Luminescence Studies of Polymer Matrices: 2. on the Phosphorescence Characteristics of 2-Benzoylnaphthalene Dispersed in Various Acrylic Polymers. <i>High Performance Polymers</i> , 1999 , 11, 49-62 | 1.6 | 4 |
| 15 | Rate of copolymerization in strongly alternating systems: The evidence for the involvement of monomer complexes. <i>Makromolekulare Chemie Macromolecular Symposia</i> , 1987 , 10-11, 441-459 | | 4 |
| 14 | Heterogeneous polymerization of some methacrylate monomers. <i>Journal of Applied Polymer Science</i> , 1978 , 22, 2471-2483 | 2.9 | 4 |
| 13 | Fire-resistant flax-reinforced polypropylene/polylactic acid composites with optimized fire and mechanical performances. <i>Journal of Thermoplastic Composite Materials</i> , 2020 , 33, 898-914 | 1.9 | 4 |
| 12 | A Clean and High Yield Synthesis of Oligo(butyl methacrylate) with Sulfonate End Groups using Polymer Supported Reagents \square <i>Journal of Chemical Research Synopses</i> , 1997 , 408 | | 3 |
| 11 | Radical polymerizations of some vinyl alkyl carbonates. <i>Polymer</i> , 1994 , 35, 4819-4822 | 3.9 | 3 |
| 10 | Flax/PP and Flax/PLA Thermoplastic Composites: Influence of Fire Retardants on the Individual Components. <i>Polymers</i> , 2020 , 12, | 4.5 | 3 |
| 9 | Trimethoxysilyl end-capped hyperbranched polyglycidol/polycaprolactone copolymers for cell delivery and tissue repair: synthesis, characterisation and aqueous solution properties. <i>European Polymer Journal</i> , 2019 , 112, 648-659 | 5.2 | 3 |
| 8 | Flammability and Thermal Stability of Unsaturated Polyester Resin-Based Blends and Composites 2019 , 435-469 | | 2 |
| 7 | Luminescence Studies of Polymer Matrices: 4. Phosphorescence of Benzophenone Dispersed in Acrylic Acid Based Polymer Films. <i>High Performance Polymers</i> , 1999 , 11, 331-341 | 1.6 | 1 |
| 6 | The tacticity of poly(tri-n-butyl tin methacrylate) determined by ^{13}C n.m.r.. <i>British Polymer Journal</i> , 1984 , 16, 69-70 | | 1 |
| 5 | Polymer characterisation 2: Lancaster university, 19-20 september 1990. <i>Polymer International</i> , 1991 , 26, 1-1 | 3.3 | |
| 4 | The second arab international conference on materials science \square polymeric materials \square <i>Polymer International</i> , 1992 , 28, 259-259 | 3.3 | |
| 3 | Polymerisation of tributyltin methacrylate kinetic studies of polymerisations initiated by 2,2'-azoisobutyronitrile and benzoyl peroxide. <i>Die Makromolekulare Chemie Rapid Communications</i> , 1986 , 7, 421-425 | | |
| 2 | Polymerisation of tributyltin methacrylate, 2. Reactivity of the monomer towards primary radicals. <i>Die Makromolekulare Chemie Rapid Communications</i> , 1987 , 8, 197-202 | | |
| 1 | The Effects of Some Phosphorus-Containing Fire Retardants on the Properties of Glass Fibre-Reinforced Composite Laminates Made from Blends of Unsaturated Polyester and Phenolic Resins. <i>Journal of Composites Science</i> , 2021 , 5, 258 | 3 | |

