Geoffrey R Mitchell

List of Publications by Year
in descending order

163 papers	3,279 citations	147566 31 h-index	189595 50 g-index
164 all docs	164 docs citations	164 times ranked	3253 citing authors

#	Article	IF	Citations
1	Molecular correlation in thermotropic copolyesters. Faraday Discussions of the Chemical Society, 1985, 79, 55.	2.2	189
2	Biomaterials for In Situ Tissue Regeneration: A Review. Biomolecules, 2019, 9, 750.	1.8	138
3	Photo-induced phase transitions in azobenzene-doped liquid crystals. Journal Physics D: Applied Physics, 1992, 25, 492-499.	1.3	102
4	Assessing the impact of nano- and micro-scale zerovalent iron particles on soil microbial activities: Particle reactivity interferes with assay conditions and interpretation of genuine microbial effects. Chemosphere, 2011, 82, 1675-1682.	4.2	100
5	Strain-induced transitions in liquid-crystal elastomers. Physical Review Letters, 1993, 71, 2947-2950.	2.9	97
6	Molecular organisation of electrochemically prepared conducting polypyrrole films. Journal Physics D: Applied Physics, 1987, 20, 1346-1353.	1.3	95
7	Anisotropic Crystallization in Polypropylene Induced by Deformation of a Nucleating Agent Network. Macromolecules, 2003, 36, 4898-4906.	2.2	86
8	Development of orientation during electrospinning of fibres of poly(Îµ-caprolactone). European Polymer Journal, 2010, 46, 1175-1183.	2.6	80
9	Multiâ€responsive hydrogels based on Nâ€isopropylacrylamide and sodium alginate. Polymer International, 2011, 60, 222-233.	1.6	80
10	Nanoscale zerovalent iron alters soil bacterial community structure and inhibits chloroaromatic biodegradation potential in Aroclor 1242-contaminated soil. Environmental Pollution, 2013, 173, 38-46.	3.7	75
11	A comparison of photoinduced poling and thermal poling of azoâ€dyeâ€doped polymer films for second order nonlinear optical applications. Applied Physics Letters, 1993, 63, 2038-2040.	1.5	69
12	The development of organized structures in polyethylene crystallized from a sheared melt, analyzed by WAXS and TEM. Polymer, 1999, 40, 2769-2777.	1.8	65
13	Personalized Reusable Face Masks with Smart Nanoâ€Assisted Destruction of Pathogens for COVIDâ€19: A Visionary Road. Chemistry - A European Journal, 2021, 27, 6112-6130.	1.7	63
14	Wide-angle X-ray scattering study of structural parameters in non-crystalline polymers. Faraday Discussions of the Chemical Society, 1979, 68, 46.	2.2	61
15	Colloidal gas aphrons (CGA): Dispersion and structural features. AICHE Journal, 2000, 46, 24-36.	1.8	60
16	Structure property relationships in polyethylene/montmorillonite nanodielectrics. IEEE Transactions on Dielectrics and Electrical Insulation, 2008, 15, 134-143.	1.8	57
17	Thermotropic liquid crystalline polymer (Rodrun LC5000)/polypropylene in situ composite films: rheology, morphology, molecular orientation and tensile properties. Polymer, 2003, 44, 3407-3415.	1.8	55
18	Fabrication of Poly(<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML") Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 72 Td (id="I Scaffolds Reinforced with Cellulose Nanofibers, with and without the Addition of Hydroxyapatite Nanoparticles. BioMed Research International, 2016, 2016, 1-10.	0.9	53

#	Article	IF	Citations
19	Structural analysis of an oriented liquid crystalline copolyester. Polymer, 1982, 23, 1269-1272.	1.8	51
20	Diffraction from thermotropic copolyester molecules. Colloid and Polymer Science, 1985, 263, 230-244.	1.0	50
21	Conformational analysis of oriented non-crystalline polymers using wide angle X-ray scattering. Colloid and Polymer Science, 1982, 260, 754-761.	1.0	45
22	The local structure of molten polyethylene. Polymer, 1982, 23, 1273-1285.	1.8	42
23	Role of Anisotropy in Tissue Engineering. Procedia Engineering, 2013, 59, 117-125.	1.2	40
24	Liquid crystal elastomers: controlled crosslinking in the liquid crystal phase. Polymer, 1996, 37, 1345-1351.	1.8	39
25	Electrospinning of food-grade nanofibres from whey protein. International Journal of Biological Macromolecules, 2018, 113, 764-773.	3.6	39
26	Synthesis and photochemistry of side-chain liquid crystal polymers based on cinnamate esters. Journal of Polymer Science Part A, 1992, 30, 1681-1691.	2.5	38
27	Effect of Hydrodynamic Forces on mesoâ€(4â€Sulfonatophenyl)â€Substituted Porphyrin Jâ€Aggregate Nanoparticles: Elasticity, Plasticity and Breaking. Chemistry - A European Journal, 2016, 22, 9740-9749.	1.7	37
28	Liquid crystalline elastomers: the relationship between macroscopic behaviour and the level of backbone anisotropy. Polymer, 2001, 42, 7063-7071.	1.8	36
29	Polymorphic Superelasticity in Semicrystalline Polymers. Angewandte Chemie - International Edition, 2007, 46, 4325-4328.	7.2	36
30	Neutron scattering study of electrically conducting films of polypyrrole. Journal of Physics C: Solid State Physics, 1988, 21, L411-L416.	1.5	33
31	Deformation of Stereoirregular Isotactic Polypropylene across Length Scales. Influence of Temperature. Macromolecules, 2017, 50, 2856-2870.	2.2	33
32	The effect of annealing on the local structure of glassy polycarbonate. Colloid and Polymer Science, 1985, 263, 280-285.	1.0	31
33	Liquid crystal elastomers: Synthesis and characterization. Journal of Polymer Science Part A, 1990, 28, 1455-1472.	2.5	31
34	Development of smart variable stiffness actuators using polymer hydrogels. Smart Materials and Structures, 2005, 14, 434-440.	1.8	31
35	Chiral Polymer-Carbon-Nanotube Composite Nanofibers. Advanced Materials, 2007, 19, 1079-1083.	11.1	30
36	Synthesis and characterization of thermally stable second-order nonlinear optical side-chain polyimides containing thiazole and benzothiazole pushâ€“pull chromophores. Optical Materials, 2009, 31, 817-825.	1.7	30

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37	In-situ time-resolving wide-angle X-ray scattering study of crystallization from sheared polyethylene melts. Polymer, 1996, 37, 4187-4191.	1.8	29
38	Chain extension in electrospun polystyrene fibres: a SANS study. Soft Matter, 2011, 7, 4397.	1.2	29
39	The structure of crystallisable copolymers of l-lactide, Îµ-caprolactone and glycolide. Polymer, 2005, 46, 6411-6428.	1.8	28
40	Directed Crystallisation of Synthetic Polymers by Low-Molar-Mass Self-Assembled Templates. Macromolecular Rapid Communications, 2003, 24, 496-502.	2.0	27
41	Extracting force fields for disordered polymeric materials from neutron scattering data. Polymer, 1996, 37, 1857-1870.	1.8	26
42	Cinnamate ester containing liquid crystalline side chain polymers. Journal of Polymer Science Part A, 1991, 29, 251-259.	2.5	25
43	Enhancing the crystallization and orientation of electrospinning poly (lactic acid) (PLLA) by combining with additives. Journal of Polymer Research, 2014, 21, 1.	1.2	25
44	Glassy poly(p-phenylene sulphide): determination of the local structure. Colloid and Polymer Science, 1983, 261, 110-120.	1.0	23
45	Development of highly oriented polymer crystals from row assemblies. Polymer, 2005, 46, 5615-5620.	1.8	23
46	Functionalized Coatings by Electrospinning for Anti-oxidant Food Packaging. Procedia Manufacturing, 2017, 12, 59-65.	1.9	23
47	Influence of molecular composition on the development of microstructure from sheared polyethylene melts: Molecular and lamellar templating. Polymer, 2006, 47, 5643-5656.	1.8	22
48	Electrospun supramolecular polymer fibres. European Polymer Journal, 2012, 48, 1249-1255.	2.6	21
49	Time-Resolving Study of Stress-Induced Transformations of Isotactic Polypropylene through Wide Angle X-ray Scattering Measurements. Polymers, 2018, 10, 162.	2.0	21
50	Development of novel 3D scaffolds using BioExtruder by varying the content of hydroxyapatite and silica in PCL matrix for bone tissue engineering. Journal of Polymer Research, 2020, 27, 1.	1.2	21
51	Localized room temperature photo-induced poling of azo-dye-doped polymer films for second-order nonlinear optical phenomena. Journal Physics D: Applied Physics, 1993, 26, 500-503.	1.3	20
52	Determination of orientation parameters in drawn films of thermotropic liquid crystalline polymer/polypropylene blends using WAXS. Polymer, 2003, 44, 5951-5959.	1.8	20
53	Shear Cell for In Situ WAXS, SAXS, and SANS Experiments on Polymer Melts Under Flow Fields. Journal of Macromolecular Science - Physics, 2004, 43, 1161-1170.	0.4	20
54	Pragmatic cluster randomised controlled trial of facilitated family case conferencing compared with usual care for improving end of life care and outcomes in nursing home residents with advanced dementia and their families: the IDEAL study protocol. BMC Palliative Care, 2015, 14, 63.	0.8	20

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55	Orientational behaviour of thermotropic and lyotropic liquid crystal polymer systems under shear flow. Europhysics Letters, 1998, 43, 296-301.	0.7	18
56	Time-resolved in situ X-ray scattering studies of aqueous hydroxypropylcellulose solutions. Polymer, 1996, 37, 893-901.	1.8	17
57	Side-chain liquid crystalline elastomers: the relationship between the orientational ordering of the polymer backbone and the length of the coupling chain. Polymer, 1999, 40, 5365-5370.	1.8	17
58	Structureâ€“property relationships in polyethylene based films obtained by blow molding as model system of industrial relevance. European Polymer Journal, 2015, 62, 97-107.	2.6	17
59	Sustainable Electrospinning of Nanoscale Fibres. Procedia Manufacturing, 2017, 12, 66-78.	1.9	17
60	The influence of molecular organisation on charge transport in electrochemically prepared polypyrrole films. Journal Physics D: Applied Physics, 1989, 22, 1231-1234.	1.3	16
61	The track nanotechnology. Radiation Measurements, 2009, 44, 1109-1113.	0.7	16
62	The potential of electrospinning in rapid manufacturing processes. Virtual and Physical Prototyping, 2011, 6, 63-77.	5.3	16
63	Rheological and thermal behaviour of poly(Nâ€isopropylacrylamide)/alginate smart polymeric networks. Polymer International, 2011, 60, 1398-1407.	1.6	16
64	The Use of a Low-Molar-Mass Self-Assembled Template to Direct the Crystallisation of Poly(É›-caprolactone). Macromolecular Rapid Communications, 2004, 25, 1365-1370.	2.0	15
65	Bioactive Electrospun Fibers of Poly(Îµ-Caprolactone) Incorporating Î±-Tocopherol for Food Packaging Applications. Molecules, 2021, 26, 5498.	1.7	15
66	Structure development in electrospun fibres of gelatin. Journal of Physics: Conference Series, 2009, 183, 012021.	0.3	14
67	Three Dimensional Picture of the Local Structure of 1,4-Polybutadiene from a Complete Atomistic Model and Neutron Scattering Data. Macromolecules, 2011, 44, 3140-3148.	2.2	14
68	The Local Conformation of Poly(dimethylsiloxane). Polymer Journal, 1984, 16, 351-357.	1.3	12
69	Electrodeposition of Chiral Polymerâ€“Carbon Nanotube Composite Films. ChemPhysChem, 2007, 8, 1766-1769.	1.0	12
70	Electro-active nanofibres electrospun from blends of poly-vinyl cinnamate and a cholesteric liquid crystalline silicone polymer. Journal of Materials Science, 2013, 48, 7613-7619.	1.7	12
71	Industry 4.0 - Digital Twin Applied to Direct Digital Manufacturing. Applied Mechanics and Materials, 0, 890, 54-60.	0.2	12
72	Crosslinked Nanocomposite Sodium Alginate-Based Membranes with Titanium Dioxide for the Dehydration of Isopropanol by Pervaporation. Molecules, 2020, 25, 1298.	1.7	12

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73	Directed Crystallisation of Poly(É›-caprolactone) using a Low-Molar-Mass Self-Assembled Template. Macromolecular Chemistry and Physics, 2005, 206, 1826-1839.	1.1	11
74	Defining the physical structure and properties in novel monofilaments with potential for use as absorbable surgical sutures based on a lactide containing block terpolymer. Polymer, 2008, 49, 4433-4445.	1.8	11
75	Relationship Between Molecular Configuration and Stress-Induced Phase Transitions. , 2016, , 287-327.		11
76	Development of composite anion-exchange membranes using poly(vinyl alcohol) and silica precursor for pervaporation separation of waterâ€“isopropanol mixtures. RSC Advances, 2016, 6, 11802-11814.	1.7	11
77	Real-time measurement of droplet size and its distribution of an air-induced air-assisted electrostatic nozzle. Journal of Electrostatics, 2022, 115, 103665.	1.0	11
78	Coupling and memory in liquid crystal elastomers. Macromolecular Symposia, 1997, 117, 21-31.	0.4	10
79	Conducting nanofibres produced by electrospinning. Journal of Physics: Conference Series, 2009, 183, 012020.	0.3	10
80	Part Specific Applications of Additive Manufacturing. Procedia Manufacturing, 2017, 12, 89-95.	1.9	10
81	Development of novel 3D scaffolds using BioExtruder by the incorporation of silica into polycaprolactone matrix for bone tissue engineering. Materials Today Communications, 2019, 21, 100651.	0.9	10
82	Smart Materials for Biomedical Applications: The Usefulness of Shape-Memory Polymers. Applied Mechanics and Materials, 0, 890, 237-247.	0.2	10
83	Protein Nanocarriers for Targeted Drug Delivery for Cancer Therapy. , 2019, , 173-204.		10
84	Local gratings due to angular hole burning in a photorefractive polymer. Journal of Optics, 2002, 4, 474-480.	1.5	9
85	Using an additive to control the electrospinning of fibres of poly(Îµâ€caprolactone). Polymer International, 2010, 59, 827-835.	1.6	9
86	The Exploitation of Polymer Based Nanocomposites for Additive Manufacturing: A Prospective Review. Applied Mechanics and Materials, 0, 890, 113-145.	0.2	9
87	Ultrasound Assisted Synthesis of Polylimonene and Organomodified-clay Nanocomposites: A Structural, Morphological and Thermal Properties. Bulletin of Chemical Reaction Engineering and Catalysis, 2020, 15, 798-807.	0.5	9
88	X-Ray Scattering from Non-crystalline and Liquid Crystalline Polymers. , 1989, , 687-729.		8
89	Stability of NLO chromophores in doped polymer films during electric field poling. Journal Physics D: Applied Physics, 1992, 25, 1304-1310.	1.3	8
90	Green Nanocomposites from Rosin-Limonene Copolymer and Algerian Clay. Polymers, 2020, 12, 1971.	2.0	8

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91	Polymer-Clay Nanocomposites: Exfoliation and Intercalation of Organophilic Montmorillonite Nanofillers in Styreneâ€“Limonene Copolymer. Polymer Science - Series A, 2021, 63, 568-575.	0.4	8
92	The Local Structure of Noncrystalline Polymers: An X-ray Approach. , 1987, , 1-31.		8
93	High Value Materials from the Forests. Advances in Materials Physics and Chemistry, 2016, 06, 54-60.	0.3	8
94	Isotropic electrical conductivity in structurally anisotropic electrochemically prepared polypyrrole films. Journal Physics D: Applied Physics, 1993, 26, 1718-1721.	1.3	7
95	Influence of side-chain bearing units on the phase behaviour of a series of copoly(ester ether)s. European Polymer Journal, 1996, 32, 735-746.	2.6	7
96	Climate Change and Manufacturing. Procedia Manufacturing, 2017, 12, 298-306.	1.9	7
97	Design, Synthesis and Thermo-chemical Properties of Rosin Vinyl Imidazolium Based Compounds as Potential Advanced Biocompatible Materials. Waste and Biomass Valorization, 2020, 11, 3723-3730.	1.8	7
98	Longitudinal muon spin relaxation in the organic metal polypyrrole. Hyperfine Interactions, 1991, 65, 847-853.	0.2	6
99	Hydrogen momentum distribution in anisotropic rigid-chain polymers. Journal of Physics Condensed Matter, 1992, 4, 5665-5674.	0.7	6
100	The interplay between the chain stiffness and the local structure of fluorine containing polymers in the melt. Physica Scripta, 1995, T57, 161-167.	1.2	6
101	Phase behaviour and non-periodic crystallisation of random aromatic copolyesters and their side chain bearing systems. Polymer, 2001, 42, 5351-5363.	1.8	6
102	Enhanced Templating in the Crystallisation of Poly(Îµâ€caprolactone) Using 1,3:2,4â€di(4â€Chlorobenzylidene) Sorbitol. Macromolecular Rapid Communications, 2008, 29, 1861-1865.	2.0	6
103	Structure of a spin-crossover Fe(II)-1,2,4-triazole polymer complex gel in toluene. Small angle neutron scattering and viscoelastic studies. European Polymer Journal, 2014, 53, 238-245.	2.6	6
104	On row-structures in sheared polypropylene and a propyleneâ€“ethylene copolymer. European Polymer Journal, 2014, 53, 37-49.	2.6	6
105	Evaluation of preferred orientation in multi-component polymer systems using x-ray scattering procedures. , 2005, , 149-158.		5
106	Quiescent and shear-induced non-isothermal crystallization of isotactic polypropylene-based nanocomposites. Polymer Bulletin, 2017, 74, 145-165.	1.7	5
107	Additive Manufactured Poly(Îµ-caprolactone)-graphene Scaffolds: Lamellar Crystal Orientation, Mechanical Properties and Biological Performance. Polymers, 2022, 14, 1669.	2.0	5
108	Changing the Paradigm-Controlling Polymer Morphology during 3D Printing Defines Properties. Polymers, 2022, 14, 1638.	2.0	5

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109	Wide-angle X-ray scattering for swollen and glassy poly(2-hydroxyethyl methacrylate). Die Makromolekulare Chemie, 1983, 184, 1937-1943.	1.1	4
110	Shear controlled crystal size definition in a low molar mass compound using a polymeric solvent. Soft Matter, 2009, 5, 525-528.	1.2	4
111	Multiscale Structure Evolution in Electrically Conductive Nanocomposites Studied by SAXS. Procedia Manufacturing, 2017, 12, 79-88.	1.9	4
112	Tools to define and evaluate morphology mapping, a route to complex structures using direct digital manufacturing. , 2019, , .		4
113	Smart Polymers in Drug Delivery Applications. Applied Mechanics and Materials, 0, 890, 324-339.	0.2	4
114	Adaptive Platforms and Flexible Deposition System for Big Area Additive Manufacturing (BAAM). Applied Mechanics and Materials, 0, 890, 3-20.	0.2	4
115	Electrospinning and Tissue Engineering. Computational Methods in Applied Sciences (Springer), 2011, , 111-136.	0.1	4
116	Preservation of fresh-cut Rocha Pear using Codium tomentosum extract. LWT - Food Science and Technology, 2022, 155, 112938.	2.5	4
117	Synthesis and Characterization of Copolymers and Nanocomposites from Limonene, Styrene and Organomodified-Clay Using Ultrasonic Assisted Method. Polymers, 2022, 14, 2820.	2.0	4
118	Conductive elastomeric composites. Journal of Physics: Conference Series, 2009, 183, 012011.	0.3	3
119	Modelling Small Angle Neutron Scattering Data from Electrospun Fibres. Journal of Physics: Conference Series, 2010, 247, 012042.	0.3	3
120	Polymeric Materials for Rapid Manufacturing. , 2011, , 113-139.		3
121	SANS/WANS Time-resolving Neutron Scattering Studiesof Polymer Phase Transitions Using NIMROD. Materials Research Society Symposia Proceedings, 2013, 1528, 1.	0.1	3
122	Hybrid polystyrene based electrospun fibers with spin-crossover properties. Journal of Polymer Science, Part B: Polymer Physics, 2015, 53, 814-821.	2.4	3
123	Controlling Morphology Using Low Molar Mass Nucleators. , 2016, , 145-161.		3
124	Frontispiece: Personalized Reusable Face Masks with Smart Nanoâ€Assisted Destruction of Pathogens for COVIDâ€19: A Visionary Road. Chemistry - A European Journal, 2021, 27, .	1.7	3
125	Chapter 8. Structure Development in Electrospun Fibres. RSC Polymer Chemistry Series, 2015, , 136-171.	0.1	3
126	Controlling and Evaluating the Structure and Morphology of Polymers on Multiple Scales. Journal of Materials Science and Chemical Engineering, 2015, 03, 48-60.	0.2	3

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127	Controlling Morphological Development during Additive Manufacturing: A Route to the Mapping of Properties. , 0, , .		3
128	The local structure of random copolymers based upon methylmethacrylate and styrene. Journal of Polymer Science, Part C: Polymer Letters, 1990, 28, 423-429.	0.7	2
129	Multiscale modeling of polymers closely coupled to Broad Q neutron scattering from NIMROD. Materials Research Society Symposia Proceedings, 2013, 1524, 1001.	0.1	2
130	Experimentally driven atomistic model of 1,2 polybutadiene. Journal of Applied Physics, 2014, 115, 053505.	1.1	2
131	Time resolved strain dependent morphological study of electrically conducting nanocomposites. Journal of Physics: Conference Series, 2015, 646, 012034.	0.3	2
132	Morphology of polymer networks formed in the chiral and non-chiral phases of an antiferroelectric liquid crystal. Chemical Physics Letters, 2015, 641, 80-83.	1.2	2
133	Controlling Morphology in 3D Printing. , 2016, , 181-207.		2
134	Scales of Structure in Polymers. , 2016, , 1-28.		2
135	Evaluating Scales of Structures. , 2016, , 29-67.		2
136	Morphology Development During Micro Injection Moulding of Thermoplastics. Procedia Manufacturing, 2017, 12, 230-241.	1.9	2
137	New Tools for Understanding Complex Polymer Behaviour. Procedia Manufacturing, 2017, 12, 280-290.	1.9	2
138	The Use of Scattering Data in the Study of the Molecular Organisation of Polymers in the Non-Crystalline State. Polymers, 2020, 12, 2917.	2.0	2
139	<title>Grating competition effects in photorefractive polymers</title>. , 1998, 3471, 72.		1
140	Electrospinning atactic polystyrene: A neutron scattering study. Journal of Physics: Conference Series, 2009, 183, 012019.	0.3	1
141	Highly Anisotropic Polymer Composites Based on Carbon Nanotubes. , 0, , .		1
142	Orthogonal Templating Control of the Crystallisation of Poly(Îµ-Caprolactone). Polymers, 2018, 10, 300.	2.0	1
143	Polyethylene and the Nucleating Agent: Dibenzylidene Sorbitol, a Neutron Scattering Study. Applied Mechanics and Materials, 0, 890, 199-204.	0.2	1
144	Rosin Based Composites for Additive Manufacturing. Applied Mechanics and Materials, 2019, 890, 70-76.	0.2	1

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145	Microwave Treatment of Polyacrylonitrile Powder Method Development and Effects of Surface Modification Porosity for Supercapacitor Devices or other Mobile Applications. Applied Mechanics and Materials, 2019, 890, 146-154.	0.2	1
146	Direct Digital Manufacturing of Nanocomposites. Applied Mechanics and Materials, 0, 890, 92-97.	0.2	1
147	Modifying the thermomechanical properties of electrospun fibres of poly-vinyl cinnamate by photo-cross-linking. SN Applied Sciences, 2019, 1, 1.	1.5	1
148	Chapter 13. Future Perspectives on Electrospinning. RSC Polymer Chemistry Series, 2015, , 267-270.	0.1	1
149	Chapter 11. Electrospinning for Medical Applications. RSC Polymer Chemistry Series, 2015, , 214-252.	0.1	1
150	Advanced Materials from Forests. , 2018, , 1-24.		1
151	In Situ Time-Resolving Small-Angle X-ray Scattering Study of the Injection Moulding of Isotactic Polypropylene Parts. , 2022, 8, .		1
152	Computational fluid dynamics of reaction injection moulding. , 2012, , .		0
153	Polymers, Biomanufacturing and Regenerative Medicine. Advanced Materials Research, 2012, 506, 11-14.	0.3	0
154	Crystallization in Nanocomposites. , 2016, , 69-100.		0
155	Development of Molecular Anisotropy in Centrifugally Spun Fibers as Compared to Electrospun Fibers. Macromolecular Materials and Engineering, 2016, 301, 1313-1319.	1.7	0
156	Multi-scale computer simulations of multi-tubular components manufactured by water-assisted injection moulding. AIP Conference Proceedings, 2019, , .	0.3	0
157	Numerical Thermal Analysis of a T Jump System Used for Studying Polymer Behaviour. Applied Mechanics and Materials, 0, 890, 155-161.	0.2	0
158	Towards a Conceptual Notion for a Universal Printing Machine. Applied Mechanics and Materials, 0, 890, 61-69.	0.2	0
159	Time-resolving small angle X-Ray scattering analysis of melt crystallization of mixtures of regular and irregular isotactic polypropylene samples. Polymer, 2021, 215, 123411.	1.8	0
160	Phase change materials as a tool for climate change mitigation. , 2013, , 605-610.		0
161	Novel plastics for sustainable building design. , 2013, , 599-603.		0
162	A pilot plant scale testing of the application of seaweedâ€based natural coating and modified atmosphere packaging for shelfâ€life extension of freshâ€cut apple. Journal of Food Processing and Preservation, 0, , .	0.9	0

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163	Optimization of a New Material with Clay and Waste Coffee Grounds for Additive Manufacturing. , 0, , .		0