

Alberto Frache

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135
papers

4,697
citations

37
h-index

63
g-index

147
ext. papers

5,167
ext. citations

4.3
avg, IF

5.78
L-index

#	Paper	IF	Citations
135	Polyhedral oligomeric silsesquioxanes (POSS) thermal degradation. <i>Thermochimica Acta</i> , 2006 , 440, 36-42.	4.9	303
134	Polypropylene-polyhedral oligomeric silsesquioxanes (POSS) nanocomposites. <i>Polymer</i> , 2005 , 46, 7855-7866	4.6	285
133	Crystallization kinetics of poly(lactic acid)-talc composites. <i>EXPRESS Polymer Letters</i> , 2011 , 5, 849-858	3.4	236
132	Thermal and combustion behaviour of layered silicate-epoxy nanocomposites. <i>Polymer Degradation and Stability</i> , 2005 , 90, 354-362	4.7	151
131	The influence of carbon nanotubes, organically modified montmorillonites and layered double hydroxides on the thermal degradation and fire retardancy of polyethylene, ethylene-vinyl acetate copolymer and polystyrene. <i>Polymer</i> , 2007 , 48, 6532-6545	3.9	130
130	Materials engineering for surface-confined flame retardancy. <i>Materials Science and Engineering Reports</i> , 2014 , 84, 1-20	30.9	110
129	Poly(lactic acid) and poly(lactic acid)-based nanocomposite photooxidation. <i>Biomacromolecules</i> , 2010 , 11, 2919-26	6.9	110
128	Catalytic charring-volatilization competition in organoclay nanocomposites. <i>Polymer Degradation and Stability</i> , 2007 , 92, 425-436	4.7	110
127	New nanocomposites constituted of polyethylene and organically modified ZnAl-hydrotalcites. <i>Polymer Degradation and Stability</i> , 2005 , 90, 586-590	4.7	108
126	Novel phosphorous-nitrogen intumescent flame retardant system. Its effects on flame retardancy and thermal properties of polypropylene. <i>Polymer Degradation and Stability</i> , 2013 , 98, 297-305	4.7	105
125	Novel flame retardants containing cyclodextrin nanosponges and phosphorus compounds to enhance EVA combustion properties. <i>Polymer Degradation and Stability</i> , 2010 , 95, 2093-2100	4.7	103
124	Polyethylene thermal oxidative stabilisation in carbon nanotubes based nanocomposites. <i>European Polymer Journal</i> , 2007 , 43, 3222-3235	5.2	100
123	Polypropylene metal functionalised POSS nanocomposites: A study by thermogravimetric analysis. <i>Polymer Degradation and Stability</i> , 2006 , 91, 1064-1070	4.7	96
122	Optimization of the procedure to burn textile fabrics by cone calorimeter: Part I. Combustion behavior of polyester. <i>Fire and Materials</i> , 2011 , 35, 397-409	1.8	85
121	ALPO-34 and SAPO-34 synthesized by using morpholine as templating agent. FTIR and FT-Raman studies of the host-guest and guest-guest interactions within the zeolitic framework. <i>Microporous and Mesoporous Materials</i> , 1999 , 30, 145-153	5.3	78
120	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
119	Polypropylene-POSS Nanocomposites: Morphology and Crystallization Behaviour. <i>Macromolecular Symposia</i> , 2006 , 234, 59-67	0.8	76

118	Structural characterization of siliceous spicules from marine sponges. <i>Biophysical Journal</i> , 2004 , 86, 526-34	72
117	Cyclodextrin nanosponges as novel green flame retardants for PP, LLDPE and PA6. <i>Carbohydrate Polymers</i> , 2012 , 88, 1387-1394	10.3 65
116	Flame retardancy properties of Zirconium phosphate based composites. <i>Polymer Degradation and Stability</i> , 2010 , 95, 1928-1933	4.7 65
115	Rice husk as bio-source of silica: preparation and characterization of PLA/silica bio-composites. <i>RSC Advances</i> , 2014 , 4, 54703-54712	3.7 64
114	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
113	Influence of surface activation by plasma and nanoparticle adsorption on the morphology, thermal stability and combustion behavior of PET fabrics. <i>European Polymer Journal</i> , 2011 , 47, 893-902	5.2 60
112	Poly(lactic acid)-Based Composites Containing Natural Fillers: Thermal, Mechanical and Barrier Properties. <i>Journal of Polymers and the Environment</i> , 2014 , 22, 88-98	4.5 52
111	Cellulose extracted from rice husk as filler for poly(lactic acid): preparation and characterization. <i>Cellulose</i> , 2014 , 21, 1813-1821	5.5 50
110	Influence of compatibilizer degradation on formation and properties of PA6/organoclay nanocomposites. <i>Polymer Degradation and Stability</i> , 2007 , 92, 370-378	4.7 49
109	Heat Induced Structure Modifications in Polymer-Layered Silicate Nanocomposites. <i>Macromolecular Materials and Engineering</i> , 2004 , 289, 783-786	3.9 47
108	Sodium montmorillonite modified with methacryloxy and vinylsilanes: Influence of silylation on the morphology of clay/unsaturated polyester nanocomposites. <i>Applied Clay Science</i> , 2015 , 114, 550-557	5.2 46
107	The identity of titanium centres in microporous aluminophosphates compared with Ti-MCM-41 mesoporous catalyst and titanosilsesquioxane dimer molecular complex: a spectroscopy study. <i>Journal of Molecular Catalysis A</i> , 2003 , 204-205, 483-489	44
106	Thermal stability of high density polyethylene/fumed silica nanocomposites. <i>Journal of Thermal Analysis and Calorimetry</i> , 2012 , 109, 863-873	4.1 41
105	Preparation and characterisation of hydrotalcite/carboxyadamantane intercalation compounds as fillers of polymeric nanocomposites. <i>Journal of Materials Chemistry</i> , 2007 , 17, 1079-1086	41
104	Selective bacterial colonization processes on polyethylene waste samples in an abandoned landfill site. <i>Scientific Reports</i> , 2019 , 9, 14138	4.9 40
103	Role of Cyclodextrin nanosponges in polypropylene photooxidation. <i>Carbohydrate Polymers</i> , 2011 , 86, 127-135	10.3 39
102	On the hydrothermal stability of CuAPSO-34 microporous catalysts for N ₂ O decomposition: a comparison with CuZSM-5. <i>Journal of Catalysis</i> , 2003 , 217, 100-106	7.3 39
101	Hydrotalcite and nanometric silica as finishing additives to enhance the thermal stability and flame retardancy of cotton. <i>Cellulose</i> , 2011 , 18, 179-190	5.5 38

100	Synergistic effects of zinc borate and aluminium trihydroxide on flammability behaviour of aerospace epoxy system. <i>EXPRESS Polymer Letters</i> , 2009 , 3, 376-384	3.4	38
99	A Comparative Analysis of Nanoparticle Adsorption as Fire-Protection Approach for Fabrics. <i>Polymers</i> , 2015 , 7, 47-68	4.5	37
98	Plasticizers, antioxidants and reinforcement fillers from hazelnut skin and cocoa by-products: Extraction and use in PLA and PP. <i>Polymer Degradation and Stability</i> , 2014 , 108, 297-306	4.7	36
97	Fire-retardant poly(ethylene terephthalate) by combination of expandable graphite and layered clays for plastics and textiles. <i>Fire and Materials</i> , 2011 , 35, 383-396	1.8	34
96	Poly (butylensuccinate co-adipate)-thermoplastic starch nanocomposite blends. <i>Carbohydrate Polymers</i> , 2010 , 82, 802-808	10.3	34
95	Epoxy coupling agent for PLA and PHB copolymer-based cotton fabric bio-composites. <i>Composites Part B: Engineering</i> , 2018 , 148, 188-197	10	33
94	Sustainable and High Performing Biocomposites with Chitosan/Sepiolite Layer-by-Layer Nanoengineered Interphases. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 9601-9605	8.3	33
93	Acid SAPO-34 Catalysts for Oxidative Dehydrogenation of Ethane. <i>Journal of Catalysis</i> , 2002 , 208, 479-484	4.3	33
92	Isosorbide, a green plasticizer for thermoplastic starch that does not retrograde. <i>Carbohydrate Polymers</i> , 2015 , 119, 78-84	10.3	32
91	Thermo-mechanical properties enhancement of bio-polyamides (PA10.10 and PA6.10) by using rice husk ash and nanoclay. <i>Composites Part A: Applied Science and Manufacturing</i> , 2016 , 81, 193-201	8.4	31
90	Natural wastes as particle filler for poly(lactic acid)-based composites. <i>Journal of Composite Materials</i> , 2019 , 53, 783-797	2.7	31
89	Optimization of the procedure to burn textile fabrics by cone calorimeter: part II. Results on nanoparticle-finished polyester. <i>Fire and Materials</i> , 2012 , 36, 527-536	1.8	31
88	Is it Possible to Mechanical Recycle the Materials of the Disposable Filtering Masks?. <i>Polymers</i> , 2020 , 12,	4.5	31
87	Comparative study of filler influence on polylactide photooxidation. <i>EXPRESS Polymer Letters</i> , 2013 , 7, 431-442	3.4	30
86	Spectroscopic characterisation of microporous aluminophosphate materials with potential application in environmental catalysis. <i>Catalysis Today</i> , 2003 , 77, 371-384	5.3	29
85	Catalytic DeNOx activity of cobalt and copper ions in microporous MeALPO-34 and MeAPSO-34. <i>Catalysis Today</i> , 2002 , 75, 359-365	5.3	28
84	A novel use of Ti-POSS as initiator of L-lactide ring-opening polymerization. <i>Journal of Polymer Science Part A</i> , 2011 , 49, 4794-4799	2.5	26
83	Comprehensive spectral and instrumental approaches for the easy monitoring of features and purity of different carbon nanostructures for nanocomposite applications. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2006 , 131, 72-82	3.1	26

82	CuAPSO-34 Catalysts for N ₂ O Decomposition in the Presence of H ₂ O. A Study of Zeolitic Structure Stability in Comparison to Cu-SAPO-34 and Cu-ZSM-5. <i>Topics in Catalysis</i> , 2003 , 22, 53-57	2.3	26
81	Fiber diffraction study of spicules from marine sponges. <i>Microscopy Research and Technique</i> , 2003 , 62, 378-81	2.8	26
80	Multilayer cotton fabric bio-composites based on PLA and PHB copolymer for industrial load carrying applications. <i>Composites Part B: Engineering</i> , 2019 , 163, 761-768	10	26
79	Effect of clay silylation on curing and mechanical and thermal properties of unsaturated polyester/montmorillonite nanocomposites. <i>Journal of Physics and Chemistry of Solids</i> , 2015 , 87, 9-15	3.9	25
78	Advanced biobased and rigid foams, based on urethane-modified isocyanurate from oxypropylated gambier tannin polyol. <i>Polymer Degradation and Stability</i> , 2016 , 132, 62-68	4.7	25
77	Bulk vs. surface flame retardancy of fully bio-based polyamide 10,10. <i>RSC Advances</i> , 2015 , 5, 39424-39432	3.7	24
76	Thermal properties of epoxy resin nanocomposites based on hydrotalcites. <i>Polymer Degradation and Stability</i> , 2011 , 96, 164-169	4.7	24
75	Clay based polymeric composites: Preparation and quality characterization. <i>Materials Chemistry and Physics</i> , 2010 , 123, 372-377	4.4	24
74	Combined Single-Crystal X-ray Diffraction and FTIR Study of Morpholinium-Water Molecular Complexes Embedded in a Chabasite Network. <i>Journal of Physical Chemistry B</i> , 2003 , 107, 9655-9661	3.4	23
73	NO and CO Adsorption on Over-Exchanged Cu-MCM-22: A FTIR Study. <i>Langmuir</i> , 2002 , 18, 6875-6880	4	23
72	On revealing the effect of alkaline lignin and ammonium polyphosphate additives on fire retardant properties of sustainable zein-based composites. <i>Polymer Degradation and Stability</i> , 2016 , 134, 115-125	4.7	23
71	Effect of heating of organo-montmorillonites under different atmospheres. <i>Applied Clay Science</i> , 2009 , 45, 185-193	5.2	22
70	Interdigitated crystalline MMT/MCA in polyamide 6. <i>RSC Advances</i> , 2017 , 7, 861-869	3.7	21
69	PLA/PHB Blends: Biocompatibilizer Effects. <i>Polymers</i> , 2019 , 11,	4.5	21
68	All Natural High-Density Fiber- and Particleboards from Hemp Fibers or Rice Husk Particles. <i>Journal of Polymers and the Environment</i> , 2018 , 26, 1652-1660	4.5	21
67	The effect of mechanical recycling on the microstructure and properties of PA66 composites reinforced with carbon fibers. <i>Journal of Applied Polymer Science</i> , 2015 , 132, n/a-n/a	2.9	21
66	Intercalation degree in PP/organoclay nanocomposites: role of surfactant structure. <i>Polymers for Advanced Technologies</i> , 2008 , 19, 547-555	3.2	21
65	Hemp hurd and alfalfa as particle filler to improve the thermo-mechanical and fire retardant properties of poly(3-hydroxybutyrate-co-3-hydroxyhexanoate). <i>Polymer Composites</i> , 2019 , 40, 3429-3437		21

64	A novel, low surface charge density, anionically modified montmorillonite for polymer nanocomposites. <i>RSC Advances</i> , 2017 , 7, 5980-5988	3.7	20
63	Fate of Biodegradable Polymers Under Industrial Conditions for Anaerobic Digestion and Aerobic Composting of Food Waste. <i>Journal of Polymers and the Environment</i> , 2020 , 28, 2539-2550	4.5	20
62	Evaluation of nonconventional additives as fire retardants on polyamide 6,6: Phosphorous-based master batch, Zirconium dihydrogen phosphate, and Cyclodextrin based nanosponges. <i>Journal of Applied Polymer Science</i> , 2012 , 123, 3545-3555	2.9	20
61	Layer-by-Layer nanostructured interphase produces mechanically strong and flame retardant bio-composites. <i>Composites Part B: Engineering</i> , 2020 , 200, 108310	10	20
60	Layer by Layer-functionalized rice husk particles: A novel and sustainable solution for particleboard production. <i>Materials Today Communications</i> , 2017 , 13, 92-101	2.5	19
59	Thermal and UV aging of polypropylene stabilized by wine seeds wastes and their extracts. <i>Polymer Degradation and Stability</i> , 2019 , 165, 49-59	4.7	19
58	Combustion characteristics of cellulosic loose fibres. <i>Fire and Materials</i> , 2013 , 37, 482-490	1.8	18
57	Thermo-oxidative ageing of an organo-modified clay and effects on the properties of PA6 based nanocomposites. <i>Thermochimica Acta</i> , 2013 , 552, 37-45	2.9	18
56	Preparation and spectroscopic characterisation of intercalation products of clay and of clay/polypropylene composites with rhodamine B. <i>Journal of Physics and Chemistry of Solids</i> , 2006 , 67, 909-914	3.9	17
55	Evaluating the Catalytic Performances of SAPO-34 Catalysts for the Oxidative Dehydrogenation of Ethane. <i>Topics in Catalysis</i> , 2003 , 22, 95-99	2.3	17
54	Preparation of nanocomposites based on PP and PA6 by direct injection molding. <i>Polymer Engineering and Science</i> , 2008 , 48, 2373-2381	2.3	16
53	Mechanical recycling of an end-of-life automotive composite component. <i>Sustainable Materials and Technologies</i> , 2020 , 23, e00143	5.3	16
52	Thermal behavior of thermoplastic polymer nanocomposites containing graphene nanoplatelets. <i>Journal of Applied Polymer Science</i> , 2017 , 134,	2.9	14
51	Development of Pressure-Responsive PolyPropylene and Biochar-Based Materials. <i>Micromachines</i> , 2020 , 11,	3.3	14
50	Improving the Flame Retardant Efficiency of Layer by Layer Coatings Containing Deoxyribonucleic Acid by Post-Diffusion of Hydrotalcite Nanoparticles. <i>Materials</i> , 2017 , 10,	3.5	14
49	Influence of MWNT on Polypropylene and Polyethylene Photooxidation. <i>Macromolecular Symposia</i> , 2011 , 301, 16-22	0.8	14
48	Effect of organoclay impurities on mechanical properties of EVA-layered silicate nanocomposites. <i>E-Polymers</i> , 2006 , 6,	2.7	14
47	On the activity and hydrothermal stability of CuMCM-22 in the decomposition of nitrogen oxides: a comparison with CuZSM-5. <i>Catalysis Communications</i> , 2004 , 5, 191-194	3.2	14

46	Reuse and Valorisation of Hemp Fibres and Rice Husk Particles for Fire Resistant Fibreboards and Particleboards. <i>Journal of Polymers and the Environment</i> , 2018 , 26, 3731-3744	4.5	13
45	Thermomechanical improvement of glycerol plasticized maize starch with high loading of cellulose, flax and talc fillers. <i>Polymer International</i> , 2016 , 65, 955-962	3.3	9
44	Reactive extrusion of sol-gel silica as fire retardant synergistic additive in ethylene-vinyl acetate copolymer (EVA) composites. <i>Polymer Degradation and Stability</i> , 2019 , 167, 259-268	4.7	9
43	Aging of EVA/organically modified clay: Effect on dispersion, distribution and combustion behavior. <i>Polymer Degradation and Stability</i> , 2014 , 107, 184-187	4.7	9
42	Platinum nanoparticle intercalated montmorillonite to enhance the char formation of polyamide 6 nanocomposites. <i>Journal of Materials Chemistry</i> , 2010 , 20, 9550		9
41	Evaluation of nanocomposites containing graphene nanoplatelets: Mechanical properties and combustion behavior. <i>Polymer Engineering and Science</i> , 2019 , 59, 2062-2071	2.3	8
40	Poly-1-butene/clay nanocomposite effect of compatibilizers on thermal and fire retardant properties. <i>Polymers for Advanced Technologies</i> , 2006 , 17, 246-254	3.2	8
39	A comparison of the processes involved in the direct synthesis of GdSr ₂ RuCu ₂ O _x and NdSr ₂ RuCu ₂ O _y perovskites. <i>Physica C: Superconductivity and Its Applications</i> , 2004 , 408-410, 193-194	1.3	8
38	Designing 3D printable polypropylene: Material and process optimisation through rheology. <i>Additive Manufacturing</i> , 2021 , 40, 101944	6.1	8
37	Mechanical and Barrier Properties Enhancement in Film Extruded Bio-Polyamides With Modified Nanoclay. <i>Polymer Composites</i> , 2019 , 40, 2617-2628	3	8
36	Thermal and fire retardancy studies of clay-modified unsaturated polyester/glass fiber composites. <i>Polymer Composites</i> , 2017 , 38, 2743-2752	3	7
35	Interdigitated crystalline MMT-MCA: Preparation and characterization. <i>Polymers for Advanced Technologies</i> , 2018 , 29, 22-29	3.2	7
34	Simple Method for the Preparation of Composites Based on PA6 and Partially Exfoliated Graphite. <i>Journal of Nanomaterials</i> , 2012 , 2012, 1-5	3.2	7
33	The effect of annealing conditions on the intercalation and exfoliation of layered silicates in polymer nanocomposites. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2010 , 48, 2476-2483	2.6	7
32	Temperature-induced transformations in CoAPO-34 molecular sieve: a combined in situ X-ray diffraction and FTIR study. <i>Journal of Physical Chemistry B</i> , 2005 , 109, 13483-92	3.4	7
31	Effect of Injection Molding Conditions on Crystalline Structure and Electrical Resistivity of PP/MWCNT Nanocomposites. <i>Polymers</i> , 2020 , 12,	4.5	7
30	Dielectric Spectroscopy of PP/MWCNT Nanocomposites: Relationship with Crystalline Structure and Injection Molding Condition. <i>Nanomaterials</i> , 2021 , 11,	5.4	6
29	Multi-component flame resistant coating techniques for textiles 2013 , 68-93		5

28	MWNT Surface Self-Assembling in Fire Retardant Polyethylene-Carbon nanotubes nanocomposites. <i>E-Polymers</i> , 2008 , 8,	2.7	5
27	SYNTHESIS, MORPHOLOGY AND STRUCTURAL PROPERTIES OF (GD,ND)SR2RUCU2O8 SAMPLES. <i>International Journal of Modern Physics B</i> , 2003 , 17, 899-904	1.1	5
26	Synthesis, Spectroscopic and Catalytic Properties of Cobalt and Copper Ions in Aluminophosphates with Chabasite-Like Structure. Studies of the NO Reactivity. <i>Studies in Surface Science and Catalysis</i> , 2001 , 269-277	1.8	5
25	Spectroscopic and catalytic studies on Cu-MCM-22: Effect of copper loading. <i>Studies in Surface Science and Catalysis</i> , 2002 , 142, 343-350	1.8	5
24	Investigation of Different Types of Biochar on the Thermal Stability and Fire Retardance of Ethylene-Vinyl Acetate Copolymers. <i>Polymers</i> , 2021 , 13,	4.5	5
23	Flame Retardant Effect of Nano Fillers on Polydimethylsiloxane Composites. <i>Journal of Nanoscience and Nanotechnology</i> , 2018 , 18, 1468-1473	1.3	4
22	Bio-based PA5.10 for Industrial Applications: Improvement of Barrier and Thermo-mechanical Properties with Rice Husk Ash and Nanoclay. <i>Journal of Polymers and the Environment</i> , 2019 , 27, 2213-2223	4.5	4
21	One-pot synthesis of hexadecyl modified layered magnesium silicate and polyethylene based nanocomposite preparation. <i>Applied Clay Science</i> , 2013 , 80-81, 320-325	5.2	4
20	Bentonite-based organoclays as innovative flame retardants agents for SBS copolymer. <i>Journal of Nanoscience and Nanotechnology</i> , 2008 , 8, 6316-24	1.3	4
19	Cu-MCM-22 zeolite: A combined X-ray powder diffraction and computational study of the local structure of extra-framework copper ions. <i>Studies in Surface Science and Catalysis</i> , 2005 , 415-426	1.8	4
18	Rheology, Morphology and Thermal Properties of a PLA/PHB/Clay Blend Nanocomposite: The Influence of Process Parameters. <i>Journal of Polymers and the Environment</i> , 1	4.5	4
17	Formation and oxygen diffusion barrier properties of fish gelatin/natural sodium montmorillonite clay self-assembled multilayers onto the biopolyester surface. <i>RSC Advances</i> , 2015 , 5, 61465-61480	3.7	3
16	Improving Fire Performances of PEAL: More Second-Life Options for Recycled Tetra Pak. <i>Polymers</i> , 2020 , 12,	4.5	3
15	Morphology and electrical properties of injection-molded PP carbon-based nanocomposites 2017 ,		3
14	Combined Fire Retardant Action of Phosphonated Structures and Clay Dispersion in Epoxy Resin. <i>ACS Symposium Series</i> , 2005 , 21-35	0.4	3
13	30-P-31-NOx reactivity on microporous MeAPOs. spectroscopic and catalytic studies. <i>Studies in Surface Science and Catalysis</i> , 2001 , 328	1.8	3
12	Rheological behavior and morphology of poly(lactic acid)/low-density polyethylene blends based on virgin and recycled polymers: Compatibilization with natural surfactants. <i>Journal of Applied Polymer Science</i> , 2021 , 138, 50590	2.9	3
11	Structure and Morphology of NdSr ₂ RuCu ₂ O _y and GdSr ₂ RuCu ₂ O _z . <i>Lecture Notes in Physics</i> , 2002 , 205-220.	0.8	2

10	Structural characterization of Co- and Si-substituted AlPO-34 synthesized in the presence of morpholine. <i>Studies in Surface Science and Catalysis</i> , 2002 , 142, 151-157	1.8	2
9	Effect of Filler Morphology on the Electrical and Thermal Conductivity of PP/Carbon-Based Nanocomposites. <i>Journal of Composites Science</i> , 2021 , 5, 196	3	2
8	Combustion behavior of polypropylene-based composites used in industrial plastic collar. <i>Composite Interfaces</i> , 2013 , 20, 241-253	2.3	1
7	Textile Flame Retardancy Through Surface-Assembled Nanoarchitectures. <i>ACS Symposium Series</i> , 2012 , 327-341	0.4	1
6	iPP Crystallization: Micro and Nano Fillers Effects 2010 ,		1
5	The stability of H-MCM-22 under severe thermal conditions. <i>Studies in Surface Science and Catalysis</i> , 2004 , 1426-1430	1.8	1
4	The transformation of lamellar AlPO-kanemite into chabazite-type CAL-1 3D molecular sieve: a structural study. <i>Studies in Surface Science and Catalysis</i> , 2005 , 158, 311-318	1.8	1
3	Anaerobic digestion and aerobic composting of rigid biopolymers in bio-waste treatment: fate and effects on the final compost.. <i>Bioresource Technology</i> , 2022 , 351, 126934	11	1
2	Flame retardant potential of Tetra Pak [®] -derived biochar for ethylene-vinyl-acetate copolymers. <i>Composites Part C: Open Access</i> , 2022 , 8, 100252	1.6	1
1	Development of disposable filtering mask recycled materials: Impact of blending with recycled mixed polyolefin and their aging stability. <i>Resources, Conservation and Recycling</i> , 2022 , 177, 105974	11.9	0