

Jos M. Pastor

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135
papers

2,074
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22
h-index

37
g-index

137
ext. papers

2,219
ext. citations

3.3
avg, IF

4.4
L-index

#	Paper	IF	Citations
135	Polypropylene/clay nanocomposites: effect of compatibilizing agents on clay dispersion. <i>European Polymer Journal</i> , 2003 , 39, 945-950	5.2	249
134	Effect of organic modification of sepiolite for PA 6 polymer/organoclay nanocomposites. <i>Composites Science and Technology</i> , 2010 , 70, 1429-1436	8.6	110
133	Influence of clay modification process in PA6-layered silicate nanocomposite properties. <i>Polymer</i> , 2005 , 46, 2758-2765	3.9	74
132	Mechanical and fire retardant properties of EVA/clay/ATH nanocomposites Effect of particle size and surface treatment of ATH filler. <i>Polymer Degradation and Stability</i> , 2008 , 93, 2032-2037	4.7	72
131	Morphological characterisation of the crystalline structure of cold-drawn HDPE used as a model material for the environmental stress cracking (ESC) phenomenon. <i>Polymer</i> , 1999 , 40, 2569-2586	3.9	61
130	Fourier transform Raman study of the conformers in poly(ethylene terephthalate). <i>Journal of Raman Spectroscopy</i> , 1994 , 25, 335-344	2.3	43
129	Glass reinforced concrete panels containing recycled tyres: Evaluation of the acoustic properties of for their use as sound barriers. <i>Construction and Building Materials</i> , 2014 , 54, 541-549	6.7	35
128	Depth profiling by confocal Raman microspectroscopy: semi-empirical modeling of the Raman response. <i>Applied Spectroscopy</i> , 2007 , 61, 177-85	3.1	35
127	Comparative study of the crystalline morphology present in isotropic and uniaxially stretched conventional and metallocene polyethylenes. <i>Polymer</i> , 2000 , 41, 2999-3010	3.9	35
126	Structural analysis of injection-moulded semicrystalline polymers by Fourier transform infra-red spectroscopy with photoacoustic detection and differential scanning calorimetry: 1. Poly(ethylene terephthalate). <i>Polymer</i> , 1993 , 34, 3787-3795	3.9	35
125	Structural analysis of injection-moulded semicrystalline polymers by Fourier-transform infra-red spectroscopy with photoacoustic detection and differential scanning calorimetry: 2. Polyamide-6,6. <i>Polymer</i> , 1994 , 35, 2321-2328	3.9	34
124	Influence of organic modifier characteristic on the mechanical properties of polyamide 6/organosepiolite nanocomposites. <i>Composites Part B: Engineering</i> , 2013 , 45, 459-465	10	33
123	Role of an active environment of use in an environmental stress crack resistance (ESCR) test in stretched polyethylene:: A vibrational spectroscopy and a SEM study. <i>Polymer</i> , 1999 , 40, 1629-1636	3.9	30
122	Poly(lactic acid)/low-density polyethylene blends and its nanocomposites based on sepiolite. <i>Polymer Engineering and Science</i> , 2012 , 52, 988-1004	2.3	26
121	Sequential injection overmolding of an elastomeric ethylene-octene copolymer on a polypropylene homopolymer core. <i>Polymer Engineering and Science</i> , 2004 , 44, 2110-2116	2.3	26
120	Nanocomposites of PLA/PP blends based on sepiolite. <i>Polymer Bulletin</i> , 2011 , 67, 1991-2016	2.4	25
119	Molecular and Lamellar Orientation of α and β Transcrystalline Layers in Polypropylene Composites by Polarized Confocal Micro-Raman Spectroscopy: Raman Imaging by Static Point Illumination. <i>Applied Spectroscopy</i> , 2000 , 54, 1105-1113	3.1	24

118	Nanocomposites of ABS and sepiolite: Study of different clay modification processes. <i>Composites Part B: Engineering</i> , 2012 , 43, 2222-2229	10	23
117	Sequential injection molding of thermoplastic polymers. Analysis of processing parameters for optimal bonding conditions. <i>Polymer Engineering and Science</i> , 2002 , 42, 2172-2181	2.3	23
116	Calculation of polymer blend compositions from Raman spectra: A new method based on parameter estimation techniques. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2000 , 38, 1013-1023	2.6	23
115	Thermally induced structural changes in low-shrinkage poly(ethylene terephthalate) fibers. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 1996 , 34, 1243-1255	2.6	23
114	The structure of sepiolite as support of metallocene co-catalyst during in situ polymerization of polyolefin (nano)composites. <i>Applied Clay Science</i> , 2014 , 101, 73-81	5.2	22
113	Thermal Properties and SSA Fractionation of Metallocene Ethylene-Oct-1-ene Copolymers with High Comonomer Content Cross-linked by Dicumyl Peroxide or Radiation. <i>Macromolecular Chemistry and Physics</i> , 2003 , 204, 2212-2221	2.6	20
112	Structural analysis of polyamide-6,6 reinforced with glass fibre by the use of Fourier transform infra-red spectroscopy with photoacoustic detection and differential scanning calorimetry. <i>Polymer</i> , 1994 , 35, 5241-5246	3.9	20
111	Monitoring the UV degradation of PVC window frames by microhardness analysis. <i>Journal of Applied Polymer Science</i> , 1989 , 38, 1879-1882	2.9	20
110	Characterization of the isothermal crystallization of poly(ethylene terephthalate) by microhardness measurements. <i>Journal of Applied Polymer Science</i> , 1989 , 38, 2283-2288	2.9	20
109	Study of melt compounding conditions and characterization of polyamide 6/metallocene ethylene-polypropylene-diene copolymer/maleated ethylene-polypropylene-diene copolymer blends reinforced with layered silicates. <i>Polymer Engineering and Science</i> , 2007 , 47, 1033-1039	2.3	19
108	Influence of blending sequence on micro- and macrostructure of PA6/mEPDM/EPDMgMA blends reinforced with organoclay. <i>Journal of Applied Polymer Science</i> , 2008 , 109, 1556-1563	2.9	19
107	Influence of the CaCO ₃ nanoparticles on the molecular orientation of the polypropylene matrix. <i>Journal of Applied Polymer Science</i> , 2003 , 88, 947-952	2.9	19
106	Rheo-optical Raman study of chain deformation in uniaxially stretched bulk polyethylene. <i>Polymer</i> , 1995 , 36, 4233-4238	3.9	19
105	Deformation-induced conformational changes in stretched samples of amorphous poly(ethylene terephthalate). <i>Journal of Applied Polymer Science</i> , 1996 , 62, 1953-1964	2.9	19
104	Thermal degradation kinetics of PP/OMMT nanocomposites with mPE and EVA. <i>Polymer Degradation and Stability</i> , 2012 , 97, 729-737	4.7	18
103	Adhesion control for injection overmolding of elastomeric propylene copolymers on polypropylene. Effects of block and random microstructures. <i>International Journal of Adhesion and Adhesives</i> , 2013 , 46, 44-55	3.4	18
102	In situ polymerization of isotactic polypropylene sepiolite nanocomposites and its copolymers by metallocene catalysis. <i>European Polymer Journal</i> , 2018 , 100, 278-289	5.2	17
101	Control of molecular weight and polydispersity in polyethylene/needle-like shaped clay nanocomposites obtained by in situ polymerization with metallocene catalysts. <i>European Polymer Journal</i> , 2016 , 75, 125-141	5.2	17

100	Study of the conformations of poly(ϵ -caprolactam) and poly(ϵ -caprolactam)-polybutadiene block copolymers by FT i.r. spectroscopy with photoacoustic detection and by micro-Raman confocal spectroscopy. <i>Polymer</i> , 1997 , 38, 2067-2075	3.9	17
99	Synergy between organo-bentonite and nanofillers for polymer based fire retardant applications. <i>Applied Clay Science</i> , 2009 , 45, 139-146	5.2	16
98	Effect of the Amount and Funtionalization Grade of PPgMA Compatibilization Agent in Polypropylene/clay nanocomposites. <i>Polymer Bulletin</i> , 2007 , 59, 667-676	2.4	16
97	Microindentation hardness and dynamic mechanical moduli in polypropylene near the glass transition. <i>Journal of Materials Science Letters</i> , 1986 , 5, 1027-1028		16
96	A study on the structural phase transitions of ferroelastic $[N(CH_3)_4]_2CuCl_4$ from microhardness measurements. <i>Solid State Communications</i> , 1982 , 44, 1047-1048	1.6	16
95	Adhesion control for injection overmolding of polypropylene with elastomeric ethylene copolymers. <i>Polymer Engineering and Science</i> , 2009 , 49, 1886-1893	2.3	15
94	The use of SSA fractionation to detect changes in the molecular structure of model ethyleneButene copolymers modified by peroxide crosslinking. <i>Polymer Degradation and Stability</i> , 2009 , 94, 1639-1645	4.7	15
93	The effect of montmorillonite and compatibilizer quantities on stiffness and toughness of polyamide nanoblends. <i>Polymer International</i> , 2010 , 59, 472-478	3.3	15
92	Use of the Raman-Active Longitudinal Acoustic Mode in the Characterization of Reactively Extruded Polyethylenes. <i>Macromolecular Chemistry and Physics</i> , 2002 , 203, 238-244	2.6	15
91	Phase structure, composition and orientation of PC/PSAN blends studied by Raman spectroscopy, confocal Raman imaging spectroscopy and polarised PA-FTIR spectroscopy. <i>Polymer</i> , 2000 , 41, 4267-4279	3.9	15
90	Injection molding of poly(ethylene terephthalate): Differential scanning calorimetry and confocal micro-raman spectroscopy investigations of the skin-core morphology. <i>Polymer Engineering and Science</i> , 2000 , 40, 95-107	2.3	15
89	Diffusion of Liquid Polystyrene into a Glassy Poly(phenylene oxide) Matrix. Diffusion Mechanisms and Experimental Verification. <i>Macromolecules</i> , 2001 , 34, 2277-2287	5.5	15
88	Structural analysis of poly(ethylene terephthalate) reinforced with glass fibre: 1. A photoacoustic Fourier transform infra-red study. <i>Polymer</i> , 1994 , 35, 514-518	3.9	15
87	Characterization of metallocene ethylene-1-octene copolymers with high comonomer content cross-linked by dicumyl peroxide or γ -radiation. <i>Journal of Applied Polymer Science</i> , 2009 , 112, 2691-2700	2.9	14
86	Development of a simple experimental method to measure interphase composition profiles generated by diffusion in polymers. Further results and comparison with Raman spectroscopy. <i>Macromolecular Rapid Communications</i> , 1998 , 19, 413-417	4.8	14
85	Limited-supply diffusion in the liquid polystyrene-glassy poly(phenylene oxide) pair. Further results in extended times scale. <i>Polymer</i> , 2002 , 43, 6751-6760	3.9	14
84	Scanning electron microscopy and differential scanning calorimetry study of the transition front in uniaxially stretched isotactic polypropylene. <i>Journal of Applied Polymer Science</i> , 1996 , 60, 1709-1717	2.9	14
83	Rheo-Optical Raman Study of Chain Deformation in Uniaxially Stretched Bulk Isotactic Polypropylene. <i>Journal of Raman Spectroscopy</i> , 1996 , 27, 463-467	2.3	13

82	A comparison of specular reflection and PA-FTIR techniques in the analysis of annealed injection-molded polyamide 6,6. <i>Journal of Applied Polymer Science</i> , 1994 , 51, 463-471	2.9	13
81	Temperature dependence of microhardness indentations and dynamic mechanical moduli of polyesters in the vicinity of the glass transition. <i>Journal of Materials Science Letters</i> , 1989 , 8, 1418-1419		13
80	Spectrophotometric studies of the copper(II)-D-o-tyrosine complex. Assignment of the 330-nm dichroic band in copper(II) and iron(III) transferrins. <i>Journal of the Chemical Society Dalton Transactions</i> , 1981 , 2544-2549		13
79	Composites and nanocomposites of ABS: Synergy between glass fiber and nano-sepiolite. <i>Composites Part B: Engineering</i> , 2013 , 47, 42-47	10	12
78	Liquid-Liquid Limited-Supply Diffusion Studies in the Polystyrene-Poly(vinyl methyl ether) Pair. <i>Macromolecules</i> , 2004 , 37, 4940-4948	5.5	12
77	Micro-Raman mapping of the transition region in the neck region of stretched poly(vinylidene fluoride). <i>Polymer</i> , 1992 , 33, 4199-4201	3.9	12
76	Molecular Mechanisms of Interphase Evolution in the Liquid Polystyrene-Glassy Poly(phenylene oxide) System. <i>Macromolecules</i> , 2009 , 42, 3565-3572	5.5	11
75	Method of Submerged Stokeslets for Slip Flow About Ensembles of Particles. <i>Journal of Nanoscience and Nanotechnology</i> , 2008 , 8, 3790-3801	1.3	11
74	Characterization of electron beam irradiation blends based on metallocene ethylene-1-octene copolymer. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2007 , 45, 2432-2440	2.6	11
73	Toughening of PA6/mEPDM Blends by two Methods of Compounding, Extruder and Internal Mixer: Rheological, Morphological and Mechanical Characterization. <i>Polymer Bulletin</i> , 2008 , 60, 665-675	2.4	11
72	Structure of polypropylene/polyethylene blends assessed by polarised PA-FTIR spectroscopy, polarised FT raman spectroscopy and confocal Raman microscopy. <i>Macromolecular Symposia</i> , 2002 , 184, 107-122	0.8	11
71	Structural analysis of poly(ethylene terephthalate) reinforced with glass fiber: Thermal behavior and correlation between PA-FTIR and DSC measurements. <i>Journal of Applied Polymer Science</i> , 1996 , 59, 769-774	2.9	11
70	Growth and some properties of cerium sulphate enneahydrate single crystals. <i>Crystal Research and Technology: Journal of Experimental and Industrial Crystallography</i> , 1978 , 13, 909-914		11
69	Confocal Raman microspectroscopy with dry objectives: A depth profiling study on polymer films. <i>Vibrational Spectroscopy</i> , 2007 , 44, 62-68	2.1	10
68	Rheo-Optical Fourier Transform Raman Study of the Conformational Changes in Uniaxially Stretched Amorphous Bulk Poly(ethylene terephthalate). <i>Journal of Raman Spectroscopy</i> , 1996 , 27, 23-29	3.3	10
67	Mechanical indentation tester designed to control and measure in real time the microhardness process. <i>Measurement Science and Technology</i> , 1991 , 2, 740-743	2	10
66	Microhardness and dynamic mechanical measurements in polyethylene near the β relaxation. <i>Journal of Materials Science Letters</i> , 1989 , 8, 349-351		10
65	Spectre Raman et Transition de Phase dans le La ₂ (SO ₄) ₃ ·9H ₂ O. <i>Journal of Raman Spectroscopy</i> , 1977 , 6, 26-31	2.3	10

64	Liquid-Glassy Polymer Diffusion: Rate-Controlling Step and Diffusion Mechanism. <i>Macromolecules</i> , 2005 , 38, 4355-4362	5.5	9
63	Effect of Irradiation on mechanical properties of metallocene elastomers/PA6 blends. <i>Polymer</i> , 2004 , 45, 8041-8050	3.9	9
62	Diffusion Kinetics at Liquid-Glassy Polymer Interphases. <i>Macromolecular Rapid Communications</i> , 2005 , 26, 632-636	4.8	9
61	Micro-Raman study of the transition front in uniaxially stretched semicrystalline polymers. <i>Makromolekulare Chemie Macromolecular Symposia</i> , 1993 , 72, 131-141		9
60	Micro-Raman spectroscopy study of the process of microindentation in polymers. <i>Journal of Materials Science</i> , 1992 , 27, 2237-2242	4.3	9
59	Polymorphism in poly(3,3-dimethyloxetane). <i>Die Makromolekulare Chemie</i> , 1985 , 186, 1731-1737		9
58	A method for measuring ferro-electric Curie points in Rochelle salt. <i>Journal of Physics E: Scientific Instruments</i> , 1981 , 14, 71-72		9
57	Liquid-Glassy Polymer Diffusion: Effects of Liquid Molecular Weight and Temperature. <i>Macromolecular Chemistry and Physics</i> , 2007 , 208, 1110-1121	2.6	8
56	Micro-Raman study of the longitudinal acoustic modes (LAM) evolution along the transition front in uniaxially stretched HDPE. <i>Colloid and Polymer Science</i> , 1996 , 274, 285-289	2.4	8
55	Micro-Raman spectroscopy study of the process of microindentation in polymers. <i>Journal of Materials Science</i> , 1992 , 27, 2231-2236	4.3	8
54	Characterization of multilayer polymer structures by micro-Raman and micro-FTIR spectroscopies. <i>Journal of Molecular Structure</i> , 1992 , 266, 205-210	3.4	8
53	Variable temperature and stretching cell for Raman spectroscopy studies of polymers. <i>Polymer</i> , 1985 , 26, 383-386	3.9	8
52	A microhardness test for monitoring the thermal stabilization of solid PVC. <i>Angewandte Makromolekulare Chemie</i> , 1985 , 130, 201-205		8
51	Raman spectroscopy studies on structural modifications in poly(3,3-dimethyl oxetane). <i>European Polymer Journal</i> , 1985 , 21, 449-453	5.2	8
50	Morphological, Thermal, and Mechanical Behavior of Polyamide11/Sepiolite Bio-Nanocomposites Prepared by Melt Compounding and In Situ Polymerization. <i>Polymer Composites</i> , 2019 , 40, E704	3	8
49	Sepiolite as replacement of short glass fibre in polyamide composites for injection moulding applications. <i>Applied Clay Science</i> , 2018 , 162, 129-137	5.2	7
48	Confocal Raman Microspectroscopy: A Non-Invasive Approach for in-Depth Analyses of Polymer Substrates. <i>Macromolecular Chemistry and Physics</i> , 2009 , 210, 549-554	2.6	7
47	Avoiding coupling fluid-sample interaction in confocal Raman depth Profiling with immersion objectives. <i>Applied Spectroscopy</i> , 2008 , 62, 817-9	3.1	7

46	Fractionation process in TREF systems: Validation of thermodynamic model and calculation procedure by Raman LAM studies. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2005 , 43, 3083-3092	3.6	7
45	Rheo-optical FT-Raman study of uniaxially stretched poly(vinylidene fluoride). <i>Macromolecular Chemistry and Physics</i> , 1995 , 196, 815-824	2.6	7
44	Raman mapping of the microdeformed zone produced by Vickers and Knoop microindentation techniques in poly(vinylidene fluoride). <i>Polymer</i> , 1993 , 34, 1613-1619	3.9	7
43	A report on the longitudinal accordion mode in polyalkenamers using low frequency Raman spectroscopy. <i>Polymer</i> , 1979 , 20, 780-781	3.9	7
42	Mechanical and fire retardant properties of EVA/clay/ATH nanocomposites: effect of functionalization of organoclay nanofillers. <i>Polymer Bulletin</i> , 2013 , 70, 2169-2179	2.4	6
41	Analysis of the chemical composition of poly(ϵ -caprolactam)-block-polybutadiene copolymers by photoacoustic FTIR spectroscopy and by FT Raman spectroscopy. <i>Angewandte Makromolekulare Chemie</i> , 1997 , 245, 113-123		6
40	Changes in structural characteristics of LLDPE functionalized with DEM using gamma-irradiation. <i>Journal of Applied Polymer Science</i> , 2012 , 124, 1106-1116	2.9	5
39	EVA Nanocomposites Elaborated with Bentonite Organo-Modified by Wet and Semi-Wet Methods. <i>Macromolecular Materials and Engineering</i> , 2007 , 292, 1035-1046	3.9	5
38	Mechanical characterization of toughened polyamide-6 blends with metallocene copolymers. <i>Journal of Applied Polymer Science</i> , 2008 , 107, 3099-3110	2.9	5
37	Interphase evolution in polymer films by confocal Raman microspectroscopy. <i>Applied Spectroscopy</i> , 2006 , 60, 115-21	3.1	5
36	Structural changes in poly(3,3 dimethyl oxetane) studied by Raman spectroscopy. <i>Journal of Molecular Structure</i> , 1986 , 143, 183-186	3.4	5
35	A microhardness study of the ferroelectric phase transition of rochelle salt single crystal. <i>Ferroelectrics</i> , 1981 , 34, 227-229	0.6	5
34	Des anomalies observées dans l'étude par effet Raman de La ₂ (SO ₄) ₃ · 9H ₂ O monocristallin en fonction de la temperature. <i>Solid State Communications</i> , 1977 , 21, 221-224	1.6	5
33	How do the shape of clay and type of modifier affect properties of polymer blends?. <i>Journal of Applied Polymer Science</i> , 2013 , 127, 3009-3016	2.9	4
32	In situ fiber composites based on metallocene polyethylene matrices. <i>Journal of Applied Polymer Science</i> , 2007 , 106, 2298-2312	2.9	4
31	Effects of electron beam irradiation on binary polyamide-6 blends with metallocene copolymers. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2007 , 265, 156-161	1.2	4
30	Polarized confocal Raman microspectroscopy studies of chain orientation on injected poly(propylene)/montmorillonite nanocomposites. <i>Journal of Applied Polymer Science</i> , 2005 , 96, 2377-2382	3.9	4
29	Raman microspectroscopy of polymeric materials. <i>Macromolecular Symposia</i> , 2001 , 168, 55-66	0.8	4

28	Fourier transform Raman study of glass-fibre-reinforced poly(ethylene terephthalate). <i>Journal of Raman Spectroscopy</i> , 1994 , 25, 345-351	2.3	4
27	Determination of the Curie temperature in the ferroelectrics triglycine sulphate and triglycine selenate from microhardness measurements. <i>Journal of Physics C: Solid State Physics</i> , 1982 , 15, 1067-1069		4
26	Etude par Effet Raman des Librations de l'eau dans La ₂ (SO ₄) ₃ ·9H ₂ O. <i>Journal of Raman Spectroscopy</i> , 1978 , 7, 333-336	2.3	4
25	Properties of polyamide 6/clay nanocomposites processed by low cost bentonite and different organic modifiers. <i>Polymer Bulletin</i> , 2009 , 62, 791-800	2.4	3
24	A generalized method to calculate diffusion rates in polydisperse systems. Further results on Rouse dynamics in the concentrated regime. <i>Macromolecular Rapid Communications</i> , 2000 , 21, 983-989	4.8	3
23	Application of a new system controlled by computer to measure in real time microhardness on LLDPEs. <i>Polymer Testing</i> , 1991 , 10, 379-385	4.5	3
22	Application of infrared and Raman microspectroscopy to the study of polymeric materials. <i>Makromolekulare Chemie Macromolecular Symposia</i> , 1991 , 52, 57-73		3
21	Study of Different Mixing Sequences in Polymer Blends Reinforced with Nano-Clays. <i>Macromolecular Symposia</i> , 2012 , 321-322, 140-144	0.8	2
20	Liquid-Glassy Polymer Interphases: Diffusion Kinetics in Conditions of Unlimited Liquid Supply. <i>Macromolecular Chemistry and Physics</i> , 2009 , 210, 359-366	2.6	2
19	Damage of polymers studied by micro-Fourier Transform Raman spectroscopy. <i>Polymer Bulletin</i> , 1995 , 34, 71-77	2.4	2
18	A comparison between PA-FTTR and FT-Raman spectroscopies in the structural analysis of annealed injected-moulded poly (ethylene terephthalate). <i>Macromolecular Symposia</i> , 1995 , 94, 129-144	0.8	2
17	Influence of the stretching rate on the transition front structure of uniaxially deformed isotactic poly(propylene). <i>Macromolecular Chemistry and Physics</i> , 1996 , 197, 3269-3284	2.6	2
16	Influence of the crystallinity on the Raman spectra of poly(3,3-dipropyl oxetane). <i>Journal of Molecular Structure</i> , 1986 , 143, 187-190	3.4	2
15	Molecular orientations in semicrystalline poly(trans 1-octenylene). <i>Journal of Molecular Structure</i> , 1986 , 143, 179-182	3.4	2
14	Vibrational spectra and normal-coordinate analysis of poly(3,3-dimethyloxetane). <i>Polymer</i> , 1988 , 29, 661-672	3.9	2
13	Absorption, circular dichroism and resonance raman spectra of Cu(II)·Pol(L-glutamic, L-tyrosine) complexes. Evidence of phenolate coordination. <i>Inorganica Chimica Acta</i> , 1979 , 37, L549-L550	2.7	2
12	Effet de la Temperature sur les Modes Externes de Vibration du Monocristal. La ₂ (SO ₄) ₃ ·9(H,D)2O. <i>Journal of Raman Spectroscopy</i> , 1982 , 12, 152-156	2.3	2
11	Optimization of injection parameters to obtain selected properties on foamed PP with hollow glass microspheres and thermally expandable microspheres using Taguchi method. <i>Journal of Cellular Plastics</i> , 2021 , 57, 313-327	1.5	2

10	The Influence of Sepiolite Orientation and Concentration, on the Morphological, Thermal and Mechanical Properties of Bio-Polyamide 4.10 Nanocomposites. <i>Polymer Engineering and Science</i> , 2020 , 60, 1035-1043	2.3	1
9	Gamma-irradiated metallocenic polyethylene and ethylene-1-hexene copolymers. <i>Journal of Applied Polymer Science</i> , 2010 , 117, NA-NA	2.9	1
8	Characterization of Metallocene Epdm Terpolymers with High Diene and Propylene Content Crosslinked by Dicumyl Peroxide and Radiation. <i>Macromolecular Chemistry and Physics</i> , 2004 , 205, 2080-2088	2.6	1
7	Characterization of the conformers in poly(3,3-diethyl oxetane) by vibrational spectroscopy. <i>Polymer Bulletin</i> , 1989 , 21, 85-88	2.4	1
6	Thermal transitions in polyoctenamers observed by microhardness technique. <i>Polymer Testing</i> , 1990 , 9, 399-404	4.5	1
5	Effets de temperature sur les modes normaux du monocristal de nitrate de strontium. <i>Spectrochimica Acta Part A: Molecular Spectroscopy</i> , 1977 , 33, 213-220		1
4	Infrared and Raman spectra of cerium selenate pentahydrate. <i>Spectrochimica Acta Part A: Molecular Spectroscopy</i> , 1986 , 42, 997-999		0
3	Analysis of the longitudinal acoustic mode (LAM) of poly(3,3-dipropyl oxetane). <i>Polymer Bulletin</i> , 1991 , 27, 95-99	2.4	
2	Ferroelectric Behaviour of TGS and TGSe from Microhardness Measurements. <i>Physica Status Solidi (B): Basic Research</i> , 1985 , 131, K5-K9	1.3	
1	In situ polymerisation of stereospecific propylene nanocomposites blends. Optimising mechanical properties. <i>Polymer</i> , 2022 , 240, 124480	3.9	