Jos M. Pastor

List of Publications by Year in Descending Order

135 papers	2,074 citations	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	In situ polymerisation of stereospecific propylene nanocomposites blends. Optimising mechanical properties. *Polymer*, **2022**, 240, 124480	3.9	
134	Optimization of injection parameters to obtain selected properties on foamed PP with hollow glass microspheres and thermally expandable microspheres using Taguchi method. *Journal of Cellular Plastics*, **2021**, 57, 313-327	1.5	2
133	The Influence of Sepiolite Orientation and Concentration, on the Morphological, Thermal and Mechanical Properties of Bio-Polyamide 4.10 Nanocomposites. *Polymer Engineering and Science*, **2020**, 60, 1035-1043	2.3	1
132	Morphological, Thermal, and Mechanical Behavior of Polyamide11/Sepiolite Bio-Nanocomposites Prepared by Melt Compounding and In Situ Polymerization. *Polymer Composites*, **2019**, 40, E704	3	8
131	In situ polymerization of isotactic polypropylene sepiolite nanocomposites and its copolymers by metallocene catalysis. *European Polymer Journal*, **2018**, 100, 278-289	5.2	17
130	Sepiolite as replacement of short glass fibre in polyamide composites for injection moulding applications. *Applied Clay Science*, **2018**, 162, 129-137	5.2	7
129	Control of molecular weight and polydispersity in polyethylene/needle-like shaped clay nanocomposites obtained by in situ polymerization with metallocene catalysts. *European Polymer Journal*, **2016**, 75, 125-141	5.2	17
128	Glass reinforced concrete panels containing recycled tyres: Evaluation of the acoustic properties of for their use as sound barriers. *Construction and Building Materials*, **2014**, 54, 541-549	6.7	35
127	The structure of sepiolite as support of metallocene co-catalyst during in situ polymerization of polyolefin (nano)composites. *Applied Clay Science*, **2014**, 101, 73-81	5.2	22
126	How do the shape of clay and type of modifier affect properties of polymer blends?. *Journal of Applied Polymer Science*, **2013**, 127, 3009-3016	2.9	4
125	Mechanical and fire retardant properties of EVA/clay/ATH nanocomposites: effect of functionalization of organoclay nanofillers. *Polymer Bulletin*, **2013**, 70, 2169-2179	2.4	6
124	Adhesion control for injection overmolding of elastomeric propylene copolymers on polypropylene. Effects of block and random microstructures. *International Journal of Adhesion and Adhesives*, **2013**, 46, 44-55	3.4	18
123	Composites and nanocomposites of ABS: Synergy between glass fiber and nano-sepiolite. *Composites Part B: Engineering*, **2013**, 47, 42-47	10	12
122	Influence of organic modifier characteristic on the mechanical properties of polyamide 6/organosepiolite nanocomposites. *Composites Part B: Engineering*, **2013**, 45, 459-465	10	33
121	Thermal degradation kinetics of PP/OMMT nanocomposites with mPE and EVA. *Polymer Degradation and Stability*, **2012**, 97, 729-737	4.7	18
120	Changes in structural characteristics of LLDPE functionalized with DEM using gamma-irradiation. *Journal of Applied Polymer Science*, **2012**, 124, 1106-1116	2.9	5
119	Study of Different Mixing Sequences in Polymer Blends Reinforced with Nano-Clays. *Macromolecular Symposia*, **2012**, 321-322, 140-144	0.8	2

118	Poly(lactic acid)/low-density polyethylene blends and its nanocomposites based on sepiolite. *Polymer Engineering and Science*, **2012**, 52, 988-1004	2.3	26
117	Nanocomposites of ABS and sepiolite: Study of different clay modification processes. *Composites Part B: Engineering*, **2012**, 43, 2222-2229	10	23
116	Nanocomposites of PLA/PP blends based on sepiolite. *Polymer Bulletin*, **2011**, 67, 1991-2016	2.4	25
115	Gamma-irradiated metallocenic polyethylene and ethylene-1-hexene copolymers. *Journal of Applied Polymer Science*, **2010**, 117, NA-NA	2.9	1
114	Effect of organic modification of sepiolite for PA 6 polymer/organoclay nanocomposites. *Composites Science and Technology*, **2010**, 70, 1429-1436	8.6	110
113	The effect of montmorillonite and compatibilizer quantities on stiffness and toughness of polyamide nanoblends. *Polymer International*, **2010**, 59, 472-478	3.3	15
112	Liquid-Glassy Polymer Interphases: Diffusion Kinetics in Conditions of Unlimited Liquid Supply. *Macromolecular Chemistry and Physics*, **2009**, 210, 359-366	2.6	2
111	Confocal Raman Microspectroscopy: A Non-Invasive Approach for in-Depth Analyses of Polymer Substrates. *Macromolecular Chemistry and Physics*, **2009**, 210, 549-554	2.6	7
110	Characterization of metallocene ethylene-1-octene copolymers with high comonomer content cross-linked by dicumyl peroxide or γ-radiation. *Journal of Applied Polymer Science*, **2009**, 112, 2691-2700	2.9	14
109	Properties of polyamide 6/clay nanocomposites processed by low cost bentonite and different organic modifiers. *Polymer Bulletin*, **2009**, 62, 791-800	2.4	3
108	Adhesion control for injection overmolding of polypropylene with elastomeric ethylene copolymers. *Polymer Engineering and Science*, **2009**, 49, 1886-1893	2.3	15
107	The use of SSA fractionation to detect changes in the molecular structure of model ethylene–butene copolymers modified by peroxide crosslinking. *Polymer Degradation and Stability*, **2009**, 94, 1639-1645	4.7	15
106	Molecular Mechanisms of Interphase Evolution in the Liquid Polystyrene–Glassy Poly(phenylene oxide) System. *Macromolecules*, **2009**, 42, 3565-3572	5.5	11
105	Synergy between organo-bentonite and nanofillers for polymer based fire retardant applications. *Applied Clay Science*, **2009**, 45, 139-146	5.2	16
104	Avoiding coupling fluid-sample interaction in confocal Raman depth Profiling with immersion objectives. *Applied Spectroscopy*, **2008**, 62, 817-9	3.1	7
103	Method of Submerged Stokeslets for Slip Flow About Ensembles of Particles. *Journal of Nanoscience and Nanotechnology*, **2008**, 8, 3790-3801	1.3	11
102	Mechanical and fire retardant properties of EVA/clay/ATH nanocomposites – Effect of particle size and surface treatment of ATH filler. *Polymer Degradation and Stability*, **2008**, 93, 2032-2037	4.7	72
101	Toughening of PA6/mEPDM Blends by two Methods of Compounding, Extruder and Internal Mixer: Rheological, Morphological and Mechanical Characterization. *Polymer Bulletin*, **2008**, 60, 665-675	2.4	11

100	Mechanical characterization of toughened polyamide-6 blends with metallocene copolymers. *Journal of Applied Polymer Science*, **2008**, 107, 3099-3110	2.9	5
99	Influence of blending sequence on micro- and macrostructure of PA6/mEPDM/EPDMgMA blends reinforced with organoclay. *Journal of Applied Polymer Science*, **2008**, 109, 1556-1563	2.9	19
98	In situ fiber composites based on metallocene polyethylene matrices. *Journal of Applied Polymer Science*, **2007**, 106, 2298-2312	2.9	4
97	Liquid-Glassy Polymer Diffusion: Effects of Liquid Molecular Weight and Temperature. *Macromolecular Chemistry and Physics*, **2007**, 208, 1110-1121	2.6	8
96	EVA Nanocomposites Elaborated with Bentonite Organo-Modified by Wet and Semi-Wet Methods. *Macromolecular Materials and Engineering*, **2007**, 292, 1035-1046	3.9	5
95	Effects of electron beam irradiation on binary polyamide-6 blends with metallocene copolymers. *Nuclear Instruments & Methods in Physics Research B*, **2007**, 265, 156-161	1.2	4
94	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. *Polymer Engineering and Science*, **2007**, 47, 1033-1039	2.3	19
93	Characterization of electron beam irradiation blends based on metallocene ethylene-1-octene copolymer. *Journal of Polymer Science, Part B: Polymer Physics*, **2007**, 45, 2432-2440	2.6	11
92	Confocal Raman microspectroscopy with dry objectives: A depth profiling study on polymer films. *Vibrational Spectroscopy*, **2007**, 44, 62-68	2.1	10
91	Effect of the Amount and Funtionalization Grade of PPgMA Compatibilization Agent in Polypropylene/clay nanocomposites. *Polymer Bulletin*, **2007**, 59, 667-676	2.4	16
90	Depth profiling by confocal Raman microspectroscopy: semi-empirical modeling of the Raman response. *Applied Spectroscopy*, **2007**, 61, 177-85	3.1	35
89	Interphase evolution in polymer films by confocal Raman microspectroscopy. *Applied Spectroscopy*, **2006**, 60, 115-21	3.1	5
88	Liquid□Glassy Polymer Diffusion:´Rate-Controlling Step and Diffusion Mechanism. *Macromolecules*, **2005**, 38, 4355-4362	5.5	9
87	Polarized confocal Raman microspectroscopy studies of chain orientation on injected poly(propylene)/montmorillonite nanocomposites. *Journal of Applied Polymer Science*, **2005**, 96, 2377-2382	2.9	4
86	Diffusion Kinetics at Liquid-Glassy Polymer Interphases. *Macromolecular Rapid Communications*, **2005**, 26, 632-636	4.8	9
85	Influence of clay modification process in PA6-layered silicate nanocomposite properties. *Polymer*, **2005**, 46, 2758-2765	3.9	74
84	Fractionation process in TREF systems: Validation of thermodynamic model and calculation procedure by Raman LAM studies. *Journal of Polymer Science, Part B: Polymer Physics*, **2005**, 43, 3083-3092	2.6	7
83	Sequential injection overmolding of an elastomeric ethylene-octene copolymer on a polypropylene homopolymer core. *Polymer Engineering and Science*, **2004**, 44, 2110-2116	2.3	26

82	Characterization of Metallocene Epdm Terpolymers with High Diene and Propylene Content Crosslinked by Dicumyl Peroxide and Radiation. *Macromolecular Chemistry and Physics*, **2004**, 205, 2080-2088	2.6	1
81	Effect of irradiation on mechanical properties of metallocene elastomers/PA6 blends. *Polymer*, **2004**, 45, 8041-8050	3.9	9
80	Liquid liquid Limited-Supply Diffusion Studies in the Polystyrene Poly(vinyl methyl ether) Pair. *Macromolecules*, **2004**, 37, 4940-4948	5.5	12
79	Thermal Properties and SSA Fractionation of Metallocene Ethylene-Oct-1-ene Copolymers with High Comonomer Content Cross-linked by Dicumyl Peroxide or Radiation. *Macromolecular Chemistry and Physics*, **2003**, 204, 2212-2221	2.6	20
78	Influence of the CaCO3 nanoparticles on the molecular orientation of the polypropylene matrix. *Journal of Applied Polymer Science*, **2003**, 88, 947-952	2.9	19
77	Polypropylene lay nanocomposites: effect of compatibilizing agents on clay dispersion. *European Polymer Journal*, **2003**, 39, 945-950	5.2	249
76	Use of the Raman-Active Longitudinal Acoustic Mode in the Characterization of Reactively Extruded Polyethylenes. *Macromolecular Chemistry and Physics*, **2002**, 203, 238-244	2.6	15
75	Sequential injection molding of thermoplastic polymers. Analysis of processing parameters for optimal bonding conditions. *Polymer Engineering and Science*, **2002**, 42, 2172-2181	2.3	23
74	Limited-supply diffusion in the liquid polystyrene lassy poly(phenylene oxide) pair. Further results in extended times scale. *Polymer*, **2002**, 43, 6751-6760	3.9	14
73	Structure of polypropylene/polyethylene blends assessed by polarised PA-FTIR spectroscopy, polarised FT raman spectroscopy and confocal Raman microscopy. *Macromolecular Symposia*, **2002**, 184, 107-122	0.8	11
72	Diffusion of Liquid Polystyrene into a Glassy Poly(phenylene oxide) Matrix. Diffusion Mechanisms and Experimental Verification. *Macromolecules*, **2001**, 34, 2277-2287	5.5	15
71	Raman microspectroscopy of polymeric materials. *Macromolecular Symposia*, **2001**, 168, 55-66	0.8	4
70	Calculation of polymer blend compositions from Raman spectra: A new method based on parameter estimation techniques. *Journal of Polymer Science, Part B: Polymer Physics*, **2000**, 38, 1013-1023	2.6	23
69	A generalized method to calculate diffusion rates in polydisperse systems. Further results on Rouse dynamics in the concentrated regime. *Macromolecular Rapid Communications*, **2000**, 21, 983-989	4.8	3
68	Comparative study of the crystalline morphology present in isotropic and uniaxially stretched onventional and metallocene polyethylenes. *Polymer*, **2000**, 41, 2999-3010	3.9	35
67	Phase structure, composition and orientation of PC/PSAN blends studied by Raman spectroscopy, confocal Raman imaging spectroscopy and polarised PA-FTIR spectroscopy. *Polymer*, **2000**, 41, 4267-4279	3.9	15
66	Injection molding of poly(ethylene terephthalate): Differential scanning calorimetry and confocal micro-raman spectroscopy investigations of the skin-core morphology. *Polymer Engineering and Science*, **2000**, 40, 95-107	2.3	15
65	Molecular and Lamellar Orientation of and Transcrystalline Layers in Polypropylene Composites by Polarized Confocal Micro-Raman Spectroscopy: Raman Imaging by Static Point Illumination. *Applied Spectroscopy*, **2000**, 54, 1105-1113	3.1	24

64	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. *Polymer*, **1999**, 40, 1629-1636	3.9	30
63	Morphological characterisation of the crystalline structure of cold-drawn HDPE used as a model material for the environmental stress cracking (ESC) phenomenon. *Polymer*, **1999**, 40, 2569-2586	3.9	61
62	Development of a simple experimental method to measure interphase composition profiles generated by diffusion in polymers. Further results and comparison with Raman spectroscopy. *Macromolecular Rapid Communications*, **1998**, 19, 413-417	4.8	14
61	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. *Polymer*, **1997**, 38, 2067-2075	3.9	17
60	Analysis of the chemical composition of poly(ε-caprolactam)-block-polybutadiene copolymers by photoacoustic FTIR spectroscopy and by FT Raman spectroscopy. *Angewandte Makromolekulare Chemie*, **1997**, 245, 113-123		6
59	Rheo-Optical Fourier TransformRaman Study of the Conformational Changes in Uniaxially Stretched Amorphous Bulk Poly(ethylene terephthalate). *Journal of Raman Spectroscopy*, **1996**, 27, 23-29	2.3	10
58	Rheo-Optical Raman Study of Chain Deformation in Uniaxially Stretched Bulk Isotactic Polypropylene. *Journal of Raman Spectroscopy*, **1996**, 27, 463-467	2.3	13
57	Influence of the stretching rate on the transition front structure of uniaxially deformed isotactic poly(propylene). *Macromolecular Chemistry and Physics*, **1996**, 197, 3269-3284	2.6	2
56	Thermally induced structural changes in low-shrinkage poly(ethylene terephthalate) fibers. *Journal of Polymer Science, Part B: Polymer Physics*, **1996**, 34, 1243-1255	2.6	23
55	Structural analysis of poly(ethylene terephthalate) reinforced with glass fiber: Thermal behavior and correlation between PA-FTIR and DSC measurements. *Journal of Applied Polymer Science*, **1996**, 59, 769-774	2.9	11
54	Scanning electron microscopy and differential scanning calorimetry study of the transition front in uniaxially stretched isotactic polypropylene. *Journal of Applied Polymer Science*, **1996**, 60, 1709-1717	2.9	14
53	Deformation-induced conformational changes in stretched samples of amorphous poly(ethylene terephthalate). *Journal of Applied Polymer Science*, **1996**, 62, 1953-1964	2.9	19
52	Micro-Raman study of the longitudinal acoustic modes (LAM) evolution along the transition front in uniaxially stretched HDPE. *Colloid and Polymer Science*, **1996**, 274, 285-289	2.4	8
51	Damage of polymers studied by micro-Fourier Transform Raman spectroscopy. *Polymer Bulletin*, **1995**, 34, 71-77	2.4	2
50	Rheo-optical Raman study of chain deformation in uniaxially stretched bulk polyethylene. *Polymer*, **1995**, 36, 4233-4238	3.9	19
49	A comparison between PA-FTTR and FT-Raman spectroscopies in the structural analysis of annealed injected-moulded poly (ethylene terephthalate). *Macromolecular Symposia*, **1995**, 94, 129-144	0.8	2
48	Rheo-optical FT-Raman study of uniaxially stretched poly(vinylidene fluoride). *Macromolecular Chemistry and Physics*, **1995**, 196, 815-824	2.6	7
47	Structural analysis of poly(ethylene terephthalate) reinforced with glass fibre: 1. A photoacoustic Fourier transform infra-red study. *Polymer*, **1994**, 35, 514-518	3.9	15

46	Fourier transform Raman study of the conformers in poly(ethylene terephthalate). *Journal of Raman Spectroscopy*, **1994**, 25, 335-344	2.3	43
45	Fourier transform Raman study of glass-fibre-reinforced poly(ethylene terephthalate). *Journal of Raman Spectroscopy*, **1994**, 25, 345-351	2.3	4
44	A comparison of specular reflection and PA-FTIR techniques in the analysis of annealed injection-molded polyamide 6,6. *Journal of Applied Polymer Science*, **1994**, 51, 463-471	2.9	13
43	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. *Polymer* , **1994**, 35, 5241-5246	3.9	20
42	Structural analysis of injection-moulded semicrystalline polymers by Fourier-transform infra-red spectroscopy with photoacoustic detection and differential scanning calorimetry: 2. Polyamide-6,6. *Polymer*, **1994**, 35, 2321-2328	3.9	34
41	Micro-Raman study of the transition front in uniaxially stretched semicrystalline polymers. *Makromolekulare Chemie Macromolecular Symposia*, **1993**, 72, 131-141		9
40	Raman mapping of the microdeformed zone produced by Vickers and Knoop microindentation techniques in poly(vinylidene fluoride). *Polymer*, **1993**, 34, 1613-1619	3.9	7
39	Structural analysis of injection-moulded semicrystalline polymers by Fourier transform infra-red spectroscopy with photoacoustic detection and differential scanning calorimetry: 1. Poly(ethylene terephthalate). *Polymer*, **1993**, 34, 3787-3795	3.9	35
38	Micro-Raman spectroscopy study of the process of microindentation in polymers. *Journal of Materials Science*, **1992**, 27, 2231-2236	4.3	8
37	Micro-Raman spectroscopy study of the process of microindentation in polymers. *Journal of Materials Science*, **1992**, 27, 2237-2242	4.3	9
36	Characterization of multilayer polymer structures by micro-raman and micro-FTIR spectroscopies. *Journal of Molecular Structure*, **1992**, 266, 205-210	3.4	8
35	Micro-Raman mapping of the transition region in the neck region of stretched poly(vinylidene fluoride). *Polymer*, **1992**, 33, 4199-4201	3.9	12
34	Application of a new system controlled by computer to measure in real time microhardness on LLDPEs. *Polymer Testing*, **1991**, 10, 379-385	4.5	3
33	Analysis of the longitudinal acoustic mode (LAM) of poly(3,3-dipropyl oxetane). *Polymer Bulletin*, **1991**, 27, 95-99	2.4	
32	Mechanical indentation tester designed to control and measure in real time the microhardness process. *Measurement Science and Technology*, **1991**, 2, 740-743	2	10
31	Application of infrared and Raman microspectroscopy to the study of polymeric materials. *Makromolekulare Chemie Macromolecular Symposia*, **1991**, 52, 57-73		3
30	Thermal transitions in polyoctenamers observed by microhardness technique. *Polymer Testing*, **1990**, 9, 399-404	4.5	1
29	Monitoring the UV degradation of PVC window frames by microhardness analysis. *Journal of Applied Polymer Science*, **1989**, 38, 1879-1882	2.9	20

28	Characterization of the isothermal crystallization of poly(ethylene terephthalate) by microhardness measurements. *Journal of Applied Polymer Science*, **1989**, 38, 2283-2288	2.9	20
27	Temperature dependence of microhardness indentations and dynamic mechanical moduli of polyesters in the vicinity of the glass transition. *Journal of Materials Science Letters*, **1989**, 8, 1418-1419		13
26	Microhardness and dynamic mechanical measurements in polyethylene near the relaxation. *Journal of Materials Science Letters*, **1989**, 8, 349-351		10
25	Characterization of the conformers in poly(3,3-diethyl oxetane) by vibrational spectroscopy. *Polymer Bulletin*, **1989**, 21, 85-88	2.4	1
24	Vibrational spectra and normal-coordinate analysis of poly(3,3-dimethyloxetane). *Polymer*, **1988**, 29, 661-672	3.9	2
23	Influence of the crystallinity on the Raman spectra of poly(3,3- dipropyl oxetane). *Journal of Molecular Structure*, **1986**, 143, 187-190	3.4	2
22	Infrared and Raman spectra of cerium selenate pentahydrate. *Spectrochimica Acta Part A: Molecular Spectroscopy*, **1986**, 42, 997-999		0
21	Molecular orientations in semicrystalline poly(trans 1-octenylene). *Journal of Molecular Structure*, **1986**, 143, 179-182	3.4	2
20	Structural changes in poyl(3,3 dimethyl oxetane) studied by Raman spectroscopy. *Journal of Molecular Structure*, **1986**, 143, 183-186	3.4	5
19	Microindentation hardness and dynamic mechanical moduli in polypropylene near the glass transition. *Journal of Materials Science Letters*, **1986**, 5, 1027-1028		16
18	Ferroelectric Behaviour of TGS and TGSe from Microhardness Measurements. *Physica Status Solidi (B): Basic Research*, **1985**, 131, K5-K9	1.3	
17	Variable temperature and stretching cell for Raman spectroscopy studies of polymers. *Polymer*, **1985**, 26, 383-386	3.9	8
16	A microhardness test for monitoring the thermal stabilization of solid PVC. *Angewandte Makromolekulare Chemie*, **1985**, 130, 201-205		8
15	Raman spectroscopy studies on structural modifications in poly(3,3-dimethyl oxetane). *European Polymer Journal*, **1985**, 21, 449-453	5.2	8
14	Polymorphism in poly(3,3-dimethyloxetane). *Die Makromolekulare Chemie*, **1985**, 186, 1731-1737		9
13	Determination of the Curie temperature in the ferroelectrics triglycine sulphate and triglycine selenate from microhardness measurements. *Journal of Physics C: Solid State Physics*, **1982**, 15, 1067-1069		4
12	Effet de la Temperature sur les Modes Externes de Vibration du Monocristal. La2(SO4)3 9(H,D)2O. *Journal of Raman Spectroscopy*, **1982**, 12, 152-156	2.3	2
11	A study on the structural phase transitions of ferroelastic [N(CH3)4]2CuCl4 from microhardness measurements. *Solid State Communications*, **1982**, 44, 1047-1048	1.6	16

10	Spectrophotometric studies of the copper(II)D-o-tyrosine complex. Assignment of the 330-nm dichroic band in copper(II) and iron(III) transferrins. *Journal of the Chemical Society Dalton Transactions*, **1981**, 2544-2549		13
9	A microhardness study of the ferroelectric phase transition of rochelle salt single crystal. *Ferroelectrics*, **1981**, 34, 227-229	0.6	5
8	A method for measuring ferro-electric Curie points in Rochelle salt. *Journal of Physics E: Scientific Instruments*, **1981**, 14, 71-72		9
7	Absorption, circular dichorism and resonance raman spectra of Cu(II)?Pol(L-glutanic, L-tyrosine) complexes. Evidence of phenolate coordination. *Inorganica Chimica Acta*, **1979**, 37, L549-L550	2.7	2
6	A report on the longitudinal accordian mode in polyalkenamers using low frequency Raman spectroscopy. *Polymer*, **1979**, 20, 780-781	3.9	7
5	Growth and some properties of cerium sulphate enneahydrate single crystals. *Crystal Research and Technology: Journal of Experimental and Industrial Crystallography*, **1978**, 13, 909-914		11
4	Etude par Effet Raman des Librations de l'eau dans La2 (SO4)3. 9H2O. *Journal of Raman Spectroscopy*, **1978**, 7, 333-336	2.3	4
3	Des anomalies observ□s dans l'etude par effet Raman de La2(SO4)3. 9H2O monocristallin en fonction de la temperature. *Solid State Communications*, **1977**, 21, 221-224	1.6	5
2	Effets de temperature sur les modes normaux du monocristal de nitrate de strontium. *Spectrochimica Acta Part A: Molecular Spectroscopy*, **1977**, 33, 213-220		1
1	Spectre Raman et Transition de Phase dans le La2 (SO4)3, 9H2O. *Journal of Raman Spectroscopy*, **1977**, 6, 26-31	2.3	10