

Nadka T Dintcheva

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.

133
papers

2,759
citations

32
h-index

43
g-index

141
ext. papers

3,069
ext. citations

4.2
avg, IF

5.44
L-index

#	Paper	IF	Citations
133	Control of end-of-life oxygen-containing groups accumulation in biopolyesters through introduction of crosslinked polysaccharide particles. <i>Polymer Engineering and Science</i> , 2022 , 62, 426-436 ^{2,3}		
132	Recycled (Bio)Plastics and (Bio)Plastic Composites: A Trade Opportunity in a Green Future. <i>Polymers</i> , 2022 , 14, 2038	4.5	0
131	Matrix and Filler Recycling of Carbon and Glass Fiber-Reinforced Polymer Composites: A Review. <i>Polymers</i> , 2021 , 13,	4.5	6
130	A Review of Bioplastics and Their Adoption in the Circular Economy. <i>Polymers</i> , 2021 , 13,	4.5	45
129	Understanding the Effects of Crosslinking and Reinforcement Agents on the Performance and Durability of Biopolymer Films for Cultural Heritage Protection. <i>Molecules</i> , 2021 , 26,	4.8	4
128	End-of-life and waste management of disposable beverage cups. <i>Science of the Total Environment</i> , 2021 , 763, 143044	10.2	2
127	Encapsulant polymer blend films for bifacial heterojunction photovoltaic modules: Formulation, characterization and durability. <i>Polymer Degradation and Stability</i> , 2021 , 193, 109716	4.7	1
126	Slow Pyrolysis as a Method for Biochar Production from Carob Waste: Process Investigation and Products Characterization. <i>Energies</i> , 2021 , 14, 8457	3.1	3
125	Taking advantage of the functional synergism between carbon nanotubes and graphene nanoplatelets to obtain polypropylene-based nanocomposites with enhanced oxidative resistance. <i>European Polymer Journal</i> , 2020 , 133, 109796	5.2	5
124	Role of Organo-Modifier and Metal Impurities of Commercial Nanoclays in the Photo- and Thermo-Oxidation of Polyamide 11 Nanocomposites. <i>Polymers</i> , 2020 , 12,	4.5	2
123	Natural Compounds as Sustainable Additives for Biopolymers. <i>Polymers</i> , 2020 , 12,	4.5	12
122	Environmentally Friendly Eutectogels Comprising l-amino Acids and Deep Eutectic Solvents: Efficient Materials for Wastewater Treatment. <i>ChemPlusChem</i> , 2020 , 85, 301-311	2.8	18
121	Improvement of oxidation resistance of polymer-based nanocomposites through sonication of carbonaceous nanoparticles. <i>Ultrasonics Sonochemistry</i> , 2020 , 61, 104807	8.9	5
120	Photo-stabilization of biopolymers-based nanocomposites with UV-modified layered silicates. <i>Polymer Degradation and Stability</i> , 2020 , 179, 109252	4.7	4
119	Bionanocomposite Films Containing Halloysite Nanotubes and Natural Antioxidants with Enhanced Performance and Durability as Promising Materials for Cultural Heritage Protection. <i>Polymers</i> , 2020 , 12,	4.5	10
118	Ionic liquid gels and antioxidant carbon nanotubes: Hybrid soft materials with improved radical scavenging activity. <i>Journal of Colloid and Interface Science</i> , 2019 , 556, 628-639	9.3	8
117	Pro-Degradant Activity of Naturally Occurring Compounds on Polyethylene in Accelerate Weathering Conditions. <i>Materials</i> , 2019 , 12,	3.5	7

116	A Fractional-Order Model of Biopolyester Containing Naturally Occurring Compounds for Soil Stabilization. <i>Advances in Materials Science and Engineering</i> , 2019 , 2019, 1-6	1.5	2
115	Anti-/Pro-Oxidant Behavior of Naturally Occurring Molecules in Polymers and Biopolymers: A Brief Review. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 12656-12670	8.3	24
114	Ionic liquids gels: Soft materials for environmental remediation. <i>Journal of Colloid and Interface Science</i> , 2018 , 517, 182-193	9.3	54
113	Nitrogen-Doped Carbon Nanodots-Ionogels: Preparation, Characterization, and Radical Scavenging Activity. <i>ACS Nano</i> , 2018 , 12, 1296-1305	16.7	57
112	An insight into the interaction between functionalized thermoplastic elastomer and layered double hydroxides through rheological investigations. <i>Composites Part B: Engineering</i> , 2018 , 139, 47-54	10	13
111	POSS Grafting on Polyethylene and Maleic Anhydride-Grafted Polyethylene by One-Step Reactive Melt Mixing. <i>Advances in Polymer Technology</i> , 2018 , 37, 349-357	1.9	8
110	Polyamide-Based Fibers Containing Microwave-Exfoliated Graphite Nanoplatelets. <i>Advances in Polymer Technology</i> , 2018 , 37, 786-797	1.9	
109	Mechanical and rheological properties of polystyrene-block-polybutadiene-block-polystyrene copolymer reinforced with carbon nanotubes: effect of processing conditions. <i>Journal of Polymer Engineering</i> , 2018 , 38, 107-117	1.4	1
108	Self-Sustaining Supramolecular Ionic Liquid Gels for Dye Adsorption. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 12453-12462	8.3	43
107	Assessment of pro-oxidant activity of natural phenolic compounds in bio-polyesters. <i>Polymer Degradation and Stability</i> , 2018 , 152, 280-288	4.7	11
106	Sonication-Induced Modification of Carbon Nanotubes: Effect on the Rheological and Thermo-Oxidative Behaviour of Polymer-Based Nanocomposites. <i>Materials</i> , 2018 , 11,	3.5	55
105	Natural phenolic compounds: Anti-oxidants or pro-oxidants for biopolyesters? 2018 ,		2
104	Rheological Percolation Threshold in High-Viscosity Polymer/CNTs Nanocomposites. <i>Journal of Engineering Mechanics - ASCE</i> , 2017 , 143,	2.4	6
103	High-performance thermoplastic elastomers/carbon nanotubes nanocomposites: Mechanical behavior, rheology, and durability. <i>Polymer Composites</i> , 2017 , 38, E381-E391	3	9
102	Thermo-oxidative stabilization of poly(lactic acid)-based nanocomposites through the incorporation of clay with in-built antioxidant activity. <i>Journal of Applied Polymer Science</i> , 2017 , 134,	2.9	10
101	Novel strategic approach for the thermo- and photo- oxidative stabilization of polyolefin/clay nanocomposites. <i>Polymer Degradation and Stability</i> , 2017 , 145, 41-51	4.7	10
100	Concentration-dependent anti-/pro-oxidant activity of natural phenolic compounds in bio-polyesters. <i>Polymer Degradation and Stability</i> , 2017 , 142, 21-28	4.7	25
99	Silanol-POSS as dispersing agents for carbon nanotubes in polyamide. <i>Polymer Engineering and Science</i> , 2017 , 57, 588-594	2.3	5

98	Carbon nanotubes-based nanohybrids for multifunctional nanocomposites. <i>Journal of King Saud University - Science</i> , 2017 , 29, 502-509	3.6	7
97	Supramolecular Hydro- and Ionogels: A Study of Their Properties and Antibacterial Activity. <i>Chemistry - A European Journal</i> , 2017 , 23, 16297-16311	4.8	27
96	Grafting of Hindered Phenol Groups onto Ethylene/Eolefin Copolymer by Nitroxide Radical Coupling. <i>Polymers</i> , 2017 , 9,	4.5	9
95	Low-Density Polyethylene/Polyamide/Clay Blend Nanocomposites: Effect of Morphology of Clay on Their Photooxidation Resistance. <i>Journal of Nanomaterials</i> , 2017 , 2017, 1-9	3.2	1
94	Effect of nano zinc oxide as UV stabilizer on the weathering performance of wood-polyethylene composite. <i>Polymer Degradation and Stability</i> , 2016 , 133, 85-91	4.7	28
93	Thermo-oxidative stabilization of poly(lactic acid) with antioxidant intercalated layered double hydroxides. <i>Polymer Degradation and Stability</i> , 2016 , 133, 92-100	4.7	28
92	Pluronic nanoparticles as anti-oxidant carriers for polymers. <i>Polymer Degradation and Stability</i> , 2016 , 134, 194-201	4.7	16
91	Double bond-functionalized POSS: dispersion and crosslinking in polyethylene-based hybrid obtained by reactive processing. <i>Polymer Bulletin</i> , 2016 , 73, 3385-3400	2.4	5
90	Grafting of polymer chains on the surface of carbon nanotubes via nitroxide radical coupling reaction. <i>Polymer International</i> , 2016 , 65, 48-56	3.3	10
89	Multi-functional polyhedral oligomeric silsesquioxane-functionalized carbon nanotubes for photo-oxidative stable Ultra-High Molecular Weight Polyethylene-based nanocomposites. <i>European Polymer Journal</i> , 2016 , 75, 525-537	5.2	16
88	Biopolyester-based systems containing naturally occurring compounds with enhanced thermo-oxidative stability. <i>Journal of Applied Biomaterials and Functional Materials</i> , 2016 , 14, e455-e462 ^{1.8}		6
87	Effect of Nanodiamonds on Structure and Durability of Polyethylene Oxide-Based Nanocomposites. <i>Journal of Nanomaterials</i> , 2016 , 2016, 1-9	3.2	6
86	Improved carbon nanotubes dispersion through polar dispersant agents in polyamide 2016 ,		1
85	A simple method to interpret the rheological behaviour of intercalated polymer nanocomposites. <i>Composites Part B: Engineering</i> , 2016 , 98, 382-388	10	19
84	Nano-hybrids based on quercetin and carbon nanotubes with excellent anti-oxidant activity. <i>Materials Letters</i> , 2016 , 180, 7-10	3.3	11
83	Advanced nano-hybrids for thermo-oxidative-resistant nanocomposites. <i>Journal of Materials Science</i> , 2016 , 51, 6955-6966	4.3	6
82	High performance composites containing perfluoropolyethers-functionalized carbon-based nanoparticles: Rheological behavior and wettability. <i>Composites Part B: Engineering</i> , 2016 , 95, 29-39	10	5
81	Tunable radical scavenging activity of carbon nanotubes through sonication. <i>Carbon</i> , 2016 , 107, 240-247 ^{10.4}		16

80	Time-resolved rheology as a tool to monitor the progress of polymer degradation in the melt state [Part I: Thermal and thermo-oxidative degradation of polyamide 11. <i>Polymer</i> , 2015 , 72, 134-141	3.9	41
79	Time-resolved rheology as a tool to monitor the progress of polymer degradation in the melt state [Part II: Thermal and thermo-oxidative degradation of polyamide 11/organo-clay nanocomposites. <i>Polymer</i> , 2015 , 73, 102-110	3.9	35
78	On the role of multi-functional polyhedral oligomeric silsesquioxane in polystyrene-zinc oxide nanocomposites. <i>Journal of Polymer Engineering</i> , 2015 , 35, 329-337	1.4	4
77	Thermo-oxidative resistant nanocomposites containing novel hybrid-nanoparticles based on natural polyphenol and carbon nanotubes. <i>Polymer Degradation and Stability</i> , 2015 , 115, 129-137	4.7	29
76	Multi-functional hindered amine light stabilizers-functionalized carbon nanotubes for advanced ultra-high molecular weight Polyethylene-based nanocomposites. <i>Composites Part B: Engineering</i> , 2015 , 82, 196-204	10	32
75	Novel organo-modifier for thermally-stable polymer-layered silicate nanocomposites. <i>Polymer Degradation and Stability</i> , 2015 , 122, 88-101	4.7	29
74	Advanced ultra-high molecular weight polyethylene/antioxidant-functionalized carbon nanotubes nanocomposites with improved thermo-oxidative resistance. <i>Journal of Applied Polymer Science</i> , 2015 , 132, n/a-n/a	2.9	16
73	Polyamide/carbonaceous particles nanocomposites fibers: Morphology and performances. <i>Polymer Composites</i> , 2015 , 36, 1020-1028	3	5
72	Improvement of the photo-stability of polystyrene-block-polybutadiene-block-polystyrene through carbon nanotubes. <i>Polymer Degradation and Stability</i> , 2015 , 118, 24-32	4.7	19
71	Progress in Understanding of the Interactions between Functionalized Polyolefins and Organo-Layered Double Hydroxides. <i>Macromolecular Reaction Engineering</i> , 2014 , 8, 122-133	1.5	5
70	Interaction in POSS-poly(ethylene-co-acrylic acid) nanocomposites. <i>Polymer Journal</i> , 2014 , 46, 160-166	2.7	17
69	Heat-Resistant Fully Bio-Based Nanocomposite Blends Based on Poly(lactic acid). <i>Macromolecular Materials and Engineering</i> , 2014 , 299, 31-40	3.9	49
68	Recycling ground tire rubber (GTR) scraps as high-impact filler of in situ produced polyketone matrix. <i>Polymers for Advanced Technologies</i> , 2014 , 25, 1060-1068	3.2	6
67	Functionalization of aliphatic polyesters by nitroxide radical coupling. <i>Polymer Chemistry</i> , 2014 , 5, 5656	4.9	15
66	Tocopherol-induced radical scavenging activity in carbon nanotubes for thermo-oxidation resistant ultra-high molecular weight polyethylene-based nanocomposites. <i>Carbon</i> , 2014 , 74, 14-21	10.4	39
65	Immobilization of natural anti-oxidants on carbon nanotubes and aging behavior of ultra-high molecular weight polyethylene-based nanocomposites 2014 ,		4
64	Quercetin as natural stabilizing agent for bio-polymer 2014 ,		7
63	Performances and morphology of polyamide/carbonaceous structures based fibers 2014 ,		3

62	Natural compounds as light stabilizer for a starch-based biodegradable polymer. <i>Journal of Polymer Engineering</i> , 2014 , 34, 441-449	1.4	19
61	Using matrix-assisted laser desorption/ionization time-of-flight mass spectrometry for the characterization of functionalized carbon nanotubes. <i>Rapid Communications in Mass Spectrometry</i> , 2013 , 27, 1359-66	2.2	6
60	Rheological behavior of PAN-based electrolytic gel containing tetrahexylammonium and magnesium iodide for photoelectrochemical applications. <i>Rheologica Acta</i> , 2013 , 52, 881-889	2.3	7
59	Effect of the nanotube aspect ratio and surface functionalization on the morphology and properties of multiwalled carbon nanotube polyamide-based fibers. <i>Journal of Applied Polymer Science</i> , 2013 , 129, 2479-2489	2.9	18
58	Accelerated weathering of PP based nanocomposites: Effect of the presence of maleic anhydride grafted polypropylene. <i>EXPRESS Polymer Letters</i> , 2013 , 7, 703-715	3.4	18
57	Influence of the e-beam irradiation and photo-oxidation aging on the structure and properties of LDPE-OMMT nanocomposite films. <i>Radiation Physics and Chemistry</i> , 2012 , 81, 432-436	2.5	8
56	UV-stabilisation of polystyrene-based nanocomposites provided by polyhedral oligomeric silsesquioxanes (POSS). <i>Polymer Degradation and Stability</i> , 2012 , 97, 2313-2322	4.7	21
55	Processing and Properties of Biopolymer/Polyhydroxyalkanoates Blends. <i>Journal of Polymers and the Environment</i> , 2012 , 20, 267-272	4.5	24
54	Structure-properties relationships of polyhedral oligomeric silsesquioxane (POSS) filled PS nanocomposites. <i>EXPRESS Polymer Letters</i> , 2012 , 6, 561-571	3.4	35
53	Effect of different dispersing additives on the morphology and the properties of polyethylene-based nanocomposite films. <i>EXPRESS Polymer Letters</i> , 2011 , 5, 923-935	3.4	11
52	On the Role of Extensional Flow in Morphology and Property Modifications of MWCNT/Polyamide-Based Fibers. <i>Macromolecular Materials and Engineering</i> , 2011 , 296, 645-657	3.9	17
51	On the interlayer spacing collapse of Cloisite® 30B organoclay. <i>Polymer Degradation and Stability</i> , 2011 , 96, 823-832	4.7	38
50	Effect of elongational flow on morphology and properties of polymer/CNTs nanocomposite fibers. <i>Polymers for Advanced Technologies</i> , 2011 , 22, 1612-1619	3.2	27
49	The role of filler type in the photo-oxidation behaviour of micro- and nano-filled polypropylene. <i>Polymer International</i> , 2011 , 60, 1107-1116	3.3	29
48	The role of the disposition of the recycled polymer on the properties of films for greenhouses coverage. <i>Journal of Applied Polymer Science</i> , 2011 , 119, 1986-1991	2.9	3
47	Effect of the extensional flow on the properties of oriented nanocomposite films for twist wrapping. <i>Journal of Applied Polymer Science</i> , 2011 , 120, 2772-2779	2.9	2
46	Photooxidative behaviour of polyethylene/polyamide-6 blends. <i>Polymer Degradation and Stability</i> , 2010 , 95, 522-526	4.7	23
45	Photo-oxidation behaviour of polyethylene/polyamide 6 blends filled with organomodified clay: Improvement of the photo-resistance through morphology modification. <i>Polymer Degradation and Stability</i> , 2010 , 95, 527-535	4.7	35

44	Using organoclay to promote morphology refinement and co-continuity in high-density polyethylene/polyamide 6 blends [Effect of filler content and polymer matrix composition. <i>Polymer</i> , 2010 , 51, 3956-3965	3.9	71
43	Effect of different matrices and nanofillers on the rheological behavior of polymer-clay nanocomposites. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2010 , 48, 344-355	2.6	29
42	Selective localization of organoclay and effects on the morphology and mechanical properties of LDPE/PA11 blends with distributed and co-continuous morphology. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2010 , 48, 600-609	2.6	33
41	Morphology Modification of Polyethylene/Clay Nanocomposite Samples under Convergent Flow. <i>Macromolecular Materials and Engineering</i> , 2009 , 294, 575-581	3.9	16
40	Film blowing of silane-modified polyethylene. <i>Journal of Applied Polymer Science</i> , 2009 , 114, 503-508	2.9	1
39	Competition between chain scission and branching formation in the processing of high-density polyethylene: Effect of processing parameters and of stabilizers. <i>Polymer Engineering and Science</i> , 2009 , 49, 1316-1325	2.3	15
38	Effects of organoclay on morphology and properties of nanocomposites based on LDPE/PA-6 blends without and with SEBS-g-MA compatibilizer. <i>Polymer Engineering and Science</i> , 2009 , 49, 1187-1197	2.3	40
37	Photo-oxidation behaviour of polyethylene/multi-wall carbon nanotube composite films. <i>Polymer Degradation and Stability</i> , 2009 , 94, 162-170	4.7	48
36	The role of organoclay and matrix type in photo-oxidation of polyolefin/clay nanocomposite films. <i>Polymer Degradation and Stability</i> , 2009 , 94, 712-718	4.7	43
35	Effect of extrusion and photo-oxidation on polyethylene/clay nanocomposites. <i>Polymer Degradation and Stability</i> , 2009 , 94, 1571-1588	4.7	86
34	The role of organoclay in promoting co-continuous morphology in high-density poly(ethylene)/poly(amide) 6 blends. <i>Polymer</i> , 2008 , 49, 1312-1322	3.9	110
33	Morphology and Properties of Polyethylene/Clay Nanocomposite Drawn Fibers. <i>Macromolecular Materials and Engineering</i> , 2008 , 293, 83-91	3.9	46
32	Photochemical stabilization of linear low-density polyethylene/clay nanocomposites: Towards durable nanocomposites. <i>Polymer Degradation and Stability</i> , 2008 , 93, 1776-1780	4.7	59
31	A new equipment to measure the combined effects of humidity, temperature, mechanical stress and UV exposure on the creep behaviour of polymers. <i>Polymer Testing</i> , 2008 , 27, 49-54	4.5	20
30	Rheological Response of Polyethylene/Clay Nanocomposites to Annealing Treatment. <i>Macromolecular Chemistry and Physics</i> , 2007 , 208, 2533-2541	2.6	21
29	Thermo-Mechanical Degradation of LDPE-Based Nanocomposites. <i>Macromolecular Materials and Engineering</i> , 2007 , 292, 855-862	3.9	9
28	Effect of the additive level and of the processing temperature on the re-building of post-consumer pipes from polyethylene blends. <i>European Polymer Journal</i> , 2007 , 43, 2947-2955	5.2	10
27	Intercalation effects in LDPE/o-montmorillonites nanocomposites. <i>European Polymer Journal</i> , 2007 , 43, 328-335	5.2	57

26	Durability of a starch-based biodegradable polymer. <i>Polymer Degradation and Stability</i> , 2007 , 92, 630-634.	4.7	33
25	Structure and dynamics of polyethylene/clay films. <i>Journal of Applied Polymer Science</i> , 2006 , 102, 4749-4758	4.5	28
24	Organoclay Nanocomposites from EthyleneAcrylic Acid Copolymers. <i>Macromolecular Materials and Engineering</i> , 2006 , 291, 1208-1225	3.9	26
23	Improvement of photo-stability of LLDPE-based nanocomposites. <i>Polymer Degradation and Stability</i> , 2006 , 91, 3208-3213	4.7	57
22	On the effectiveness of different additives and concentrations on the re-building of the molecular structure of degraded polyethylene. <i>Polymer Degradation and Stability</i> , 2006 , 91, 3110-3116	4.7	7
21	Eva copolymer-based nanocomposites: Rheological behavior under shear and isothermal and non-isothermal elongational flow. <i>Polymer Testing</i> , 2006 , 25, 701-708	4.5	28
20	Filmability and properties of compatibilized PA6/LDPE blends. <i>Polymer Engineering and Science</i> , 2005 , 45, 1297-1302	2.3	14
19	Formulation, characterization and optimization of the processing condition of blends of recycled polyethylene and ground tyre rubber: Mechanical and rheological analysis. <i>Polymer Degradation and Stability</i> , 2005 , 90, 281-287	4.7	70
18	Comparative study of different maleic anhydride grafted compatibilizer precursors towards LDPE/PA6 blends: Morphology and mechanical properties. <i>Polymer</i> , 2005 , 46, 8054-8061	3.9	35
17	Processability and Properties of Re-Graded, Photo-Oxidized Post-Consumer Greenhouse Films. <i>Macromolecular Materials and Engineering</i> , 2005 , 290, 970-975	3.9	9
16	Re-Grading of Photo-Oxidized Post-Consumer Greenhouse Films. <i>Macromolecular Rapid Communications</i> , 2005 , 26, 361-364	4.8	17
15	Thermo- and photo-oxidative stability and improved processability of polyamide stabilized with a new functional additive. <i>Polymers for Advanced Technologies</i> , 2005 , 16, 357-361	3.2	6
14	Green composites of organic materials and recycled post-consumer polyethylene. <i>Polymer International</i> , 2004 , 53, 1888-1891	3.3	30
13	Photooxidation and stabilization of photooxidized polyethylene and of its monopolymer blends. <i>Journal of Applied Polymer Science</i> , 2004 , 91, 2244-2255	2.9	18
12	EVA-Montmorillonite Nanocomposites: Effect of Processing Conditions. <i>Macromolecular Materials and Engineering</i> , 2004 , 289, 238-244	3.9	48
11	Photo-re-stabilisation of recycled post-consumer films from greenhouses. <i>Polymer Degradation and Stability</i> , 2004 , 85, 1041-1044	4.7	6
10	TimeCarbonyl groups equivalence in photo-oxidative aging of virgin/recycled polymer blends. <i>Plastics, Rubber and Composites</i> , 2004 , 33, 184-186	1.5	12
9	Thermomechanical degradation of filled polypropylene. <i>Macromolecular Symposia</i> , 2003 , 194, 277-286	0.8	7

8	New phosphazene-based chain extenders containing allyl and epoxide groups. <i>Designed Monomers and Polymers</i> , 2003 , 6, 245-266	3.1	21
7	EVA Copolymer Based Nanocomposites. <i>Macromolecular Materials and Engineering</i> , 2002 , 287, 909-914	3.9	56
6	Reprocessing and restabilization of greenhouse films. <i>Polymer Degradation and Stability</i> , 2002 , 75, 459-464	4.4	26
5	Characterization and reprocessing of greenhouse films. <i>Polymer Degradation and Stability</i> , 2001 , 72, 141-146	4.7	34
4	Effects of filler type and processing apparatus on the properties of the recycled "light fraction" from municipal post-consumer plastics. <i>Polymers for Advanced Technologies</i> , 2001 , 12, 552-560	3.2	32
3	Recycling of the "light fraction" from municipal post-consumer plastics: effect of adding wood fibers. <i>Polymers for Advanced Technologies</i> , 1999 , 10, 607-614	3.2	38
2	Amino Acid-Based Cholinium Ionic Liquids as Sustainable Catalysts for PET Depolymerization. <i>ACS Sustainable Chemistry and Engineering</i> ,	8.3	4
1	Boosting the Methanolysis of Polycarbonate by the Synergy between Ultrasounds Irradiation and Task Specific Ionic Liquids. <i>Green Chemistry</i> ,	10	2