

John Ebdon

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.

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 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	
70	Flax/PP and Flax/PLA Thermoplastic Composites: Influence of Fire Retardants on the Individual Components. <i>Polymers</i> , 2020 , 12,	4.5	3
69	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
68	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
67	Flammability and Thermal Stability of Unsaturated Polyester Resin-Based Blends and Composites 2019 , 435-469		2
66	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
65	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
64	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
63	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
62	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
61	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
60	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
59	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
58	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
57	Phosphorus-Based Flame Retardants 2009 , 107-127		8
56	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
55	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

54	Polymethacrylate Networks as Substrates for Cell Culture. <i>Macromolecular Symposia</i> , 2007 , 256, 137-148.	8	9
53	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
52	Flame-retarding effects of dialkyl-p-vinylbenzyl phosphonates in copolymers with acrylonitrile. <i>Polymer International</i> , 2006 , 55, 764-771	3.3	44
51	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
50	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
49	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
48	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 , 58, 213-224	4.6	6
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	Flame retardance of poly(methyl methacrylate) modified with phosphorus-containing compounds. <i>Polymer Degradation and Stability</i> , 2002 , 77, 227-233	4.7	128
44	Initiation of radical polymerization with radicals produced from thermolyzed alkene ozonates. <i>Designed Monomers and Polymers</i> , 2002 , 5, 233-243	3.1	4
43	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
42	Recent developments in flame-retarding thermoplastics and thermosets		2001, 220-263 14
41	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
40	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
39	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
38	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
37	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

36	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
35	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
34	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
33	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
32	A Clean and High Yield Synthesis of Oligo(butyl methacrylate) with Sulfonate End Groups using Polymer Supported Reagents. <i>Journal of Chemical Research Synopses</i> , 1997 , 408		3
31	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
30	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
29	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
28	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
27	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
26	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
25	Degradative Routes to Telechelic Oligomers and Macromonomers. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 1995 , 32, 603-611	2.2	8
24	Chain extension and crosslinking of telechelic oligomers. II. 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
23	Chain extension and crosslinking of telechelic oligomers. I. Michael additions of bisamines to bismaleimides and bis(acetylene ketone)s. <i>European Polymer Journal</i> , 1995 , 31, 647-652	5.2	49
22	Luminescence studies of polymer matrices: 1. Phosphorescence of benzophenone dispersed in poly(methyl methacrylate). <i>Polymer</i> , 1995 , 36, 1577-1584	3.9	21
21	Synthesis of new telechelic oligomers and macro-monomers by "constructive degradation". <i>Macromolecular Symposia</i> , 1994 , 84, 45-54	0.8	5
20	Photolysis of methyl methacrylate-methyl vinyl ketone copolymers. A new route to acrylic macromonomers?. <i>Polymer</i> , 1994 , 35, 451-460	3.9	12
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

18	Radical polymerizations of some vinyl alkyl carbonates. <i>Polymer</i> , 1994 , 35, 4819-4822	3.9	3
17	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
16	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
15	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
14	Luminescence studies of the conformational behaviour of hydrophobically-modified, water-soluble polymers. <i>Macromolecular Symposia</i> , 1994 , 79, 167-177	0.8	7
13	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
12	The second arab international conference on materials science [polymeric materials] <i>Polymer International</i> , 1992 , 28, 259-259	3.3	
11	Polymer characterisation 2: Lancaster university, 19-20 september 1990. <i>Polymer International</i> , 1991 , 26, 1-1	3.3	
10	Characterisation of some melamine-formaldehyde condensates and some cured resins by 1H, 13C and 15N n.m.r. spectroscopy. <i>British Polymer Journal</i> , 1988 , 20, 327-334		24
9	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
8	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
7	Radical copolymerisation of maleic anhydride with trans-stilbene. <i>British Polymer Journal</i> , 1987 , 19, 333-337		6
6	Polymerisation of tributyltin methacrylate, 2. Reactivity of the monomer towards primary radicals. <i>Die Makromolekulare Chemie Rapid Communications</i> , 1987 , 8, 197-202		
5	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		
4	The tacticity of poly(tri-n-butyl tin methacrylate) determined by 13C n.m.r.. <i>British Polymer Journal</i> , 1984 , 16, 69-70		1
3	The terpolymerisation of styrene, methyl methacrylate and maleic anhydride. <i>Die Makromolekulare Chemie</i> , 1979 , 180, 1251-1256		14
2	Heterogeneous polymerization of some methacrylate monomers. <i>Journal of Applied Polymer Science</i> , 1978 , 22, 2471-2483	2.9	4
1	The terpolymerization of methyl methacrylate, methyl acrylate and maleic anhydride. <i>Die Makromolekulare Chemie</i> , 1974 , 175, 3173-3180		8

