

Paola Stagnaro

List of Publications by Year in descending order

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104
papers

2,246
citations

172457

29
h-index

289244

40
g-index

105
all docs

105
docs citations

105
times ranked

2689
citing authors

#	ARTICLE	IF	CITATIONS
1	The self-assembly of sepiolite and silica fillers for advanced rubber materials: The role of collaborative filler network. <i>Applied Clay Science</i> , 2022, 218, 106383.	5.2	17
2	2,5-Diisopropenylthiophene by Suzuki–Miyaura cross-coupling reaction and its exploitation in inverse vulcanization: a case study. <i>RSC Advances</i> , 2022, 12, 8924-8935.	3.6	3
3	Improved dielectric properties of poly(vinylidene fluoride)/BaTiO ₃ composites by solvent-free processing. <i>Journal of Applied Polymer Science</i> , 2021, 138, 50049.	2.6	11
4	Lightweight polyethylene/hollow glass microspheres composites for rotational molding technology. <i>Journal of Applied Polymer Science</i> , 2021, 138, 49766.	2.6	4
5	A Review of Structural Adhesive Joints in Hybrid Joining Processes. <i>Polymers</i> , 2021, 13, 3961.	4.5	47
6	PVDF-based composites containing PZT particles: How processing affects the final properties. <i>Journal of Applied Polymer Science</i> , 2020, 137, 48871.	2.6	15
7	PVDF–ferrite composites with dual magneto-piezoelectric response for flexible electronics applications: synthesis and functional properties. <i>Journal of Materials Science</i> , 2020, 55, 3926-3939.	3.7	29
8	Characterization of the effect of an epoxy adhesive in hybrid FSW-bonding aluminium-steel joints for naval application. <i>International Journal of Adhesion and Adhesives</i> , 2020, 103, 102702.	2.9	17
9	Heterogeneous Nucleation and Self-Nucleation of Isotactic Polypropylene Microdroplets in Immiscible Blends: From Nucleation to Growth-Dominated Crystallization. <i>Macromolecules</i> , 2020, 53, 5980-5991.	4.8	38
10	Strategies for Dielectric Contrast Enhancement in 1D Planar Polymeric Photonic Crystals. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 4122.	2.5	22
11	High Refractive Index Inverse Vulcanized Polymers for Organic Photonic Crystals. <i>Crystals</i> , 2020, 10, 154.	2.2	12
12	Chemical modification of hemp fibres by plasma treatment for eco-composites based on biodegradable polyester. <i>Journal of Materials Science</i> , 2019, 54, 14367-14377.	3.7	15
13	A Green Approach for Preparing High-Loaded Sepiolite/Polymer Biocomposites. <i>Nanomaterials</i> , 2019, 9, 46.	4.1	18
14	Lightweight Poly(μ -Caprolactone) Composites with Surface Modified Hollow Glass Microspheres for Use in Rotational Molding: Thermal, Rheological and Mechanical Properties. <i>Polymers</i> , 2019, 11, 624.	4.5	34
15	Alginate-polymethacrylate hybrid hydrogels for potential osteochondral tissue regeneration. <i>Carbohydrate Polymers</i> , 2018, 185, 56-62.	10.2	50
16	Size-controlled self-assembly of anisotropic sepiolite fibers in rubber nanocomposites. <i>Applied Clay Science</i> , 2018, 152, 51-64.	5.2	35
17	Reinforcing poly(μ -caprolactone) with hollow glass microspheres and hemp fibers – Morphological, rheological and mechanical properties. <i>AIP Conference Proceedings</i> , 2018, , .	0.4	1
18	Light weight LDPE composites with surface modified hollow glass microspheres. <i>AIP Conference Proceedings</i> , 2018, , .	0.4	2

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19	Macrocylic oligomers as compatibilizing agent for hemp fibres/biodegradable polyester eco-composites. <i>Polymer</i> , 2018, 146, 396-406.	3.8	25
20	Thermal characterization of epoxy adhesives modified with nanofillers for hybrid friction stir welding process. <i>AIP Conference Proceedings</i> , 2018, , .	0.4	0
21	PVDF/BaTiO ₃ composites as dielectric materials: Influence of processing on properties. <i>AIP Conference Proceedings</i> , 2018, , .	0.4	2
22	Fully consistent terpolymeric non-releasing antioxidant additives for long lasting polyolefin packaging materials. <i>Polymer Degradation and Stability</i> , 2017, 144, 167-175.	5.8	9
23	Bioactive TGF- β 1/HA Alginate-Based Scaffolds for Osteochondral Tissue Repair: Design, Realization and Multilevel Characterization. <i>Journal of Applied Biomaterials and Functional Materials</i> , 2016, 14, 42-52.	1.6	20
24	Biodegradable polyester-based eco-composites containing hemp fibers modified with macrocylic oligomers. <i>AIP Conference Proceedings</i> , 2016, , .	0.4	0
25	Random propene/4- α -methyl-1-pentene copolymers synthesized with C ₂ symmetric highly isospecific metallocenes. <i>Journal of Polymer Science Part A</i> , 2015, 53, 2575-2585.	2.3	2
26	A novel tin-based imidazolium-modified montmorillonite catalyst for the preparation of poly(butylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tt <i>RSC Advances</i> , 2015, 5, 6222-6231.	3.6	7
27	Micropatterning of hydrophilic polyacrylamide brushes to resist cell adhesion but promote protein retention. <i>Chemical Communications</i> , 2014, 50, 14975-14978.	4.1	30
28	On properties of graft copolymers of LLDPE and novel fluorine surfactants obtained via reactive extrusion. <i>Designed Monomers and Polymers</i> , 2014, 17, 746-752.	1.6	3
29	Shape controlled spherical (0D) and rod-like (1D) silica nanoparticles in silica/styrene butadiene rubber nanocomposites: Role of the particle morphology on the filler reinforcing effect. <i>Polymer</i> , 2014, 55, 1497-1506.	3.8	62
30	Wool fibres functionalised with a silane-based coupling agent for reinforced polypropylene composites. <i>Composites Part A: Applied Science and Manufacturing</i> , 2014, 61, 51-59.	7.6	45
31	Innovative films with tunable permeability for fresh vegetable packaging applications. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	2.6	4
32	Plasticized and nanofilled poly(lactic acid)-based cast films: Effect of plasticizer and organoclay on processability and final properties. <i>Journal of Applied Polymer Science</i> , 2013, 127, 4947-4956.	2.6	33
33	Aqueous-based immobilization of initiator and surface-initiated ATRP to construct hemocompatible surface of poly (styrene-b-(ethylene-co-butylene)-b-styrene) elastomer. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 111, 333-341.	5.0	22
34	Composites based on polypropylene and short wool fibres. <i>Composites Part A: Applied Science and Manufacturing</i> , 2013, 47, 165-171.	7.6	67
35	The trigonal form of i-PP in random C3/C5/C6 terpolymers. <i>Polymer</i> , 2013, 54, 1656-1662.	3.8	29
36	Plasma Proteins Adsorption Mechanism on Polyethylene-Grafted Poly(ethylene glycol) Surface by Quartz Crystal Microbalance with Dissipation. <i>Langmuir</i> , 2013, 29, 6624-6633.	3.5	60

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37	Improved biocompatibility of poly (styrene-b-(ethylene-co-butylene)-b-styrene) elastomer by a surface graft polymerization of hyaluronic acid. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 102, 210-217.	5.0	37
38	Novel ethylene/norbornene copolymers as nonreleasing antioxidants for food-contact polyolefinic materials. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2013, 51, 1007-1016.	2.1	22
39	Characterization of a bioinspired elastin-polypropylene fumarate material for vascular prostheses applications. <i>Proceedings of SPIE</i> , 2013, , .	0.8	3
40	Design and Synthesis of Olefin Copolymers with Tunable Amounts of Comonomers Bearing Stabilizing Functionalities. <i>Macromolecular Reaction Engineering</i> , 2013, 7, 84-90.	1.5	7
41	Surface modification of poly(styrene-b-(ethylene-co-butylene)-b-styrene) elastomer via photo-initiated graft polymerization of poly(ethylene glycol). <i>Applied Surface Science</i> , 2012, 258, 2344-2349.	6.1	26
42	Fabrication of PP-g-PEGMA-g-heparin and its hemocompatibility: From protein adsorption to anticoagulant tendency. <i>Applied Surface Science</i> , 2012, 258, 5841-5849.	6.1	50
43	Polypropylene non-woven fabric membrane via surface modification with biomimetic phosphorylcholine in Ce(IV)/HNO ₃ redox system. <i>Materials Science and Engineering C</i> , 2012, 32, 1785-1789.	7.3	12
44	Polyester-based biocomposites containing wool fibres. <i>Composites Part A: Applied Science and Manufacturing</i> , 2012, 43, 1113-1119.	7.6	50
45	The clay mineral modifier as the key to steer the properties of rubber nanocomposites. <i>Applied Clay Science</i> , 2012, 61, 14-21.	5.2	30
46	Melting grafting polypropylene with hydrophilic monomers for improving hemocompatibility. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2012, 407, 141-149.	4.7	21
47	Biocompatible polypropylene prepared by a combination of melt grafting and surface restructuring. <i>Journal of Applied Polymer Science</i> , 2012, 126, 929-938.	2.6	4
48	Surface modification of poly(styrene-b-(ethylene-co-butylene)-b-styrene) elastomer via UV-induced graft polymerization of N-vinyl pyrrolidone. <i>Colloids and Surfaces B: Biointerfaces</i> , 2012, 93, 127-134.	5.0	54
49	Improving hemocompatibility of styrene-b-(ethylene-co-butylene)-b-styrene elastomer via N-vinyl pyrrolidone-assisted grafting of poly(ethylene glycol) methacrylate. <i>Polymer</i> , 2012, 53, 1675-1683.	3.8	32
50	LDPE-based blends and films stabilized with nonreleasing polymeric antioxidants for safer food packaging. <i>Journal of Applied Polymer Science</i> , 2012, 124, 3912-3920.	2.6	22
51	Isoselectivity and Steric Hindrance of C ₂ Symmetric Metallocenes as the Keys to Control Structural and Thermal Features of Ethene/4-Methyl-1-Pentene Copolymers. <i>Macromolecules</i> , 2011, 44, 3712-3722.	4.8	13
52	Synthesis of amphiphilic poly(cyclooctene)-graft-poly(ethylene glycol) copolymers via ROMP and its surface properties. <i>Polymer Chemistry</i> , 2011, 2, 679-684.	3.9	16
53	Biocompatibility of polypropylene non-woven fabric membrane via UV-induced graft polymerization of 2-acrylamido-2-methylpropane sulfonic acid. <i>Applied Surface Science</i> , 2011, 258, 425-430.	6.1	39
54	Modulation of barrier properties of monolayer films from blends of polyethylene with ethylene-norbornene. <i>Journal of Applied Polymer Science</i> , 2011, 121, 3020-3027.	2.6	7

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55	Functionalization of Multiwalled Carbon Nanotubes with Cyclic Nitrones for Materials and Composites: Addressing the Role of CNT Sidewall Defects. <i>Chemistry of Materials</i> , 2011, 23, 1923-1938.	6.7	51
56	Optimization of organoâ€œlayered double hydroxide dispersion in LDPEâ€œbased nanocomposites. <i>Polymers for Advanced Technologies</i> , 2011, 22, 2285-2294.	3.2	28
57	Syntheses of random PETâ€œco</i>â€œPTTs and some related copolyesters by entropicallyâ€œdriven ringâ€œopening polymerizations and by melt blending: Thermal properties and crystallinity. <i>Journal of Polymer Science Part A</i> , 2011, 49, 995-1005.	2.3	11
58	Unravelling the detailed microstructure of a semiconducting (quasiâ€œmetal) soluble polymer incorporating conjugated thienylene methine sequences. <i>Journal of Polymer Science Part A</i> , 2011, 49, 5227-5238.	2.3	1
59	A New Modifier for Silica in Reinforcing SBR Elastomers for the Tyre Industry. <i>Macromolecular Materials and Engineering</i> , 2011, 296, 455-464.	3.6	42
60	The nanostructured morphology of linear polyurethanes observed by transmission electron microscopy. <i>Micron</i> , 2011, 42, 3-7.	2.2	16
61	Improved biocompatibility and antifouling property of polypropylene non-woven fabric membrane by surface grafting zwitterionic polymer. <i>Journal of Membrane Science</i> , 2011, 369, 5-12.	8.2	182
62	Preparation of PP-g-PEG by using partial pre-irradiated polypropylene as initiator and its properties. <i>Polymer Bulletin</i> , 2010, 65, 929-940.	3.3	6
63	A Possible Means to Assist the Processing of PET, PTT and PBT. <i>Macromolecular Materials and Engineering</i> , 2010, 295, 374-380.	3.6	11
64	N-vinyl pyrrolidone-assisted free radical functionalization of glycidyl methacrylate onto styrene-b-(ethylene-co-butylene)-b-styrene. <i>Reactive and Functional Polymers</i> , 2010, 70, 961-966.	4.1	18
65	Polypropylene modified with 2-hydroxyethyl acrylate-g-2-methacryloyloxyethyl phosphorycholine and its hemocompatibility. <i>Applied Surface Science</i> , 2010, 256, 7071-7076.	6.1	40
66	Toward block copolymers from nonliving isospecific singleâ€œsite catalytic systems. <i>Journal of Polymer Science Part A</i> , 2010, 48, 2063-2075.	2.3	10
67	An Introduction to Entropicallyâ€œdriven Ringâ€œopening Polymerizations. <i>Macromolecular Symposia</i> , 2010, 297, 6-17.	0.7	12
68	Exfoliated/Intercalated Rubber/Organoâ€œMontmorillonite Nanocomposites: Preparation and Characterization. <i>Macromolecular Materials and Engineering</i> , 2009, 294, 705-710.	3.6	13
69	Preparation and physical properties of LLDPE grafted with novel nonionic surfactants. <i>Journal of Applied Polymer Science</i> , 2009, 111, 1268-1277.	2.6	6
70	Crystallization and morphology of the trigonal form in random propene/1-pentene copolymers. <i>Polymer</i> , 2009, 50, 5242-5249.	3.8	34
71	The radiation-induced grafting of polybutadiene onto silica. <i>Radiation Physics and Chemistry</i> , 2009, 78, 525-530.	2.8	11
72	Reactive blending of poly(ethylene 2,6-naphthalate) and Vectra A. <i>European Polymer Journal</i> , 2009, 45, 217-225.	5.4	15

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73	Acid-Catalyzed Polycondensation of 2-Acetoxyethyl-3,4-dimethylthiophene. Access to a Novel Poly(thienylene methine) with Alternating Aromatic- and Quinoid-like Structures. <i>Macromolecules</i> , 2009, 42, 2455-2461.	4.8	5
74	<i>In situ</i> polymerization of ethylene using metallocene catalysts: Effect of clay pretreatment on the properties of highly filled polyethylene nanocomposites. <i>Journal of Polymer Science Part A</i> , 2008, 46, 5390-5403.	2.3	28
75	The influence of variant PEG-PEO segments on physical properties of LLDPE graft copolymers. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2008, 46, 506-515.	2.1	1
76	Thermoplastic elastomers based on compatibilized poly(butylene terephthalate) blends: Effect of functional groups and dynamic curing. <i>Journal of Applied Polymer Science</i> , 2008, 110, 3963-3972.	2.6	23
77	Ethylene-based copolymers with tunable content of polymerizable hindered phenols as nonreleasing macromolecular additives. <i>Journal of Polymer Science Part A</i> , 2008, 46, 6393-6406.	2.3	34
78	Penultimate-Unit Effect in Ethene/4-Methyl-1-pentene Copolymerization for a <i>Sequential</i> Distribution of Comonomers. <i>Macromolecules</i> , 2008, 41, 1104-1111.	4.8	24
79	Segmented Polyimides with Poly(ethylene oxide) Blocks Exhibiting Liquid Crystallinity. <i>Macromolecules</i> , 2008, 41, 1034-1040.	4.8	18
80	High Throughput Synthesis of Polyesters Using Entropically Driven Ring-Opening Polymerizations. <i>ACS Combinatorial Science</i> , 2008, 10, 644-654.	3.3	23
81	ON THE CYCLO-DEPOLYMERIZATION OF ALKYL AROMATIC POLYESTERS AND THE IN SITU POLYMERIZATION OF THE CYCLIC OLIGOMERS PRODUCED. <i>AIP Conference Proceedings</i> , 2008, , .	0.4	0
82	IN SITU RHEO-SALS EXPERIMENTS ON LDPE NANOCOMPOSITES: A PRELIMINARY STUDY. <i>AIP Conference Proceedings</i> , 2008, , .	0.4	0
83	Macromolecular Non-Releasing Additives for Commercial Polyolefins. <i>Macromolecular Symposia</i> , 2007, 260, 21-26.	0.7	12
84	Penultimate Unit Effect in Ethene/Propene Copolymerization Promoted at High Temperature by Single Center Catalysts. <i>Macromolecules</i> , 2006, 39, 8223-8228.	4.8	17
85	Thermal Behavior, Structure and Morphology of Propene/Higher 1-Olefin Copolymers. <i>Macromolecular Chemistry and Physics</i> , 2006, 207, 2128-2141.	2.2	35
86	Effects on sorption and diffusion in PTMSP and TMSP/TMSE copolymers of free volume changes due to polymer ageing. <i>Journal of Molecular Structure</i> , 2005, 739, 75-86.	3.6	31
87	Thermal Behavior and Structural Features of Propene/1-Pentene Copolymers by Metallocene Catalysts. <i>Macromolecular Chemistry and Physics</i> , 2004, 205, 383-389.	2.2	17
88	Unexpected Formation of Atactic Blocks in Propylene/1-Pentene Copolymers from $\text{rac-Me}_2\text{Si}(2\text{-MeBenz[e]Ind})_2\text{ZrCl}_2$. <i>Macromolecular Chemistry and Physics</i> , 2004, 205, 1804-1807.	2.2	9
89	Microstructural characteristics and thermal properties of ansa-zirconocene catalyzed copolymers of propene with higher α -olefins. <i>Macromolecular Symposia</i> , 2004, 213, 57-68.	0.7	12
90	Polyacetylenes Bearing Mesogenic Side Groups: Synthesis and Properties, 2. <i>Macromolecular Chemistry and Physics</i> , 2003, 204, 714-724.	2.2	11

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91	Polyacetylenes bearing mesogenic side groups: synthesis and properties. Part 3. Influence of flexible spacer length and tail functionality. <i>Polymer</i> , 2003, 44, 4443-4454.	3.8	16
92	The acid-catalysed polycondensation of 2-acetoxymethylthiophenes. Kinetics and mechanisms. <i>Polymer</i> , 2003, 44, 1359-1365.	3.8	6
93	Acid-Catalyzed Polycondensation of 2-Hydroxymethylthiophene and Some of Its Homologues. <i>Macromolecules</i> , 2001, 34, 26-32.	4.8	14
94	Polyacetylenes Bearing Mesogenic Side Groups: Synthesis and Properties, 1. Mesogenic Substituents with a Short Flexible Spacer. <i>Macromolecular Chemistry and Physics</i> , 2001, 202, 2065-2073.	2.2	20
95	Phase Separation and Morphology of PDLC Based on Poly(Ethyl 2-Cyanoacrylate). <i>Molecular Crystals and Liquid Crystals</i> , 1999, 336, 199-210.	0.3	2
96	A novel approach to crosslinked polymer electrolytes based on polyethers: network formation via photochemistry. <i>Polymer</i> , 1998, 39, 6187-6189.	3.8	4
97	Polyarylates based on 3, 4'-disubstituted benzophenones. <i>Macromolecular Symposia</i> , 1997, 122, 117-122.	0.7	1
98	New thermotropic copoly(keto esters) based on 3,4'-disubstituted benzophenones. <i>Macromolecular Chemistry and Physics</i> , 1997, 198, 2599-2611.	2.2	1
99	Polymer/Liquid Crystal Composites: Phase Separation and Morphology of Blends of PBMA or PMMA and E7. <i>Molecular Crystals and Liquid Crystals</i> , 1996, 290, 213-226.	0.3	18
100	Base-induced cycloaddition of tosylmethyl or (tert-butoxycarbonyl)methyl isocyanide to 1,4-disubstituted 2,3-dinitro-1,3-butadienes. Access to 2,3-disubstituted 4-ethynylpyrroles. <i>Tetrahedron</i> , 1995, 51, 5181-5192.	1.9	23
101	Synthetic exploitation of the ring-opening of 3,4-dinitrothiophene. Part 4. Synthesis of 1,4-disubstituted 3-hydroximinoo-2-nitro-1-butenes and their cyclization to 4-nitroisoxazoles. <i>Journal of Heterocyclic Chemistry</i> , 1994, 31, 861-865.	1.6	16
102	Synthetic exploitation of the ring-opening of 3,4-dinitrothiophene. Access to 1,4-disubstituted 2,3-dinitro-1,3-butadienes and 2,3-butanedione dioximes. <i>Tetrahedron</i> , 1992, 48, 4407-4418.	1.9	39
103	Synthetic exploitation of the ring-opening of 3,4-dinitrothiophene. Part 3. Access to 1,4-diaryl- and 1,4-dialkyl-2-nitrobutanes. <i>Tetrahedron Letters</i> , 1992, 33, 7047-7048.	1.4	7
104	Synthetic exploitation of the ring-opening of 3,4-dinitrothiophene. A novel access to 1,4-dialkyl- and 1,4-diaryl-2,3-dinitro-1,3-butadienes. <i>Tetrahedron Letters</i> , 1990, 31, 4933-4936.	1.4	37