Andrea Lazzeri

List of Publications by Year
in descending order

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169	7,627	57758	64796
papers	citations	44 h-index	79 g-index

176	176	176	7316
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Polyhydroxyalkanoate (PHA): Review of synthesis, characteristics, processing and potential applications in packaging. EXPRESS Polymer Letters, 2014, 8, 791-808.	2.1	682
2	Dilatational bands in rubber-toughened polymers. Journal of Materials Science, 1993, 28, 6799-6808.	3.7	308
3	Crosslink density and fracture toughness of epoxy resins. Journal of Materials Science, 1991, 26, 2348-2352.	3.7	227
4	Green synthesis of flexible polyurethane foams from liquefied lignin. European Polymer Journal, 2013, 49, 1174-1184.	5.4	223
5	Bio-Based Packaging: Materials, Modifications, Industrial Applications and Sustainability. Polymers, 2020, 12, 1558.	4.5	209
6	Filler toughening of plastics. Part 1â€”The effect of surface interactions on physico-mechanical properties and rheological behaviour of ultrafine CaCO3/HDPE nanocomposites. Polymer, 2005, 46, 827-844.	3.8	174
7	State of the Art in the Development and Properties of Protein-Based Films and Coatings and Their Applicability to Cellulose Based Products: An Extensive Review. Coatings, 2016, 6, 1.	2.6	164
8	Flexible polyurethane foams green production employing lignin or oxypropylated lignin. European Polymer Journal, 2015, 64, 147-156.	5.4	150
9	Applications of a dilatational yielding model to rubber-toughened polymers. Polymer, 1995, 36, 2895-2902.	3.8	147
10	Intralesional administration of L19-IL2/L19-TNF in stage III or stage IVM1a melanoma patients: results of a phase II study. Cancer Immunology, Immunotherapy, 2015, 64, 999-1009.	4.2	138
11	Ramie (Boehmeria nivea (L.) Gaud.) and Spanish Broom (Spartium junceum L.) fibres for composite materials: agronomical aspects, morphology and mechanical properties. Industrial Crops and Products, 2000, 11, 145-161.	5.2	127
12	Bio-Based Electrospun Fibers for Wound Healing. Journal of Functional Biomaterials, 2020, 11, 67.	4.4	123
13	Properties of Whey-Protein-Coated Films and Laminates as Novel Recyclable Food Packaging Materials with Excellent Barrier Properties. International Journal of Polymer Science, 2012, 2012, 1-7.	2.7	121
14	Gelatin-Based Blends and Composites. Morphological and Thermal Mechanical Characterization. Biomacromolecules, 2001, 2, 806-811.	5.4	119
15	Effect of nucleating agents on crystallinity and properties of poly (lactic acid) (PLA). European Polymer Journal, 2017, 93, 822-832.	5.4	113
16	Morphology and mechanical properties of amine-terminated butadiene-acrylonitrile/epoxy blends. Polymer Engineering and Science, 1986, 26, 63-73.	3.1	111
17	Fracture of ultrafine calcium carbonate/polypropylene composites. Polymer Composites, 1989, 10, 39-43.	4.6	102
18	A Brief Review of Poly (Butylene Succinate) (PBS) and Its Main Copolymers: Synthesis, Blends, Composites, Biodegradability, and Applications. Polymers, 2022, 14, 844.	4.5	101

#	Article	IF	Citations
19	Rubber Toughening of Polylactic Acid (PLA) with Poly(butylene adipate-co-terephthalate) (PBAT): Mechanical Properties, Fracture Mechanics and Analysis of Ductile-to-Brittle Behavior while Varying Temperature and Test Speed. European Polymer Journal, 2019, 115, 125-137.	5.4	97
20	Raman-based distributed temperature sensor with 1â€‰m spatial resolution over 26â€‰km SMF using low-repetition-rate cyclic pulse coding. Optics Letters, 2011, 36, 2557.	3.3	96
21	Synergistic Effects of Nucleating Agents and Plasticizers on the Crystallization Behavior of Poly(lactic acid). Molecules, 2015, 20, 1579-1593.	3.8	96
22	On the Coating of Precipitated Calcium Carbonate with Stearic Acid in Aqueous Medium. Langmuir, 2010, 26, 8474-8482.	3.5	94
23	Electrospinning Piezoelectric Fibers for Biocompatible Devices. Advanced Healthcare Materials, 2020, 9, e1901287.	7.6	90
24	Whey protein layer applied on biodegradable packaging film to improve barrier properties while maintaining biodegradability. Polymer Degradation and Stability, 2014, 108, 151-157.	5.8	89
25	Dependence of the PukÃ¡nszkyâ€™s interaction parameter B on the interface shear strength (IFSS) of nanofiller- and short fiber-reinforced polymer composites. Composites Science and Technology, 2014, 93, 106-113.	7.8	87
26	Volume strain measurements on CACO3/polypropylene particulate composites: The effect of particle size. Journal of Applied Polymer Science, 2004, 91, 925-935.	2.6	81
27	Chitin Nanofibrils in Poly(Lactic Acid) (PLA) Nanocomposites: Dispersion and Thermo-Mechanical Properties. International Journal of Molecular Sciences, 2019, 20, 504.	4.1	81
28	Poly(lactic acid) (PLA) Based Tear Resistant and Biodegradable Flexible Films by Blown Film Extrusion. Materials, 2018, 11, 148.	2.9	78
29	Effect of both uncoated and coated calcium carbonate on fracture toughness of HDPE/CaCO3 nanocomposites. Journal of Applied Polymer Science, 2007, 104, 3688-3694.	2.6	76
30	Compatibilization and property enhancement of poly(lactic acid)/polycarbonate blends through triacetin-mediated interchange reactions in the melt. Polymer, 2014, 55, 4498-4513.	3.8	75
31	Rubber toughening of plastics. Journal of Materials Science, 1989, 24, 2255-2261.	3.7	72
32	Cultural Heritage Documentation and Conservation: Three-Dimensional (3D) Laser Scanning and Geographical Information System (GIS) Techniques for Thematic Mapping of Facade Stonework of St. Nicholas Church (Pisa, Italy). International Journal of Architectural Heritage, 2016, 10, 9-19.	3.1	71
33	Evaluation of Mechanical and Interfacial Properties of Bio-Composites Based on Poly(Lactic Acid) with Natural Cellulose Fibers. International Journal of Molecular Sciences, 2019, 20, 960.	4.1	71
34	Chitin Nanofibrils and Nanolignin as Functional Agents in Skin Regeneration. International Journal of Molecular Sciences, 2019, 20, 2669.	4.1	70
35	Rigid filler toughening in PLA-Calcium Carbonate composites: Effect of particle surface treatment and matrix plasticization. European Polymer Journal, 2019, 113, 78-88.	5.4	70
36	A micromechanical model for multiple crazing in high impact polystyrene. Mechanics of Materials, 2001, 33, 155-175.	3.2	64

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37	Thermo-Mechanical Properties of PLA/Short Flax Fiber Biocomposites. Applied Sciences (Switzerland), 2019, 9, 3797.	2.5	63
38	Processability and Degradability of PHA-Based Composites in Terrestrial Environments. International Journal of Molecular Sciences, 2019, 20, 284.	4.1	63
39	Processing and Validation of Whey-Protein-Coated Films and Laminates at Semi-Industrial Scale as Novel Recyclable Food Packaging Materials with Excellent Barrier Properties. Advances in Materials Science and Engineering, 2013, 2013, 1-10.	1.8	62
40	Biocomposites based on lignin and plasticized poly(<scp>L</scp>â€lactic acid). Journal of Applied Polymer Science, 2013, 129, 202-214.	2.6	59
41	Pullulan for Advanced Sustainable Body- and Skin-Contact Applications. Journal of Functional Biomaterials, 2020, 11, 20.	4.4	58
42	New Bio-Composites Based on Polyhydroxyalkanoates and Posidonia oceanica Fibres for Applications in a Marine Environment. Materials, 2017, 10, 326.	2.9	57
43	Ventilatory and ECMO treatment of H1N1-induced severe respiratory failure: results of an Italian referral ECMO center. BMC Pulmonary Medicine, 2011, 11, 2.	2.0	53
44	Cosmetic Packaging to Save the Environment: Future Perspectives. Cosmetics, 2019, 6, 26.	3.3	53
45	Cellulose-based fiber spinning processes using ionic liquids. Cellulose, 2022, 29, 3079-3129.	4.9	47
46	Cellulose Acetate Blends - Effect of Plasticizers on Properties and Biodegradability. Journal of Renewable Materials, 2014, 2, 35-41.	2.2	45
47	Poly(lactic acid) (PLA)/Poly(butylene succinate-co-adipate) (PBSA) Compatibilized Binary Biobased Blends: Melt Fluidity, Morphological, Thermo-Mechanical and Micromechanical Analysis. Polymers, 2021, 13, 218.	4.5	45
48	A proposal to modify the Kelly-Tyson equation to calculate the interfacial shear strength (IFSS) of composites with low aspect ratio fibers. Composites Science and Technology, 2020, 186, 107920.	7.8	44
49	Characterization of the Arundo Donax L. solid residue from hydrothermal conversion: Comparison with technical lignins and application perspectives. Industrial Crops and Products, 2015, 76, 1008-1024.	5.2	43
50	Deformation, yield and fracture of elastomer-modified polypropylene. Journal of Applied Polymer Science, 2003, 90, 3767-3779.	2.6	42
51	Electrosprayed Chitin Nanofibril/Electrospun Polyhydroxyalkanoate Fiber Mesh as Functional Nonwoven for Skin Application. Journal of Functional Biomaterials, 2020, 11, 62.	4.4	42
52	Effects of waviness on fiber-length distribution and interfacial shear strength of natural fibers reinforced composites. Composites Science and Technology, 2017, 152, 129-138.	7.8	41
53	Novel Sustainable Composites Based on Poly(hydroxybutyrate-co-hydroxyvalerate) and Seagrass Beach-CAST Fibers: Performance and Degradability in Marine Environments. Materials, 2018, 11, 772.	2.9	41
54	Flat Die Extruded Biocompatible Poly(Lactic Acid) (PLA)/Poly(Butylene Succinate) (PBS) Based Films. Polymers, 2019, 11, 1857.	4.5	41

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55	Fracture mechanism under dynamic loading of elastomer-modified polypropylene. Materials Letters, 2003, 57, 2733-2741.	2.6	40
56	Chitosan and nano-structured chitin for biobased anti-microbial treatments onto cellulose based materials. European Polymer Journal, 2019, 113, 328-339.	5.4	39
57	On the use of dynamic mechanical thermal analysis (DMTA) for measuring glass transition temperature of polymer matrix fibre reinforced composites. Journal of Materials Science, 2006, 41, 6072-6076.	3.7	37
58	Physicoâ€Mechanical Properties of Biodegradable Rubber Toughened Polymers. Macromolecular Symposia, 2011, 301, 82-89.	0.7	36
59	A study on the dependence of structure of multi-walled carbon nanotubes on acid treatment. Journal of Nanostructure in Chemistry, 2015, 5, 287-293.	9.1	36
60	Sustainable Micro and Nano Additives for Controlling the Migration of a Biobased Plasticizer from PLA-Based Flexible Films. Polymers, 2020, 12, 1366.	4.5	36
61	Properties and Skin Compatibility of Films Based on Poly(Lactic Acid) (PLA) Bionanocomposites Incorporating Chitin Nanofibrils (CN). Journal of Functional Biomaterials, 2020, 11, 21.	4.4	36
62	Optimizing the lignin based synthesis of flexible polyurethane foams employing reactive liquefying agents. Polymer International, 2015, 64, 1235-1244.	3.1	35
63	Ramie fibers in a comparison between chemical and microbiological retting proposed for application in biocomposites. Industrial Crops and Products, 2015, 75, 178-184.	5.2	35
64	Thermal, Mechanical and Micromechanical Analysis of PLA/PBAT/POE-g-GMA Extruded Ternary Blends. Frontiers in Materials, 2020, 7, .	2.4	35
65	Electrospun ZnO/Poly(Vinylidene Fluoride-Trifluoroethylene) Scaffolds for Lung Tissue Engineering. Tissue Engineering - Part A, 2020, 26, 1312-1331.	3.1	34
66	SNR enhancement of Raman-based long-range distributed temperature sensors using cyclic Simplex codes. Electronics Letters, 2010, 46, 1221.	1.0	33
67	Recyclability of PET/WPI/PE Multilayer Films by Removal of Whey Protein Isolate-Based Coatings with Enzymatic Detergents. Materials, 2016, 9, 473.	2.9	33
68	Reactively extruded ecocomposites based on poly(lactic acid)/bisphenol A polycarbonate blends reinforced with regenerated cellulose microfibers. Composites Science and Technology, 2017, 139, 127-137.	7.8	31
69	Thermal Properties of Plasticized Poly (Lactic Acid) (PLA) Containing Nucleating Agent. International Journal of Chemical Engineering and Applications (IJCEA), 2016, 7, 85-88.	0.3	30
70	The decoration of multi-walled carbon nanotubes with nickel oxide nanoparticles using chemical method. International Nano Letters, 2016, 6, 183-190.	5.0	29
71	Processing and mechanical performances of Poly(Butylene Succinateâ€“coâ€“Adipate) (PBSA) and raw hydrolyzed collagen (HC) thermoplastic blends. Polymer Testing, 2019, 77, 105900.	4.8	29
72	Thermal, Mechanical, and Rheological Properties of Biocomposites Made of Poly(lactic acid) and Potato Pulp Powder. International Journal of Molecular Sciences, 2019, 20, 675.	4.1	29

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73	Fracture behaviour of isotactic polypropylene under static loading condition. Materials & Design, 2003, 24, 105-109.	5.1	28
74	Lithium niobate nanoparticles as biofunctional interface material for inner ear devices. Biointerphases, 2020, 15, 031004.	1.6	28
75	Skin-Compatible Biobased Beauty Masks Prepared by Extrusion. Journal of Functional Biomaterials, 2020, 11, 23.	4.4	27
76	Utilization of coffee silverskin in the production of Poly(3-hydroxybutyrate-co-3-hydroxyvalerate) biopolymer-based thermoplastic biocomposites for food contact applications. Composites Part A: Applied Science and Manufacturing, 2021, 140, 106172.	7.6	27
77	Composition dependence of the synergistic effect of nucleating agent and plasticizer in poly(lactic) Tj ETQq1 1 0.784314 rgBT /Overlock	2.1	27
78	New Epoxy Resins Cured with Tetraaminophenyladamantane(TAPA). Macromolecular Chemistry and Physics, 2004, 205, 2089-2096.	2.2	26
79	Exploitation of Arundo donax L. Hydrolysis Residue for the Green Synthesis of Flexible Polyurethane Foams. BioResources, 2017, 12, .	1.0	26
80	Improvement of the PLA Crystallinity and Heat Distortion Temperature Optimizing the Content of Nucleating Agents and the Injection Molding Cycle Time. Polymers, 2022, 14, 977.	4.5	26
81	Improved Impact Properties in Poly(lactic acid) (PLA) Blends Containing Cellulose Acetate (CA) Prepared by Reactive Extrusion. Materials, 2019, 12, 270.	2.9	25
82	Thermal and Mechanical Properties of Biocomposites Made of Poly(3-hydroxybutyrate-co-3-hydroxyvalerate) and Potato Pulp Powder. Polymers, 2019, 11, 308.	4.5	25
83	Constrained Amorphous Interphase in Poly(<scp>l</scp>-lactic acid): Estimation of the Tensile Elastic Modulus. ACS Omega, 2020, 5, 20890-20902.	3.5	25
84	â€œGreenâ€•biocomposites based on cellulose diacetate and regenerated cellulose microfibers: Effect of plasticizer content on morphology and mechanical properties. Composites Part A: Applied Science and Manufacturing, 2012, 43, 2256-2268.	7.6	24
85	Design and Characterization of a Robotized Gearbox System Based on Voice Coil Actuators for a Formula SAE Race Car. IEEE/ASME Transactions on Mechatronics, 2013, 18, 53-61.	5.8	24
86	Thermal, Mechanical, Viscoelastic and Morphological Properties of Poly(lactic acid) based Biocomposites with Potato Pulp Powder Treated with Waxes. Materials, 2019, 12, 990.	2.9	24
87	Toughness of epoxies modified by preformed acrylic rubber particles. Makromolekulare Chemie Macromolecular Symposia, 1991, 41, 179-194.	0.6	23
88	Poly(lactic acid) plasticized with lowâ€•molecularâ€•weight polyesters: structural, thermal and biodegradability features. Polymer International, 2017, 66, 761-769.	3.1	23
89	Whey and molasses as inexpensive raw materials for parallel production of biohydrogen and polyesters via a two-stage bioprocess: New routes towards a circular bioeconomy. Journal of Biotechnology, 2019, 303, 37-45.	3.8	22
90	Evaluation of Mussel Shells Powder as Reinforcement for PLA-Based Biocomposites. International Journal of Molecular Sciences, 2020, 21, 5364.	4.1	22

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91	Preparation of Innovative Skin Compatible Films to Release Polysaccharides for Biobased Beauty Masks. Cosmetics, 2018, 5, 70.	3.3	22
92	Photofermentative Poly-3-Hydroxybutyrate Production by Rhodopseudomonas sp. S16-VOGS3 in a Novel Outdoor 70-L Photobioreactor. Sustainability, 2018, 10, 3133.	3.2	21
93	Intelligent non-colorimetric indicators for the perishable supply chain by non-wovens with photo-programmed thermal response. Nature Communications, 2020, 11, 5991.	12.8	21
94	Electric field induced alignment of graphene oxide nanoplatelets in polyethersulfone matrix. Nanotechnology, 2020, 31, 155701.	2.6	20
95	Study on the preferential distribution of acetyl tributyl citrate in poly(lactic) acid-poly(butylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10	4.8	20
96	Monomers, Materials and Energy from Coffee By-Products: A Review. Sustainability, 2021, 13, 6921.	3.2	20
97	The Role of Interfacial Interactions in the Toughening of Precipitated Calcium Carbonateâ€“Polypropylene Nanocomposites. Composite Interfaces, 2010, 17, 533-549.	2.3	19
98	Structure and surface coverage of water-based stearate coatings on calcium carbonate nanoparticles. Journal of Colloid and Interface Science, 2011, 362, 67-73.	9.4	18
99	On the Use of Biobased Waxes to Tune Thermal and Mechanical Properties of Polyhydroxyalkanoatesâ€“Bran Biocomposites. Polymers, 2020, 12, 2615.	4.5	18
100	Thermoplastic Blends Based on Poly(Butylene Succinate-co-Adipate) and Different Collagen Hydrolysates from Tanning Industry: Iâ€”Processing and Thermo-mechanical Properties. Journal of Polymers and the Environment, 2021, 29, 392-403.	5.0	18
101	Biobased and Eco-Compatible Beauty Films Coated with Chitin Nanofibrils, Nanolignin and Vitamin E. Cosmetics, 2021, 8, 27.	3.3	18
102	Effect of Potato Pulp Filler on the Mechanical Properties and Water Vapor Transmission Rate of Thermoplastic WPI/PBS Blends. Polymer-Plastics Technology and Engineering, 2016, 55, 510-517.	1.9	17
103	Constrained Amorphous Interphase and Mechanical Properties of Poly(3-Hydroxybutyrate-co-3-Hydroxyvalerate). Frontiers in Chemistry, 2019, 7, 790.	3.6	17
104	Immiscible <scp>PHB/PB</scp><scp>S</scp> and <scp>PHB/PBSA</scp> blends: morphology, phase composition and modelling of elastic modulus. Polymer International, 2022, 71, 47-56.	3.1	17
105	Chitin Nanofibril Application in Tympanic Membrane Scaffolds to Modulate Inflammatory and Immune Response. Pharmaceutics, 2021, 13, 1440.	4.5	17
106	Liquid and Solid Functional Bio-Based Coatings. Polymers, 2021, 13, 3640.	4.5	17
107	FATIGUE AND FRACTURE IN POLYACETAL RESINS. Fatigue and Fracture of Engineering Materials and Structures, 1997, 20, 1207-1216.	3.4	16
108	Reactive compatibilization and fracture behavior in nylon 6/VLDPE blends. Journal of Applied Polymer Science, 1999, 74, 3455-3468.	2.6	16

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109	Simulation of the plastic behavior of amorphous glassy bis-phenol-A-polycarbonate. Journal of Chemical Physics, 2004, 121, 4941-4950.	3.0	16
110	Dilatational shear bands in rubber-modified isotactic polypropylene. Materials & Design, 2004, 25, 247-250.	5.1	16
111	Comparison of Precipitated Calcium Carbonate/Polylactic Acid and Halloysite/Polylactic Acid Nanocomposites. Journal of Nanomaterials, 2015, 2015, 1-11.	2.7	16
112	Processing Routes for the Preparation of Poly(Lactic Acid)/Cellulose-Nanowhisker Nanocomposites for Packaging Applications. Polymers and Polymer Composites, 2016, 24, 341-346.	1.9	16
113	Chain Extension of Poly(Lactic Acid) (PLA)â€“Based Blends and Composites Containing Bran with Biobased Compounds for Controlling Their Processability and Recyclability. Polymers, 2021, 13, 3050.	4.5	16
114	Rubber toughening of plastics Part XIII Dilatational yielding in PA6.6/EPR blends. Journal of Materials Science, 2000, 35, 427-435.	3.7	15
115	A study on the effect of carbon nanotube surface modification on mechanical and thermal properties of CNT/HDPE nanocomposite. Journal of Thermoplastic Composite Materials, 2021, 34, 203-220.	4.2	15
116	Effect of nucleating agents on the molar mass distribution and its correlation with the isothermal crystallization behavior of poly(<scp>L</scp>â€lactic acid). Journal of Applied Polymer Science, 2011, 122, 3528-3536.	2.6	14
117	Pore Size Distribution and Blend Composition Affect In Vitro Prevascularized Bone Matrix Formation on Poly(Vinyl Alcohol)/Gelatin Sponges. Macromolecular Materials and Engineering, 2017, 302, 1700300.	3.6	14
118	Electrosprayed Shrimp and Mushroom Nanochitins on Cellulose Tissue for Skin Contact Application. Molecules, 2021, 26, 4374.	3.8	14
119	Fracture behavior and mechanical, thermal, and rheological properties of biodegradable films extruded by flat die and calender. Journal of Polymer Science, 2020, 58, 3264-3282.	3.8	13
120	Preparation and Compatibilization of PBS/Whey Protein Isolate Based Blends. Molecules, 2020, 25, 3313.	3.8	13
121	Immunomodulatory Activity of Electrospun Polyhydroxyalkanoate Fiber Scaffolds Incorporating Olive Leaf Extract. Applied Sciences (Switzerland), 2021, 11, 4006.	2.5	13
122	Volume Change during Creep and Micromechanical Deformation Processes in PLAâ€“PBSA Binary Blends. Polymers, 2021, 13, 2379.	4.5	13
123	Analysis of the Damage Mechanism around the Crack Tip for Two Rubber-Toughened PLA-Based Blends. Polymers, 2021, 13, 4053.	4.5	13
124	Hydroxytyrosol rich-mixture from olive mill wastewater and production of green products by feeding Rhodopseudomonas sp. S16-FVPT5 with the residual effluent. Journal of Biotechnology, 2019, 295, 28-36.	3.8	12
125	Compatibilization of Poly(Lactic Acid) (PLA)/Plasticized Cellulose Acetate Extruded Blends through the Addition of Reactively Extruded Comb Copolymers. Molecules, 2021, 26, 2006.	3.8	12
126	Chitin nanofibrils in renewable materials for packaging and personal care applications. Advanced Materials Letters, 2019, 10, 425-430.	0.6	12

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127	Chitin Nanofibril-Nanolignin Complexes as Carriers of Functional Molecules for Skin Contact Applications. Nanomaterials, 2022, 12, 1295.	4.1	12
128	Hybrid PPâ€“EPRâ€“GF composites. Part 1 â€“ Deformation mechanisms. Plastics, Rubber and Composites, 2001, 30, 370-376.	2.0	11
129	Role of the interface on the deformation mechanism of glass fiber/polypropylene composites. Journal of Materials Science Letters, 2002, 21, 1007-1011.	0.5	11
130	Advanced cyclic coding technique for long-range Raman DTS systems with meter-scale spatial resolution over standard SMF. , 2011, , .		11
131	Preparation of Water Suspensions of Nanocalcite for Cultural Heritage Applications. Nanomaterials, 2018, 8, 254.	4.1	11
132	Silver Nanoparticle-Coated Polyhydroxyalkanoate Based Electrospun Fibers for Wound Dressing Applications. Materials, 2021, 14, 4907.	2.9	11
133	Recent Developments in the Modeling of Dilatational Yielding in Toughened Plastics. ACS Symposium Series, 2000, , 14-35.	0.5	10
134	Miniaturized high impedance surfaces with angular stability by using zirconium tin titanate substrates and convoluted FSS elements. Microwave and Optical Technology Letters, 2009, 51, 2753-2758.	1.4	10
135	Rosmarinic Acid and Ulvan from Terrestrial and Marine Sources in Anti-Microbial Bionanosystems and Biomaterials. Applied Sciences (Switzerland), 2021, 11, 9249.	2.5	10
136	Analysis, Development, and Scaling-Up of Poly(lactic acid) (PLA) Biocomposites with Hazelnuts Shell Powder (HSP). Polymers, 2021, 13, 4080.	4.5	9
137	Essential Work of Fracture and Evaluation of the Interfacial Adhesion of Plasticized PLA/PBSA Blends with the Addition of Wheat Bran By-Product. Polymers, 2022, 14, 615.	4.5	9
138	Ternary blends in the toughening of epoxy resins. Polymer Composites, 1987, 8, 141-148.	4.6	8
139	Inspecting adhesion and cohesion of protectives and consolidants in sandstones of architectural heritage by X-ray microscopy methods. Materials Characterization, 2019, 156, 109853.	4.4	8
140	Multifunctional Coatings for Robotic Implanted Device. International Journal of Molecular Sciences, 2019, 20, 5126.	4.1	8
141	Distribution depth of stone consolidants applied on-site: Analytical modelling with field and lab cross-validation. Construction and Building Materials, 2020, 259, 120394.	7.2	8
142	Effect of a Bio-Based Dispersing Aid (EinarÂ® 101) on PLA-ArbocelÂ® Biocomposites: Evaluation of the Interfacial Shear Stress on the Final Mechanical Properties. Biomolecules, 2020, 10, 1549.	4.0	7
143	Investigation of electric fieldâ€aligned edgeâ€oxidized graphene oxide nanoplatelets in polyethersulfone matrix in terms of pure water permeation and dye rejection. Polymers for Advanced Technologies, 2021, 32, 1531-1547.	3.2	7
144	A multinuclear solidâ€state magnetic resonance study of the interactions between the inorganic and organic coatings of BaSO₄ submicronic particles. Magnetic Resonance in Chemistry, 2008, 46, 52-57.	1.9	6

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145	Effect of ageing time on mechanical properties of plasticized poly(hydroxybutyrate) (PHB). AIP Conference Proceedings, 2014, , .	0.4	6
146	On the Use of Paper Sludge as Filler in Biocomposites for Injection Moulding. Materials, 2021, 14, 2688.	2.9	6
147	Dispersion of Micro Fibrillated Cellulose (MFC) in Poly(lactic acid) (PLA) from Lab-Scale to Semi-Industrial Processing Using Biobased Plasticizers as Dispersing Aids. Chemistry, 2021, 3, 896-915.	2.2	6
148	Studies of the corrosion protection of immersed metallic structures by sub-aquatic applications of epoxy coatings. Corrosion Science, 1993, 34, 1685-1696.	6.6	5
149	Effect of the Addition of Natural Rice Bran Oil on the Thermal, Mechanical, Morphological and Viscoelastic Properties of Poly(Lactic Acid). Sustainability, 2019, 11, 2783.	3.2	5
150	Overview of Agro-Food Waste and By-Products Valorization for Polymer Synthesis and Modification for Bio-Composite Production. Proceedings (mdpi), 2020, 69, .	0.2	5
151	OPTO-TECHNICAL MONITORING â€“ A STANDARDIZED METHODOLOGY TO ASSESS THE TREATMENT OF HISTORICAL STONE SURFACES. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-2, 945-952.	0.2	5
152	Physical-Mechanical and Thermal Properties of Polyethylene Toughened with Submicron BaSO4 Particles. Macromolecular Symposia, 2001, 169, 191-200.	0.7	4
153	A phase II study of intratumoral application of L19IL2/L19TNF in melanoma patients in clinical stage III or stage IV M1a with presence of injectable cutaneous and/or subcutaneous lesions.. Journal of Clinical Oncology, 2014, 32, TPS9103-TPS9103.	1.6	4
154	Fully Biobased Reactive Extrusion of Biocomposites Based on PLA Blends and Hazelnut Shell Powders (HSP). Chemistry, 2021, 3, 1464-1480.	2.2	4
155	Influence of Functional Bio-Based Coatings Including Chitin Nanofibrils or Polyphenols on Mechanical Properties of Paper Tissues. Polymers, 2022, 14, 2274.	4.5	4
156	Hybrid PPâ€“EPRâ€“GF composites. Part II: fracture mechanisms. Plastics, Rubber and Composites, 2003, 32, 439-444.	2.0	3
157	On the Role of Stearic Acid on the Surface Properties of Carbon Nanotubes. Particulate Science and Technology, 2014, 32, 554-559.	2.1	3
158	Design of a pilot-scale microwave heated chemical vapor infiltration plant: An innovative approach. Journal of the European Ceramic Society, 2021, 41, 3019-3029.	5.7	3
159	Influence of the constitutive characteristics of resins on the composite materials delamination. Engineering Fracture Mechanics, 1996, 55, 1001-1012.	4.3	2
160	Modeling and Development of a Microwave Heated Pilot Plant for the Production of SiC-Based Ceramic Matrix Composites. International Journal of Chemical Reactor Engineering, 2008, 6, .	1.1	2
161	An Innovative Device to Convert Olive Mill Wastewater into a Suitable Effluent for Feeding Purple Non-Sulfur Photosynthetic Bacteria. Resources, 2015, 4, 621-636.	3.5	2
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