

Gennaro Gentile

List of Publications by Year in descending order

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Version: 2024-02-01

151
papers

4,859
citations

126708

33
h-index

118652

62
g-index

162
all docs

162
docs citations

162
times ranked

5726
citing authors

#	ARTICLE	IF	CITATIONS
1	Review of pH sensing materials from macro- to nano-scale: Recent developments and examples of seawater applications. <i>Critical Reviews in Environmental Science and Technology</i> , 2022, 52, 979-1021.	6.6	23
2	Hierarchically porous hydrogels and aerogels based on reduced graphene oxide, montmorillonite and hyper-crosslinked resins for water and air remediation. <i>Chemical Engineering Journal</i> , 2022, 430, 133162.	6.6	32
3	Recyclable-by-design mono-material flexible packaging with high barrier properties realized through graphene hybrid coatings. <i>Resources, Conservation and Recycling</i> , 2022, 179, 106126.	5.3	19
4	Sustainable Cellulose-Aluminum-Plastic Composites from Beverage Cartons Scraps and Recycled Polyethylene. <i>Polymers</i> , 2022, 14, 807.	2.0	4
5	Hierarchical micro-to-macroporous silica nanoparticles obtained by their grafting with hyper-crosslinked resin. <i>Microporous and Mesoporous Materials</i> , 2022, 335, 111864.	2.2	12
6	Non-covalent small molecule partnership for redox-active films: Beyond polydopamine technology. <i>Journal of Colloid and Interface Science</i> , 2022, 624, 400-410.	5.0	3
7	Microfiber Contamination in Potable Water: Detection and Mitigation Using a Filtering Device. <i>Microplastics</i> , 2022, 1, 322-333.	1.6	7
8	Biobased furan-based epoxy/TiO ₂ nanocomposites for the preparation of coatings with improved chemical resistance. <i>Chemical Engineering Journal</i> , 2021, 406, 127107.	6.6	32
9	Mesoporous silica nanoparticles as carriers of active agents for smart anticorrosive organic coatings: a critical review. <i>Nanoscale</i> , 2021, 13, 9091-9111.	2.8	71
10	High Surface Area Mesoporous Silica Nanoparticles with Tunable Size in the Sub-Micrometer Regime: Insights on the Size and Porosity Control Mechanisms. <i>Molecules</i> , 2021, 26, 4247.	1.7	22
11	O/W Pickering Emulsions Stabilized with Cellulose Nanofibrils Produced through Different Mechanical Treatments. <i>Foods</i> , 2021, 10, 1886.	1.9	14
12	Amino-functionalized hyper-crosslinked resins for enhanced adsorption of carbon dioxide and polar dyes. <i>Chemical Engineering Journal</i> , 2021, 418, 129463.	6.6	44
13	Valorization and Mechanical Recycling of Heterogeneous Post-Consumer Polymer Waste through a Mechano-Chemical Process. <i>Polymers</i> , 2021, 13, 2783.	2.0	3
14	Comparison of biodegradable polyesters degradation behavior in sand. <i>Journal of Hazardous Materials</i> , 2021, 416, 126231.	6.5	27
15	Development and Performance Evaluation of a Filtration System for Washing Machines to Reduce Microfiber Release in Wastewater. <i>Water, Air, and Soil Pollution</i> , 2021, 232, 1.	1.1	6
16	Washing load influences the microplastic release from polyester fabrics by affecting wettability and mechanical stress. <i>Scientific Reports</i> , 2021, 11, 19479.	1.6	20
17	Polyvinylpyrrolidone/Montmorillonite/Zinc Oxide Bionanosystems Prepared by Spray Drying. <i>Journal of Nanoscience and Nanotechnology</i> , 2021, 21, 4830-4839.	0.9	1
18	Innovative Silver-Based Capping System for Mesoporous Silica Nanocarriers Able to Exploit a Twofold Anticorrosive Mechanism in Composite Polymer Coatings: Tailoring Benzotriazole Release and Capturing Chloride Ions. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 48141-48152.	4.0	11

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19	“The effect of the detergent on microfibre release during the washing process of polyester textiles”, 2021, .		1
20	Tuning of polyurethane foam mechanical and thermal properties using ball-milled cellulose. Carbohydrate Polymers, 2020, 231, 115772.	5.1	53
21	Cellular Uptake of Mildly Oxidized Nanographene for Drug-Delivery Applications. ACS Applied Nano Materials, 2020, 3, 428-439.	2.4	21
22	Environmental life cycle assessment of the recycling processes of waste plastics recovered by landfill mining. Waste Management, 2020, 118, 68-78.	3.7	21
23	Thermal and Fire Behavior of a Bio-Based Epoxy/Silica Hybrid Cured with Methyl Nadic Anhydride. Polymers, 2020, 12, 1661.	2.0	23
24	Hyper-Crosslinked Polymer Nanocomposites Containing Mesoporous Silica Nanoparticles with Enhanced Adsorption Towards Polar Dyes. Polymers, 2020, 12, 1388.	2.0	14
25	On the acid-responsive release of benzotriazole from engineered mesoporous silica nanoparticles for corrosion protection of metal surfaces. Journal of Cultural Heritage, 2020, 44, 317-324.	1.5	34
26	Structural Changes of TiO ₂ as a Result of Irradiation by E-Beam and X-Rays. Journal of Engineering Materials and Technology, Transactions of the ASME, 2020, 142, .	0.8	5
27	Modified Hyper-crosslinked Resins for Textile Wastewater Treatment. Springer Water, 2020, , 272-276.	0.2	0
28	Application of Ionizing Irradiation for Structure Modification of Nanomaterials. NATO Science for Peace and Security Series B: Physics and Biophysics, 2020, , 23-43.	0.2	0
29	Assessment of Microplastic Pollution in Sarno River. Springer Water, 2020, , 183-186.	0.2	0
30	A Technology Platform For the Sustainable Recovery and Advanced Use of Nanostructured Cellulose from Agri-Food Residues (PANACEA Project). , 2020, 69, .		0
31	Curing Behavior and Properties of Sustainable Furan-Based Epoxy/Anhydride Resins. Biomacromolecules, 2019, 20, 3831-3841.	2.6	25
32	All-cellulose Composites Based on Cotton Textile Woven Preforms. Fibers and Polymers, 2019, 20, 1243-1249.	1.1	6
33	A New Route for Low Pressure and Temperature CWAO: A PtRu/MoS ₂ _Hyper-Crosslinked Nanocomposite. Nanomaterials, 2019, 9, 1477.	1.9	5
34	Critical Factors for the Recycling of Different End-of-Life Materials: Wood Wastes, Automotive Shredded Residues, and Dismantled Wind Turbine Blades. Polymers, 2019, 11, 1604.	2.0	9
35	Design of functional textile coatings via non-conventional electrofluidodynamic processes. Journal of Colloid and Interface Science, 2019, 541, 367-375.	5.0	31
36	Quick liquid packaging: Encasing water silhouettes by three-dimensional polymer membranes. Science Advances, 2019, 5, eaat5189.	4.7	14

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37	Novel finishing treatments of polyamide fabrics by electrofluidodynamic process to reduce microplastic release during washings. <i>Polymer Degradation and Stability</i> , 2019, 165, 110-116.	2.7	56
38	A Robust Fungal Allomelanin Mimic: An Antioxidant and Potent \cdot Electron Donor with Free Radical Properties that can be Tuned by Ionic Liquids. <i>ChemPlusChem</i> , 2019, 84, 1331-1337.	1.3	24
39	Microporous Organic Polymer Nanocomposites for Adsorption Applications. , 2019, , 25-47.		1
40	High piezo-resistive performances of anisotropic composites realized by embedding rGO-based chitosan aerogels into open cell polyurethane foams. <i>Nanoscale</i> , 2019, 11, 8835-8844.	2.8	33
41	Recycling Polyethylene-Rich Plastic Waste from Landfill Reclamation: Toward an Enhanced Landfill-Mining Approach. <i>Polymers</i> , 2019, 11, 208.	2.0	37
42	Focus Point on Microplastic Pollution: Assessment, Effects and Mitigation Strategies. <i>European Physical Journal Plus</i> , 2019, 134, 1.	1.2	1
43	Humidity-Driven Mechanical and Electrical Response of Graphene/Cloisite Hybrid Films. <i>Advanced Functional Materials</i> , 2019, 29, 1807744.	7.8	46
44	Functional hyper-crosslinked resins with tailored adsorption properties for environmental applications. <i>Chemical Engineering Journal</i> , 2019, 362, 497-503.	6.6	34
45	Shape memory behavior of liquid-crystalline elastomer/graphene oxide nanocomposites. <i>Composites Science and Technology</i> , 2018, 159, 251-258.	3.8	32
46	Eco-Sustainable Finishing Treatment of Polyamide Fabrics to Reduce the Release of Microplastics During Washing Processes. <i>Springer Water</i> , 2018, , 219-222.	0.2	2
47	Poly(lactic acid)/Cellulose Composites Obtained from Modified Cotton Fibers by Successive Acid Hydrolysis. <i>Journal of Polymers and the Environment</i> , 2018, 26, 3149-3158.	2.4	14
48	Degradation of Biodegradable Plastic Buried in Sand. <i>Springer Water</i> , 2018, , 205-209.	0.2	0
49	Effect of the oxidation degree on self-assembly, adsorption and barrier properties of nano-graphene. <i>Microporous and Mesoporous Materials</i> , 2018, 260, 102-115.	2.2	32
50	Evaluation of microplastic release caused by textile washing processes of synthetic fabrics. <i>Environmental Pollution</i> , 2018, 236, 916-925.	3.7	439
51	Single fibres of pyro-electrospun PVDF-HFP/MWCNT unveil high electrical conductivity. <i>Polymer</i> , 2018, 159, 157-161.	1.8	5
52	Pectin based finishing to mitigate the impact of microplastics released by polyamide fabrics. <i>Carbohydrate Polymers</i> , 2018, 198, 175-180.	5.1	59
53	PLA-based plasticized nanocomposites: Effect of polymer/plasticizer/filler interactions on the time evolution of properties. <i>Composites Part B: Engineering</i> , 2018, 152, 267-274.	5.9	35
54	Quantification of microfibrils released during washing of synthetic clothes in real conditions and at lab scale. <i>European Physical Journal Plus</i> , 2018, 133, 1.	1.2	29

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55	Effect of Microfibrillated Cellulose on Microstructure and Properties of Poly(vinyl alcohol) Foams. <i>Polymers</i> , 2018, 10, 813.	2.0	14
56	Synthesis and adsorption study of hyper-crosslinked styrene-based nanocomposites containing multi-walled carbon nanotubes. <i>RSC Advances</i> , 2017, 7, 6865-6874.	1.7	31
57	Patterning of perovskite "polymer films by wrinkling instabilities. <i>Soft Matter</i> , 2017, 13, 1654-1659.	1.2	12
58	Polypropylene-based composites reinforced with textile wastes. <i>Journal of Applied Polymer Science</i> , 2017, 134, 45060.	1.3	30
59	Role of silica nanoparticles on network formation and properties in thermoset polycarbonate based nanocomposites. <i>Polymer Testing</i> , 2017, 60, 388-395.	2.3	8
60	A Versatile Synthetic Approach toward Hyper-Cross-Linked Styrene-Based Polymers and Nanocomposites. <i>Macromolecules</i> , 2017, 50, 4132-4143.	2.2	42
61	Thermally-triggered free-standing shape-memory actuators. <i>European Polymer Journal</i> , 2017, 97, 241-252.	2.6	29
62	Synthesis and Characterization of Liquid-Crystalline Networks: Toward Autonomous Shape-Memory Actuation. <i>Journal of Physical Chemistry C</i> , 2017, 121, 22403-22414.	1.5	26
63	Chitosan hydrogels embedding hyper-crosslinked polymer particles as reusable broad-spectrum adsorbents for dye removal. <i>Carbohydrate Polymers</i> , 2017, 177, 347-354.	5.1	93
64	Synthesis and characterization of nanocomposites based on PANI and carbon nanostructures prepared by electropolymerization. <i>Materials Chemistry and Physics</i> , 2017, 185, 83-90.	2.0	25
65	Capillary methacrylate-based monoliths by grafting from/to \hat{I}^3 -ray polymerization on a tentacle-type reactive surface for the liquid chromatographic separations of small molecules and intact proteins. <i>Journal of Chromatography A</i> , 2017, 1498, 46-55.	1.8	15
66	Microporous Hyper-Crosslinked Polystyrenes and Nanocomposites with High Adsorption Properties: A Review. <i>Polymers</i> , 2017, 9, 651.	2.0	71
67	Topical treatment of experimental cutaneous leishmaniasis in golden hamster (<i>Mesocricetus auratus</i>) with formulations containing pentamidine. <i>Acta Amazonica</i> , 2017, 47, 39-46.	0.3	3
68	Multinanosensors Based on MWCNTs and Biopolymer Matrix - Production and Characterization. <i>Acta Physica Polonica A</i> , 2017, 132, 1251-1255.	0.2	4
69	Nanoscaled hydrated antimony (V) oxide as a new approach to first-line antileishmanial drugs. <i>International Journal of Nanomedicine</i> , 2016, Volume 11, 6771-6780.	3.3	14
70	Double percolation of multiwalled carbon nanotubes in polystyrene/polylactic acid blends. <i>Polymer</i> , 2016, 99, 193-203.	1.8	53
71	Down shifting in poly(vinyl alcohol) gels doped with terbium complex. <i>Journal of Colloid and Interface Science</i> , 2016, 477, 34-39.	5.0	11
72	Pure titanium particle loaded nanocomposites: study on the polymer/filler interface and hMSC biocompatibility. <i>Journal of Materials Science: Materials in Medicine</i> , 2016, 27, 153.	1.7	8

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73	Controlled Actuation of a Carbon Nanotube/Epoxy Shape-Memory Liquid Crystalline Elastomer. <i>Journal of Physical Chemistry C</i> , 2016, 120, 24417-24426.	1.5	31
74	Nanoscale Disassembly and Free Radical Reorganization of Polydopamine in Ionic Liquids. <i>Journal of Physical Chemistry B</i> , 2016, 120, 11942-11950.	1.2	15
75	Shape-memory effect of nanocomposites based on liquid-crystalline elastomers. <i>AIP Conference Proceedings</i> , 2016, , .	0.3	0
76	Hyper-crosslinked resins filled with multiwalled carbon nanotubes. <i>AIP Conference Proceedings</i> , 2016, , .	0.3	0
77	A multi-analytical study of ancient Nubian detached mural paintings. <i>Microchemical Journal</i> , 2016, 124, 719-725.	2.3	8
78	Functionalization and Characterization of MWCNT Produced by Different Methods (<i>Acta Physica</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.2	1
79	Functionalization and Characterization of MWCNT Produced by Different Methods. <i>Acta Physica Polonica A</i> , 2016, 129, 405-408.	0.2	23
80	Unilateral NMR investigation of multifunctional treatments on stones based on colloidal inorganic and organic nanoparticles. <i>Magnetic Resonance in Chemistry</i> , 2015, 53, 64-77.	1.1	14
81	Polymer nanocomposites: functionalisation of the nanofiller and control of the interface. <i>Advances in Materials and Processing Technologies</i> , 2015, 1, 423-434.	0.8	1
82	Amorphized cellulose as filler in biocomposites based on poly(ϵ -caprolactone). <i>Carbohydrate Polymers</i> , 2015, 118, 170-182.	5.1	48
83	Characterization of Nanoscaled TiO ₂ Produced by Simplified Solâ€“Gel Method Using Organometallic Precursor. <i>Journal of Engineering Materials and Technology, Transactions of the ASME</i> , 2015, 137, .	0.8	6
84	Effect of cellulose structure and morphology on the properties of poly(butylene Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302 Td (succinate	5.1	32
85	Plasticization of poly(lactic acid) through blending with oligomers of lactic acid: Effect of the physical aging on properties. <i>European Polymer Journal</i> , 2015, 66, 533-542.	2.6	64
86	Peculiarities in the structure â€“ Properties relationship of epoxy-silica hybrids with highly organic siloxane domains. <i>Polymer</i> , 2015, 63, 222-229.	1.8	32
87	Rational design of nanoparticle/monomer interfaces: a combined computational and experimental study of in situ polymerization of silica based nanocomposites. <i>RSC Advances</i> , 2015, 5, 71336-71340.	1.7	20
88	Epoxy elastomers reinforced with functionalized multi-walled carbon nanotubes as stimuli-responsive shape memory materials. , 2014, , .		1
89	Influence of melt annealing on rheological and electrical properties of compatibilized multiwalled carbon nanotubes in polypropylene. , 2014, , .		0
90	Effect of physical ageing on properties of PLA plasticized with oligomeric esters of lactic acid. , 2014, , .		1

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91	Up-cycling end-of-use materials: Highly filled thermoplastic composites obtained by loading waste carbon fiber composite into fluidified recycled polystyrene. <i>Polymer Composites</i> , 2014, 35, 1621-1628.	2.3	15
92	Hybrid ferroelectric-polymer microfluidic device for dielectrophoretic self-assembly of nanoparticles. <i>RSC Advances</i> , 2014, 4, 2851-2857.	1.7	29
93	Pros and cons of melt annealing on the properties of MWCNT/polypropylene composites. <i>Polymer Degradation and Stability</i> , 2014, 110, 56-64.	2.7	18
94	Artificial Melanin: Highly Light-Absorbing Nano-Sized Eumelanin by Biomimetic Synthesis in Chicken Egg White. <i>Biomacromolecules</i> , 2014, 15, 3811-3816.	2.6	30
95	Atypical Structural and Electronic Features of a Melanin Polymer That Lead to Superior Free Radical Scavenging Properties. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 12684-12687.	7.2	284
96	Silicon-Filled Rectangular Waveguides and Frequency Scanning Antennas for mm-Wave Integrated Systems. <i>IEEE Transactions on Antennas and Propagation</i> , 2013, 61, 5893-5901.	3.1	32
97	Polymer-filler interactions in PET/CaCO ₃ nanocomposites: Chain ordering at the interface and physical properties. <i>European Polymer Journal</i> , 2013, 49, 419-427.	2.6	42
98	Microstructure and olfactory quality of apples de-hydrated by innovative technologies. <i>Journal of Food Engineering</i> , 2013, 116, 689-694.	2.7	23
99	Thermoreversible luminescent organogels doped with Eu(TTA) ₃ phen complex. <i>Journal of Colloid and Interface Science</i> , 2013, 398, 95-102.	5.0	9
100	Spontaneous Assembly of Carbon-Based Chains in Polymer Matrixes through Surface Charge Templates. <i>Langmuir</i> , 2013, 29, 15503-15510.	1.6	18
101	Non-invasive NMR stratigraphy of a multi-layered artefact: an ancient detached mural painting. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 8669-8675.	1.9	14
102	Unilateral NMR: a Noninvasive Tool for Monitoring In Situ the Effectiveness of Intervention to Reduce the Capillary Rise of Water in an Ancient Deteriorated Wall Painting. <i>International Journal of Spectroscopy</i> , 2012, 2012, 1-10.	1.4	8
103	Polyvinyl alcohol biodegradable foams containing cellulose fibres. <i>Journal of Cellular Plastics</i> , 2012, 48, 459-470.	1.2	32
104	Preparation and luminescence properties of organogel doped with Eu(TTA) ₃ phen complex. , 2012, , .		0
105	Functionalization and Compatibilization of Poly(ϵ -caprolactone) Composites with Cellulose Microfibrils: Morphology, Thermal and Mechanical Properties. <i>Macromolecular Materials and Engineering</i> , 2012, 297, 985-993.	1.7	25
106	Isothermal and nonisothermal crystallization of HDPE composites containing multilayer carton scraps as filler. <i>Journal of Applied Polymer Science</i> , 2012, 125, 3880-3887.	1.3	11
107	A multitechnique approach to assess the effect of ball milling on cellulose. <i>Carbohydrate Polymers</i> , 2012, 87, 265-273.	5.1	173
108	Multiwalled carbon nanotubes functionalized with maleated poly(propylene) by a dry mechano-chemical process. <i>Polymer</i> , 2012, 53, 291-299.	1.8	35

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109	Probing the effect of high energy ball milling on PVC through a multitechnique approach. <i>Polymer Testing</i> , 2012, 31, 176-181.	2.3	15
110	Millimeter-wave integrated waveguides on silicon. , 2011, , .		6
111	PCL/MWCNT Nanocomposites as Nanosensors. <i>NATO Science for Peace and Security Series B: Physics and Biophysics</i> , 2011, , 149-154.	0.2	1
112	A melanin-inspired pro-oxidant system for dopa(mine) polymerization: mimicking the natural casing process. <i>Chemical Communications</i> , 2011, 47, 10308.	2.2	30
113	Nanotechnologies and Nanosensors: Future Applications for the Conservation of Cultural Heritage. <i>NATO Science for Peace and Security Series B: Physics and Biophysics</i> , 2011, , 511-517.	0.2	2
114	Low formaldehyde emission particleboard panels realized through a new acrylic binder. <i>Journal of Applied Polymer Science</i> , 2011, 122, 2779-2788.	1.3	22
115	Poly(vinyl chloride)/CaCO ₃ nanocomposites: Influence of surface treatments on the properties. <i>Journal of Applied Polymer Science</i> , 2011, 122, 3590-3598.	1.3	22
116	Nanocomposite Sensors for Food Packaging. <i>NATO Science for Peace and Security Series B: Physics and Biophysics</i> , 2011, , 501-510.	0.2	4
117	Effect of compatibilization on thermal degradation kinetics of HDPE-based composites containing cellulose reinforcements. <i>Journal of Thermal Analysis and Calorimetry</i> , 2010, 102, 975-982.	2.0	30
118	Synthesis and characterization of poly(methylmethacrylate)/silica nanocomposites: Study of the interphase by solid-state NMR and structure/properties relationships. <i>Journal of Polymer Science Part A</i> , 2010, 48, 5618-5629.	2.5	38
119	Reuse of natural fiber reinforced eco-composites in polymer mortars. <i>Polymer Engineering and Science</i> , 2010, 50, 762-766.	1.5	18
120	PVC-CaCO ₃ Nanocomposites: Influence of nanoparticle surface treatment on properties. , 2010, , .		1
121	Silicon Filled Integrated Waveguides. <i>IEEE Microwave and Wireless Components Letters</i> , 2010, 20, 536-538.	2.0	7
122	Utilization of Recycled Polypropylene for Production of Eco-Composites. <i>Polymer-Plastics Technology and Engineering</i> , 2009, 48, 1113-1120.	1.9	13
123	Poly(hydroxybutyrate-co-hydroxyvalerate)/titanium dioxide nanocomposites: A degradation study. <i>Journal of Applied Polymer Science</i> , 2009, 114, 3118-3124.	1.3	40
124	Recycled multilayer cartons as cellulose source in HDPE-based composites: Compatibilization and structure-properties relationships. <i>Journal of Applied Polymer Science</i> , 2009, 114, 2978-2985.	1.3	22
125	Eco-Challenges of Bio-Based Polymer Composites. <i>Materials</i> , 2009, 2, 911-925.	1.3	144
126	Recycling of polypropylene-based eco-composites. <i>Polymer International</i> , 2008, 57, 1252-1257.	1.6	43

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127	Poly(lactic acid)-based biocomposites reinforced with kenaf fibers. <i>Journal of Applied Polymer Science</i> , 2008, 108, 3542-3551.	1.3	132
128	PMMA Based Nanocomposites Filled with Modified CaCO ₃ Nanoparticles. <i>Macromolecular Symposia</i> , 2007, 247, 140-146.	0.4	28
129	Poly(3-hydroxybutyrate-co-3-hydroxyvalerate)-based biocomposites reinforced with kenaf fibers. <i>Journal of Applied Polymer Science</i> , 2007, 104, 3192-3200.	1.3	99
130	Innovative packaging for minimally processed fruits. <i>Packaging Technology and Science</i> , 2007, 20, 325-335.	1.3	45
131	Natural fiber eco-composites. <i>Polymer Composites</i> , 2007, 28, 98-107.	2.3	414
132	Nonisothermal crystallization kinetics of kenaf fiber/polypropylene composites. <i>Polymer Engineering and Science</i> , 2007, 47, 745-749.	1.5	30
133	Crystallization behavior of poly(hydroxybutyrate-co-valerate) in model and bulk PHBV/kenaf fiber composites. <i>Journal of Materials Science</i> , 2007, 42, 6501-6509.	1.7	60
134	iPP Based Nanocomposites Filled with Calcium Carbonate Nanoparticles: Structure/Properties Relationships. <i>Macromolecular Symposia</i> , 2006, 234, 156-162.	0.4	35
135	Nylon Based Nanocomposites: Influence of Calcium Carbonate Nanoparticles on the Thermal Stability. <i>Macromolecular Symposia</i> , 2006, 234, 163-169.	0.4	15
136	Water dispersed polymers for textile conservation: a molecular, thermal, structural, mechanical and optical characterisation. <i>Journal of Cultural Heritage</i> , 2006, 7, 236-243.	1.5	16
137	Synthesis and mechanical characterisation of cellulose based textiles grafted with acrylic monomers. <i>European Polymer Journal</i> , 2006, 42, 51-60.	2.6	47
138	Nucleation activity of nanosized CaCO ₃ on crystallization of isotactic polypropylene, in dependence on crystal modification, particle shape, and coating. <i>European Polymer Journal</i> , 2006, 42, 1548-1557.	2.6	101
139	Nylon 6/Calcium Carbonate Nanocomposites: Characterization and Properties. <i>Macromolecular Symposia</i> , 2006, 234, 170-175.	0.4	28
140	Rice straw as an alternative reinforcement in polypropylene composites. <i>Agronomy for Sustainable Development</i> , 2006, 26, 251-255.	2.2	31
141	In situ Polymerisation of Urethane-Urea Copolymers for Tuff Consolidation. <i>Macromolecular Symposia</i> , 2005, 228, 245-254.	0.4	6
142	Synthesis of poly(urethane urea) by in situ polymerization inside stone. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2005, 43, 542-552.	2.4	7
143	Polymers for the Conservation of Cultural Heritage. <i>ACS Symposium Series</i> , 2005, , 370-390.	0.5	3
144	Uniaxial Tensile Properties of Yarns: Effects of Moisture Level on the Shape of Stress-Strain Curves. <i>Textile Research Journal</i> , 2004, 74, 1001-1006.	1.1	15

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145	Acrylic and Acetovinylic Polymers for Preserving and Restoring Cotton Textiles. Textile Reseach Journal, 2004, 74, 281-291.	1.1	2
146	Effects of Nd:YAG (532Ånm) laser radiation on "clean" cotton. Applied Physics A: Materials Science and Processing, 2004, 79, 331-333.	1.1	12
147	Polyacrylates for conservation: chemico-physical properties and durability of different commercial products. Polymer Testing, 2004, 23, 333-342.	2.3	44
148	Physical and Chemical Characterization of Cellulose Based Textiles Modified by Periodate Oxidation. Macromolecular Symposia, 2001, 169, 343-352.	0.4	6
149	Water-dispersed polymers for the conservation and restoration of Cultural Heritage: a molecular, thermal, structural and mechanical characterisation. Polymer Testing, 2001, 20, 227-240.	2.3	29
150	Novel poly(etheraroylhydrazides). An example of "conformationally disordered crystalline" polymers. Journal of Polymer Science, Part B: Polymer Physics, 1999, 37, 1687-1701.	2.4	2
151	Linear poly(etheraroylhydrazides): A correlation between number of methylene sequences and reticular structure. Journal of Polymer Science, Part B: Polymer Physics, 1997, 35, 2193-2194.	2.4	1