Massimo Messori

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/8903576/publications.pdf

Version: 2024-02-01

163 papers	4,548 citations	101496 36 h-index	149623 56 g-index
164 all docs	164 docs citations	164 times ranked	5041 citing authors

#	Article	IF	Citations
1	Preparation and characterization of innovative poly(butylene adipate terephthalate)â€based biocomposites for agriâ€food packaging application. Journal of Applied Polymer Science, 2022, 139, .	1.3	16
2	Fabrication and characterization of new eco-friendly composites obtained by the complete recycling of exhausted coffee capsules. Composites Science and Technology, 2022, 222, 109358.	3.8	5
3	Epoxy resin/TiO2 nanocomposites prepared by the Reactive Suspension Method: Dynamic-mechanical properties and their prediction by theoretical models. Materials Today Communications, 2022, 31, 103347.	0.9	3
4	Synthesis and characterization of a composite organic semiconductor (curcumin-paracetamol/TiO₂). Polymers and Polymer Composites, 2021, 29, 417-426.	1.0	9
5	Effect of the wine wastes on the thermal stability, mechanical properties, and biodegradation's rate of poly(3â€hydroxybutyrate). Journal of Applied Polymer Science, 2021, 138, 49713.	1.3	12
6	Valorization of oat hull fiber from agri-food industrial waste as filler for poly(3-hydroxybutyrate-co-3-hydroxyhexanoate). Journal of Material Cycles and Waste Management, 2021, 23, 402-408.	1.6	12
7	Protein films from black soldier fly (<scp>Hermetia illucens</scp>, Diptera: Stratiomyidae) prepupae: effect of protein solubility and mild crosslinking. Journal of the Science of Food and Agriculture, 2021, 101, 4506-4513.	1.7	8
8	Advantages of Additive Manufacturing for Biomedical Applications of Polyhydroxyalkanoates. Bioengineering, 2021, 8, 29.	1.6	29
9	Functionalization and use of grape stalks as poly(butylene succinate) (PBS) reinforcing fillers. Waste Management, 2021, 126, 538-548.	3.7	23
10	Thermo-Mechanical and Morphological Properties of Polymer Composites Reinforced by Natural Fibers Derived from Wet Blue Leather Wastes: A Comparative Study. Polymers, 2021, 13, 1837.	2.0	13
11	DLP 3D â€“ printing of shape memory polymers stabilized by thermoreversible hydrogen bonding interactions. Applied Materials Today, 2021, 23, 101060.	2.3	10
12	Printing and characterization of threeâ€dimensional highâ€loaded nanocomposites structures. Material Design and Processing Communications, 2021, 3, e256.	0.5	1
13	Thermo-mechanical properties and creep modelling of wine lees filled Polyamide 11 (PA11) and Polybutylene succinate (PBS) bio-composites. Composites Science and Technology, 2020, 188, 107974.	3.8	44
14	Designing epoxy viscosity for optimal mechanical performance of coated Glass Textile Reinforced Mortar (GTRM) composites. Construction and Building Materials, 2020, 233, 117325.	3.2	26
15	Wine derived additives as poly(butylene succinate) (PBS) natural stabilizers for different degradative environments. Polymer Degradation and Stability, 2020, 182, 109381.	2.7	14
16	Thermoplastic Disks Used for Commercial Orthodontic Aligners: Complete Physicochemical and Mechanical Characterization. Materials, 2020, 13, 2386.	1.3	29
17	Influence of atmospheric pressure plasma process parameters on the mechanical behavior of thermoplastic joints. International Journal of Adhesion and Adhesives, 2020, 102, 102650.	1.4	15
18	3D-Printing Nanocellulose-Poly(3-hydroxybutyrate-co-3-hydroxyhexanoate) Biodegradable Composites by Fused Deposition Modeling. ACS Sustainable Chemistry and Engineering, 2020, 8, 10292-10302.	3.2	43

#	Article	IF	Citations
19	Corrosion resistance of commonly used plumbing materials for water distribution systems exposed to disinfection treatments. Corrosion Engineering Science and Technology, 2020, 55, 224-231.	0.7	7
20	Effect of the wine lees wastes as costâ€advantage and natural fillers on the thermal and mechanical properties of poly(3â€hydroxybutyrateâ€<scp>co</scp>â€hydroxyhexanoate) (PHBH) and poly(3â€hydroxybutyrateâ€<scp>co</scp>â€hydroxyvalerate) (PHBV). Journal of Applied Polymer Science, 2020, 137, 48869.	1.3	32
21	New biocomposite obtained using poly(3â€hydroxybutyrateâ€coâ€3â€hydroxyhexanoate) (PHBH) and microfibrillated cellulose. Journal of Applied Polymer Science, 2020, 137, 48953.	1.3	21
22	Optimal Epoxy Dilution for Epoxy-Coated Textile Reinforced Mortar (TRM): An Experimental Perspective. Lecture Notes in Mechanical Engineering, 2020, , 499-511.	0.3	1
23	Effect of expandable and expanded graphites on the thermo-mechanical properties of polyamide 11. Journal of Elastomers and Plastics, 2019, 51, 175-190.	0.7	7
24	Electrospun polylactic acid/date palm polyphenol extract nanofibres for tissue engineering applications. Emergent Materials, 2019, 2, 141-151.	3.2	23
25	Design and Characterization of Novel Potentially Biodegradable Triple-Shape Memory Polymers Based on Immiscible Poly(l-lactide)/Poly(É›-caprolactone) Blends. Journal of Polymers and the Environment, 2019, 27, 632-642.	2.4	11
26	Effect of high temperature exposure on epoxy-coated glass textile reinforced mortar (GTRM) composites. Construction and Building Materials, 2019, 212, 765-774.	3.2	32
27	Thermal and UV aging of polypropylene stabilized by wine seeds wastes and their extracts. Polymer Degradation and Stability, 2019, 165, 49-59.	2.7	28
28	Verwey transition temperature distribution in magnetic nanocomposites containing polydisperse magnetite nanoparticles. Journal of Materials Science, 2019, 54, 8346-8360.	1.7	6
29	Structure and Properties of Polyamide 11 Nanocomposites Filled with Fibrous Palygorskite Clay. Journal of Renewable Materials, 2019, 7, 89-102.	1.1	9
30	Synthesis and Characterization of Semiconductor Polymer Doped with FeCl3 and I2. Semiconductors, 2019, 53, 1656-1664.	0.2	9
31	Rational design and characterization of bioplastics from <scp>Hermetia illucens</scp> prepupae proteins. Biopolymers, 2019, 110, e23250.	1.2	29
32	Development of solvent-casting particulate leaching (SCPL) polymer scaffolds as improved three-dimensional supports to mimic the bone marrow niche. Materials Science and Engineering C, 2019, 96, 153-165.	3.8	111
33	A comparative study of different winemaking by-products derived additives on oxidation stability, mechanical and thermal proprieties of polypropylene. Polymer Degradation and Stability, 2018, 149, 9-18.	2.7	23
34	Structural characterization and functional correlation of Fe3O4 nanocrystals obtained using 2-ethyl-1,3-hexanediol as innovative reactive solvent in non-hydrolytic sol-gel synthesis. Materials Chemistry and Physics, 2018, 207, 337-349.	2.0	16
35	A one-dimensional phenomenological model for the two-way shape-memory effect in semi-crystalline networks. Polymer, 2018, 158, 130-148.	1.8	27
36	Rubber-Filler Interactions in Polyisoprene Filled with In Situ Generated Silica: A Solid State NMR Study. Polymers, 2018, 10, 822.	2.0	14

#	Article	IF	Citations
37	3D printing processes for photocurable polymeric materials: technologies, materials, and future trends. Journal of Applied Biomaterials and Functional Materials, 2018, 16, 151-160.	0.7	108
38	Mechanical performance of epoxy coated AR-glass fabric Textile Reinforced Mortar: Influence of coating thickness and formulation. Composites Part B: Engineering, 2018, 149, 135-143.	5.9	40
39	Proposal of a Novel Natural Biomaterial, the Scleral Ossicle, for the Development of Vascularized Bone Tissue In Vitro. Biomedicines, 2018, 6, 3.	1.4	9
40	Advanced resins for stereolithography: In situ generation of silver nanoparticles. AIP Conference Proceedings, 2018, , .	0.3	11
41	Special Resins for Stereolithography: In Situ Generation of Silver Nanoparticles. Polymers, 2018, 10, 212.	2.0	49
42	Carbon on poly(Îµ-caprolactone) (PCL) Ink-jet Printed Sensor for Monitoring Cell Cultures of Myoblasts. IFMBE Proceedings, 2018, , 783-786.	0.2	1
43	Non-hydrolytic solâ€“gel synthesis and reactive suspension method: an innovative approach to obtain magnetiteâ€“epoxy nanocomposite materials. Journal of Sol-Gel Science and Technology, 2017, 81, 69-83.	1.1	10
44	Organic-inorganic nanocomposites prepared by reactive suspension method: investigation on filler/matrix interactions and their effect on the nanoparticles dispersion. Colloid and Polymer Science, 2017, 295, 695-701.	1.0	12
45	Poly(ethylene glycol)-based shape-memory polymers. International Journal of Polymer Analysis and Characterization, 2017, 22, 463-471.	0.9	3
46	Mutifunctional Electrospun Nonwoven Mats with Twoâ€Way Shape Memory Behavior Prepared from Solâ€“Gel Crosslinked Poly(Îµâ€Caprolactone). Macromolecular Materials and Engineering, 2017, 302, 1600519.	1.7	19
47	Synthesis and characterization of scratch-resistant hybrid coatings based on non-hydrolytic sol-gel ZrO2 nanoparticles. Progress in Organic Coatings, 2017, 103, 60-68.	1.9	31
48	Increased production of bacterial cellulose as starting point for scaled-up applications. Applied Microbiology and Biotechnology, 2017, 101, 8115-8127.	1.7	69
49	Nanocomposites based on poly(l-lactide)/poly(<mml:math) 1j ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 277 Td (xmlns:mml="http://www Effect of the incorporation of graphene nanoplatelets (GNps). Composites Science and Technology, 2017, 151, 219-227.	3.8	47
50	Magnetite-epoxy nanocomposites obtained by the reactive suspension method: Microstructural, thermo-mechanical and magnetic properties. European Polymer Journal, 2017, 94, 354-365.	2.6	15
51	Acrylate-based silver nanocomposite by simultaneous polymerizationâ€“reduction approach via 3D stereolithography. Composites Communications, 2017, 6, 11-16.	3.3	41
52	Surface Modification of Polymers. , 2017, , 109-130.		46
53	Bioactive nanocomposites for dental application obtained by reactive suspension method. Nanocomposites, 2016, 2, 37-49.	2.2	4
54	Facile fabrication of shape memory poly(Îµ-caprolactone) non-woven mat by combining electrospinning and solâ€“gel reaction. RSC Advances, 2016, 6, 43964-43974.	1.7	16

#	Article	IF	Citations
55	A scratch resistant yet healable automotive clearcoat containing hyperbranched polymer and POSS nanostructures. RSC Advances, 2016, 6, 76028-76041.	1.7	13
56	Hydrophobic Scratch Resistant UV-Cured Epoxy Coating. Macromolecular Materials and Engineering, 2016, 301, 93-98.	1.7	4
57	Two-Way Shape Memory Behavior of Electrospun Non-Woven Mats Prepared from Sol-Gel Crosslinked Poly(Îµ-Caprolactone). Advances in Science and Technology, 2016, 97, 100-105.	0.2	2
58	Graphene nanoplatelets dispersion in poly(l-lactic acid): preparation method and its influence on electrical, crystallinity and thermomechanical properties. Iranian Polymer Journal (English Edition), 2016, 25, 193-202.	1.3	13
59	Synthesis and characterization of polyhedral oligomeric titanized silsesquioxane: A new biocompatible cage like molecule for biomedical application. Materials Science and Engineering C, 2016, 61, 293-300.	3.8	25
60	The two-way shape memory behaviour of crosslinked poly(Îµ-caprolactone) systems with largely varied network density. Journal of Intelligent Material Systems and Structures, 2016, 27, 1388-1403.	1.4	26
61	Shape memory nanocomposite of poly(L-lactic acid)/graphene nanoplatelets triggered by infrared light and thermal heating. EXPRESS Polymer Letters, 2016, 10, 349-359.	1.1	39
62	Epoxy nanocomposites functionalized with in situ generated magnetite nanocrystals: Microstructure, magnetic properties, interaction among magnetic particles. Polymer, 2015, 59, 278-289.	1.8	22
63	Influence of in situ -generated silica nanoparticles on EPDM morphology, thermal, thermomechanical, and mechanical properties. Polymer Composites, 2015, 36, 825-833.	2.3	12
64	Hybrid epoxy networks from ethoxysilyl-modified hyperbranched poly(ethyleneimine) and inorganic reactive precursors. European Polymer Journal, 2015, 70, 18-27.	2.6	8
65	Toughened acrylic/melamine thermosetting clear coats using POSS molecules: Mechanical and morphological studies. Polymer, 2015, 63, 19-29.	1.8	21
66	Epoxy networks reinforced with TiO₂ generated by nonhydrolytic solâ€“gel process: A comparison between in situ and ex situ syntheses to obtain filled polymers. Polymer Engineering and Science, 2015, 55, 1689-1697.	1.5	13
67	UV-Cured Functional Coatings. RSC Smart Materials, 2014, , 121-133.	0.1	3
68	Shape Memory Properties of PBS-Silica Hybrids. Materials, 2014, 7, 751-768.	1.3	3
69	Preparation and characterization of EPDM/silica composites prepared through non-hydrolytic sol-gel method in the absence and presence of a coupling agent. EXPRESS Polymer Letters, 2014, 8, 809-822.	1.1	17
70	Experimental Kinematics of a Special Shape Actuator. , 2014, , .		2
71	The network density as tailoring parameter for the two-way shape memory response of crosslinked poly(Îµ-caprolactone). , 2014, , .		1
72	Evaluation of the shape memory performances of poly(Îµ-caprolactone)-based tubular devices for potential biomedical applications. , 2014, , .		4

#	Article	IF	Citations
73	Multilayer films composed of conductive poly(3â€hydroxybutyrate)/carbon nanotubes bionanocomposites and a photoresponsive conducting polymer. Journal of Polymer Science, Part B: Polymer Physics, 2014, 52, 596-602.	2.4	16
74	EPDM rubber reinforced with titania generated by nonhydrolytic sol-gel process. Polymer Engineering and Science, 2014, 54, 2544-2552.	1.5	21
75	Reinforcement of EPDM rubber with in situ generated silica particles in the presence of a coupling agent via a solâ€“gel route. Polymer Testing, 2014, 33, 97-106.	2.3	44
76	Thermo-mechanical and Impact Properties of Polymeric Foams Used for Snow Sports Protective Equipment. Procedia Engineering, 2014, 72, 678-683.	1.2	16
77	Tribological properties and scratch healing of a typical automotive nano clearcoat modified by a polyhedral oligomeric silsesquioxane compound. European Polymer Journal, 2014, 60, 79-91.	2.6	19
78	Mass Transport in Hybrid PTMSP/Silica Membranes. Industrial & Engineering Chemistry Research, 2014, 53, 9243-9255.	1.8	12
79	Novel epoxy-silica hybrid coatings by using ethoxysilyl-modified hyperbranched poly(ethyleneimine) with improved scratch resistance. Polymer, 2014, 55, 5028-5035.	1.8	31
80	Preparation of scratch resistant superhydrophobic hybrid coatings by solâ€“gel process. Progress in Organic Coatings, 2014, 77, 1635-1641.	1.9	55
81	Tailored One-Way and Two-Way Shape Memory Capabilities of Poly(Îµ-Caprolactone)-Based Systems for Biomedical Applications. Journal of Materials Engineering and Performance, 2014, 23, 2545-2552.	1.2	16
82	Epoxy resins reinforced with TiO₂ generated by nonhydrolytic solâ€“gel process. Journal of Applied Polymer Science, 2014, 131, .	1.3	15
83	Insights into Shape-Memory Poly(Îµ-caprolactone) Materials by Solid-State NMR. Macromolecules, 2014, 47, 3544-3552.	2.2	10
84	Multifunctional antistatic and scratch resistant UV-cured acrylic coatings. Progress in Organic Coatings, 2013, 76, 1191-1196.	1.9	31
85	Fracture Toughness Enhancement of UVâ€Cured Epoxy Coatings Containing Al₂O₃ Nanoparticles. Macromolecular Materials and Engineering, 2013, 298, 1184-1189.	1.7	13
86	Chemical and thermomechanical tailoring of the shape memory effect in poly(Îµ-caprolactone)-based systems. Journal of Materials Science, 2013, 48, 424-440.	1.7	36
87	One-way and two-way shape memory behaviour of semi-crystalline networks based on solâ€“gel cross-linked poly(Îµ-caprolactone). Polymer, 2013, 54, 4253-4265.	1.8	103
88	Photoâ€Cured Epoxy Networks Functionalized With Fe₃O₄ Generated by Nonâ€hydrolytic Solâ€“Gel Process. Macromolecular Chemistry and Physics, 2013, 214, 508-516.	1.1	23
89	Novel toughened automotive clearcoats modified by a polyesterâ€amide hyperbranched polymer: structural and mechanical aspects. Polymers for Advanced Technologies, 2013, 24, 495-502.	1.6	11
90	Preparation and characterization of EPDM rubber modified with in situ generated silica. Journal of Applied Polymer Science, 2013, 128, 2525-2532.	1.3	23

#	Article	IF	Citations
91	PMMAâ€“titania nanocomposites: Properties and thermal degradation behaviour. Polymer Degradation and Stability, 2012, 97, 1325-1333.	2.7	65
92	Surface Property Modification of Epoxy Coatings by Polydimethylsiloxanes. Macromolecular Materials and Engineering, 2012, 297, 257-262.	1.7	11
93	Multifunctional Luminescent Organic/Inorganic Hybrid Films. Macromolecular Materials and Engineering, 2012, 297, 680-688.	1.7	10
94	Interrelation between preparation conditions, structure, and mechanical reinforcement in isoprene rubber filled with in situ generated silica. Journal of Applied Polymer Science, 2012, 125, E398.	1.3	9
95	Poly(methyl methacrylate)â€“TiO2 nanocomposites obtained by non-hydrolytic solâ€“gel synthesis: the innovative tert-butyl alcohol route. Journal of Materials Science, 2012, 47, 7003-7012.	1.7	26
96	Photo-cured epoxy networks reinforced with TiO2 in-situ generated by means of non-hydrolytic solâ€“gel process. Polymer, 2012, 53, 283-290.	1.8	53
97	Two-way reversible shape memory behaviour of crosslinked poly(Îµ-caprolactone). Polymer, 2012, 53, 1915-1924.	1.8	146
98	Shape-memory polymer networks from solâ€“gel cross-linked alkoxysilane-terminated poly(Îµ-caprolactone). Journal of Materials Science, 2012, 47, 4354-4362.	1.7	37
99	In Situ Synthesis of Rubber Nanocomposites. Advanced Structured Materials, 2011, , 57-85.	0.3	16
100	Enhancement of scratch-resistance properties of methacrylated UV-cured coatings. Progress in Organic Coatings, 2011, 72, 287-291.	1.9	16
101	Perfluoropolyether-based organicâ€“inorganic coatings. Progress in Organic Coatings, 2011, 72, 461-468.	1.9	13
102	Poly(methyl methacrylate)-TiO2 nanocomposite obtained by non-hydrolytic solâ€“gel synthesis. Journal of Materials Science, 2011, 46, 6609-6617.	1.7	31
103	Polycarbonate reinforced with silica nanoparticles. Polymer Bulletin, 2011, 66, 991-1004.	1.7	28
104	Synthesis and phaseâ€separation behavior of Î±,Ï‰â€difunctionalized diblock copolymers. Journal of Polymer Science Part A, 2011, 49, 926-937.	2.5	8
105	Poly(1,4-cyclohexylenedimethylene-1, 4-cyclohexanedicarboxylate): analysis of parameters affecting polymerization and cis-trans isomerization. Polymer International, 2011, 60, 1607-1613.	1.6	26
106	Isoprene rubber filled with silica generated in situ. Journal of Applied Polymer Science, 2011, 119, 3422-3428.	1.3	16
107	Epoxy resin modified with in situ generated metal oxides by means of solâ€“gel process. Journal of Applied Polymer Science, 2011, 122, 1792-1799.	1.3	17
108	Porous scaffolds of polycaprolactone reinforced with in situ generated hydroxyapatite for bone tissue engineering. Journal of Materials Science: Materials in Medicine, 2010, 21, 343-351.	1.7	93

#	Article	IF	Citations
109	UV-cured epoxy coatings modified with perfluoropolyether-based materials. Progress in Organic Coatings, 2010, 68, 323-327.	1.9	22
110	Scratch Resistance Enhancement of Polymer Coatings. Macromolecular Materials and Engineering, 2010, 295, 603-612.	1.7	78
111	Mass Transport in Nanocomposite Materials for Membrane Separations. , 2010, , .		1
112	Improving Epoxy Adhesives with Zirconia Nanoparticles. Composite Interfaces, 2010, 17, 873-892.	1.3	70
113	Improving the creep stability of high-density polyethylene with acicular titania nanoparticles. Journal of Applied Polymer Science, 2009, 112, 1045-1055.	1.3	35
114	Organicâ€“Inorganic Hybrid Coatings for the Modification of Barrier Properties of Poly(lactic acid) Films for Food Packaging Applications. Journal of Polymers and the Environment, 2009, 17, 10-19.	2.4	61
115	Modification of isoprene rubber by in situ silica generation. Polymer International, 2009, 58, 880-887.	1.6	26
116	Scratch resistant tough nanocomposite epoxy coatings based on hyperbranched polyesters. Polymer, 2009, 50, 5647-5652.	1.8	63
117	Highâ€density polyethylene reinforced with submicron titania particles. Polymer Engineering and Science, 2008, 48, 448-457.	1.5	45
118	UV Curing of Organicâ€Inorganic Hybrid Coatings Containing Polyhedral Oligomeric Silsesquioxane Blocks. Macromolecular Materials and Engineering, 2008, 293, 700-707.	1.7	47
119	Use of Singleâ€Walled Carbon Nanotubes as Reinforcing Fillers in UVâ€Curable Epoxy Systems. Macromolecular Materials and Engineering, 2008, 293, 708-713.	1.7	20
120	Improvement of the surface properties of polycarbonate by organicâ€“inorganic hybrid coatings. Journal of Applied Polymer Science, 2008, 108, 1426-1436.	1.3	34
121	Facile preparation of superhydrophobic coatings by solâ€“gel processes. Journal of Colloid and Interface Science, 2008, 325, 149-156.	5.0	126
122	Scratch resistance of nano-silica reinforced acrylic coatings. Progress in Organic Coatings, 2008, 62, 129-133.	1.9	147
123	Vinyl Ester Resins modified with Perfluoropolyethers. International Journal of Surface Science and Engineering, 2008, 2, 310.	0.4	3
124	Bentonite-Based Organoclays as Innovative Flame Retardants Agents for SBS Copolymer. Journal of Nanoscience and Nanotechnology, 2008, 8, 6316-6324.	0.9	5
125	Monitoring of the Solâ€Gel Synthesis of Organicâ€Inorganic Hybrids by FTIR Transmission, FTIR/ATR, NIR and Raman Spectroscopy. Macromolecular Symposia, 2008, 265, 134-143.	0.4	21
126	Enhancing the scratch resistance of polycarbonate with poly(ethylene oxide)â€“silica hybrid coatings. Advances in Polymer Technology, 2008, 27, 117-126.	0.8	22

#	Article	IF	Citations
127	Hydrophobic and oleophobic coatings based on perfluoropolyether/silica hybrids by the solâ€gel method. Advances in Polymer Technology, 2007, 26, 182-190.	0.8	30
128	Design of surface properties of PET films: Effect of fluorinated block copolymers. Journal of Colloid and Interface Science, 2007, 315, 210-222.	5.0	29
129	Solâ€“gel derived hybrid coatings for the improvement of scratch resistance of polyethylene. Journal of Sol-Gel Science and Technology, 2007, 43, 73-83.	1.1	51
130	Thiodiethylene glycol based polyesters: synthesis and thermal characterization. E-Polymers, 2006, 6, .	1.3	2
131	Perfluoropolyether-based organicâ€“inorganic hybrid coatings. Polymer, 2006, 47, 1055-1062.	1.8	90
132	Cohesive and adhesive properties of polycaprolactone/silica hybrid coatings on poly(methyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542 T	2.2	32
133	Surface properties of fluorinated hybrid coatings. Journal of Applied Polymer Science, 2006, 102, 1483-1488.	1.3	44
134	Electrical behavior of PET films coated with nanostructured organicâ€“inorganic hybrids. Journal of Applied Polymer Science, 2006, 102, 4870-4877.	1.3	10
135	Preparation and characterization of epoxy resins filled with submicron spherical zirconia particles. Polimery, 2006, 51, 794-798.	0.4	21
136	Non-Conventional Curing of Organic-Inorganic Hybrids. Macromolecular Symposia, 2005, 228, 229-236.	0.4	4
137	Epoxy-silica nanocomposites: Preparation, experimental characterization, and modeling. Journal of Applied Polymer Science, 2005, 97, 2382-2386.	1.3	86
138	Silane functionalization of perfluoroether oligomers for reaction management and morphology control of two-phase epoxy networks. Journal of Applied Polymer Science, 2005, 98, 1036-1049.	1.3	1
139	Perfluoropolyether-Silica Hybrids: Preparation and Surface Characterization. Journal of Sol-Gel Science and Technology, 2005, 34, 155-163.	1.1	7
140	Poly(caprolactone-co-lactide)/perfluoropolyether block copolymers: Synthesis, thermal, and surface characterization. Journal of Polymer Science Part A, 2005, 43, 3588-3599.	2.5	10
141	Perfluoropolyether-based organic-inorganic hybrid coatings: Preparation and surface characterisation. Surface Coatings International Part B: Coatings Transactions, 2005, 88, 243-249.	0.3	5
142	Comparison between titanium tetrabutoxide and a new commercial titanium dioxide based catalyst used for the synthesis of poly(ethylene terephthalate). Journal of Applied Polymer Science, 2004, 92, 1887-1892.	1.3	38
143	Prevention of plasticizer leaching from PVC medical devices by using organicâ€“inorganic hybrid coatings. Polymer, 2004, 45, 805-813.	1.8	94
144	Surface modification of unsaturated polyester resins with perfluoropolyethers. Polimery, 2004, 49, 785-789.	0.4	6

#	Article	IF	Citations
145	Poly(caprolactone)/silica organic-inorganic hybrids as protective coatings for poly(methyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 181-186.	0.3	23
146	New catalysts for poly(butylene terephthalate) synthesis. Part 3: effect of phosphate co-catalysts. Polymer, 2003, 44, 4773-4779.	1.8	22
147	Surface chemical analysis of poly(?-caprolactone)-perfluoropolyether-poly(?-caprolactone) triblock copolymers by X-ray photoelectron spectroscopy. Polymer International, 2003, 52, 1262-1274.	1.6	32
148	Flame retarding poly(methyl methacrylate) with nanostructured organicâ€“inorganic hybrids coatings. Polymer, 2003, 44, 4463-4470.	1.8	97
149	Poly(Îµ-caprolactone)-poly(fluoroalkylene oxide)-poly(Îµ-caprolactone) block copolymers as surface modifiers of poly(vinyl chloride). Surface Coatings International Part B: Coatings Transactions, 2002, 85, 197-201.	0.3	13
150	Synthesis and characterisation of silica hybrids based on poly(Îµ-caprolactone-b-perfluoropolyether-b-Îµ-caprolactone). European Polymer Journal, 2002, 38, 1129-1136.	2.6	18
151	Poly(Îµ-caprolactone)-poly(fluoroalkylene oxide)-poly(Îµ-caprolactone) block copolymers. 2. Thermal and surface properties. Polymer, 2001, 42, 1771-1779.	1.8	59
152	New catalysts for poly(butylene terephthalate) synthesis. Polymer, 2001, 42, 7511-7516.	1.8	37
153	Unsaturated polyester resins modified with poly(Îµ-caprolactone)â€“perfluoropolyethers block copolymers. Polymer, 2001, 42, 09877-09885.	1.8	60
154	Acrylic polyester resins containing perfluoropolyethers structures: Synthesis, characterization, and photopolymerization. , 2000, 75, 651-659.		18
155	Poly(Îµ-caprolactone)â^'Poly(fluoroalkylene oxide)â^'Poly(Îµ-caprolactone) Block Copolymers. 1. Synthesis and Molecular Characterization. Macromolecules, 1999, 32, 6969-6976.	2.2	40
156	Unsaturated polyester resins modified with perfluoropolyethers. Journal of Applied Polymer Science, 1998, 67, 1679-1691.	1.3	18
157	On specific factors affecting the crystallization of PET: the role of carboxyl terminal groups and residual catalysts on the crystallization rate. Polymer, 1997, 38, 4469-4476.	1.8	46
158	Production of Maleic and Phthalic Anhydrides by Selective Vapor Phase Oxidation with Vanadium Oxide Based Catalysts. Studies in Surface Science and Catalysis, 1994, 82, 221-231.	1.5	5
159	Chapter 9 Selective oxidation of o-xylene to phthalic anhydride over the Eurocat V2O5/TiO2 catalysts. Catalysis Today, 1994, 20, 153-163.	2.2	11
160	Reaction Pathway in Vapor Phase Hydrogenation of Maleic Anhydride and Its Esters to Î³-Butyrolactone. Journal of Catalysis, 1994, 150, 177-185.	3.1	59
161	Facile and not facile reactions for the production of maleic and phthalic anhydrides with vanadium mixed oxides based catalysts. Catalysis Letters, 1993, 21, 19-26.	1.4	7
162	Flame retardant SBSâ€“clay nanocomposites. , 0, , 360-382.		0

#	Article	IF	Citations
163	Tailored One-Way and Two-Way Shape Memory Response of Poly(Îµ-Caprolactone)-Based Systems for Biomedical Applications. Advances in Science and Technology, 0, , .	0.2	4