

Geoffrey R Mitchell

List of Publications by Year in descending order

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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	Preservation of fresh-cut Rocha Pear using <i>Codium tomentosum</i> extract. <i>LWT - Food Science and Technology</i> , 2022, 155, 112938.	2.5	4
2	Real-time measurement of droplet size and its distribution of an air-induced air-assisted electrostatic nozzle. <i>Journal of Electrostatics</i> , 2022, 115, 103665.	1.0	11
3	Additive Manufactured Poly(μ -caprolactone)-graphene Scaffolds: Lamellar Crystal Orientation, Mechanical Properties and Biological Performance. <i>Polymers</i> , 2022, 14, 1669.	2.0	5
4	Changing the Paradigm-Controlling Polymer Morphology during 3D Printing Defines Properties. <i>Polymers</i> , 2022, 14, 1638.	2.0	5
5	In Situ Time-Resolving Small-Angle X-ray Scattering Study of the Injection Moulding of Isotactic Polypropylene Parts. , 2022, 8, .		1
6	Synthesis and Characterization of Copolymers and Nanocomposites from Limonene, Styrene and Organomodified-Clay Using Ultrasonic Assisted Method. <i>Polymers</i> , 2022, 14, 2820.	2.0	4
7	Personalized Reusable Face Masks with Smart Nano-Assisted Destruction of Pathogens for COVID-19: A Visionary Road. <i>Chemistry - A European Journal</i> , 2021, 27, 6112-6130.	1.7	63
8	Time-resolving small angle X-Ray scattering analysis of melt crystallization of mixtures of regular and irregular isotactic polypropylene samples. <i>Polymer</i> , 2021, 215, 123411.	1.8	0
9	Frontispiece: Personalized Reusable Face Masks with Smart Nano-Assisted Destruction of Pathogens for COVID-19: A Visionary Road. <i>Chemistry - A European Journal</i> , 2021, 27, .	1.7	3
10	Polymer-Clay Nanocomposites: Exfoliation and Intercalation of Organophilic Montmorillonite Nanofillers in Styrene-Limonene Copolymer. <i>Polymer Science - Series A</i> , 2021, 63, 568-575.	0.4	8
11	Bioactive Electrospun Fibers of Poly(μ -Caprolactone) Incorporating \pm -Tocopherol for Food Packaging Applications. <i>Molecules</i> , 2021, 26, 5498.	1.7	15
12	Design, Synthesis and Thermo-chemical Properties of Rosin Vinyl Imidazolium Based Compounds as Potential Advanced Biocompatible Materials. <i>Waste and Biomass Valorization</i> , 2020, 11, 3723-3730.	1.8	7
13	Green Nanocomposites from Rosin-Limonene Copolymer and Algerian Clay. <i>Polymers</i> , 2020, 12, 1971.	2.0	8
14	The Use of Scattering Data in the Study of the Molecular Organisation of Polymers in the Non-Crystalline State. <i>Polymers</i> , 2020, 12, 2917.	2.0	2
15	Crosslinked Nanocomposite Sodium Alginate-Based Membranes with Titanium Dioxide for the Dehydration of Isopropanol by Pervaporation. <i>Molecules</i> , 2020, 25, 1298.	1.7	12
16	Development of novel 3D scaffolds using BioExtruder by varying the content of hydroxyapatite and silica in PCL matrix for bone tissue engineering. <i>Journal of Polymer Research</i> , 2020, 27, 1.	1.2	21
17	Ultrasound Assisted Synthesis of Polylimonene and Organomodified-clay Nanocomposites: A Structural, Morphological and Thermal Properties. <i>Bulletin of Chemical Reaction Engineering and Catalysis</i> , 2020, 15, 798-807.	0.5	9
18	Tools to define and evaluate morphology mapping, a route to complex structures using direct digital manufacturing. , 2019, , .		4

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19	Multi-scale computer simulations of multi-tubular components manufactured by water-assisted injection moulding. AIP Conference Proceedings, 2019, , .	0.3	0
20	Rosin Based Composites for Additive Manufacturing. Applied Mechanics and Materials, 2019, 890, 70-76.	0.2	1
21	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
22	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
23	Biomaterials for In Situ Tissue Regeneration: A Review. Biomolecules, 2019, 9, 750.	1.8	138
24	Modifying the thermomechanical properties of electrospun fibres of poly-vinyl cinnamate by photo-cross-linking. SN Applied Sciences, 2019, 1, 1.	1.5	1
25	Protein Nanocarriers for Targeted Drug Delivery for Cancer Therapy. , 2019, , 173-204.		10
26	Electrospinning of food-grade nanofibres from whey protein. International Journal of Biological Macromolecules, 2018, 113, 764-773.	3.6	39
27	Time-Resolving Study of Stress-Induced Transformations of Isotactic Polypropylene through Wide Angle X-ray Scattering Measurements. Polymers, 2018, 10, 162.	2.0	21
28	Orthogonal Templating Control of the Crystallisation of Poly(μ -Caprolactone). Polymers, 2018, 10, 300.	2.0	1
29	Advanced Materials from Forests. , 2018, , 1-24.		1
30	Quiescent and shear-induced non-isothermal crystallization of isotactic polypropylene-based nanocomposites. Polymer Bulletin, 2017, 74, 145-165.	1.7	5
31	Deformation of Stereoirregular Isotactic Polypropylene across Length Scales. Influence of Temperature. Macromolecules, 2017, 50, 2856-2870.	2.2	33
32	Multiscale Structure Evolution in Electrically Conductive Nanocomposites Studied by SAXS. Procedia Manufacturing, 2017, 12, 79-88.	1.9	4
33	Functionalized Coatings by Electrospinning for Anti-oxidant Food Packaging. Procedia Manufacturing, 2017, 12, 59-65.	1.9	23
34	Sustainable Electrospinning of Nanoscale Fibres. Procedia Manufacturing, 2017, 12, 66-78.	1.9	17
35	Part Specific Applications of Additive Manufacturing. Procedia Manufacturing, 2017, 12, 89-95.	1.9	10
36	Morphology Development During Micro Injection Moulding of Thermoplastics. Procedia Manufacturing, 2017, 12, 230-241.	1.9	2

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37	New Tools for Understanding Complex Polymer Behaviour. <i>Procedia Manufacturing</i> , 2017, 12, 280-290.	1.9	2
38	Climate Change and Manufacturing. <i>Procedia Manufacturing</i> , 2017, 12, 298-306.	1.9	7
39	Fabrication of Poly($Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50$) Scaffolds Reinforced with Cellulose Nanofibers, with and without the Addition of Hydroxyapatite Nanoparticles. <i>BioMed Research International</i> , 2016, 2016, 1-10.	0.9	53
40	Effect of Hydrodynamic Forces on <i>meso</i> -(4-Sulfonatophenyl)-Substituted Porphyrin J-Aggregate Nanoparticles: Elasticity, Plasticity and Breaking. <i>Chemistry - A European Journal</i> , 2016, 22, 9740-9749.	1.7	37
41	Controlling Morphology in 3D Printing. , 2016, , 181-207.		2
42	Scales of Structure in Polymers. , 2016, , 1-28.		2
43	Evaluating Scales of Structures. , 2016, , 29-67.		2
44	Crystallization in Nanocomposites. , 2016, , 69-100.		0
45	Controlling Morphology Using Low Molar Mass Nucleators. , 2016, , 145-161.		3
46	Development of Molecular Anisotropy in Centrifugally Spun Fibers as Compared to Electrospun Fibers. <i>Macromolecular Materials and Engineering</i> , 2016, 301, 1313-1319.	1.7	0
47	Relationship Between Molecular Configuration and Stress-Induced Phase Transitions. , 2016, , 287-327.		11
48	Development of composite anion-exchange membranes using poly(vinyl alcohol) and silica precursor for pervaporation separation of water-isopropanol mixtures. <i>RSC Advances</i> , 2016, 6, 11802-11814.	1.7	11
49	High Value Materials from the Forests. <i>Advances in Materials Physics and Chemistry</i> , 2016, 06, 54-60.	0.3	8
50	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. <i>BMC Palliative Care</i> , 2015, 14, 63.	0.8	20
51	Hybrid polystyrene based electrospun fibers with spin-crossover properties. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2015, 53, 814-821.	2.4	3
52	Time resolved strain dependent morphological study of electrically conducting nanocomposites. <i>Journal of Physics: Conference Series</i> , 2015, 646, 012034.	0.3	2
53	Morphology of polymer networks formed in the chiral and non-chiral phases of an antiferroelectric liquid crystal. <i>Chemical Physics Letters</i> , 2015, 641, 80-83.	1.2	2
54	Structure-property relationships in polyethylene based films obtained by blow molding as model system of industrial relevance. <i>European Polymer Journal</i> , 2015, 62, 97-107.	2.6	17

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55	Chapter 8. Structure Development in Electrospun Fibres. RSC Polymer Chemistry Series, 2015, , 136-171.	0.1	3
56	Chapter 13. Future Perspectives on Electrospinning. RSC Polymer Chemistry Series, 2015, , 267-270.	0.1	1
57	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
58	Chapter 11. Electrospinning for Medical Applications. RSC Polymer Chemistry Series, 2015, , 214-252.	0.1	1
59	Experimentally driven atomistic model of 1,2 polybutadiene. Journal of Applied Physics, 2014, 115, 053505.	1.1	2
60	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
61	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
62	On row-structures in sheared polypropylene and a propylene-ethylene copolymer. European Polymer Journal, 2014, 53, 37-49.	2.6	6
63	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
64	Role of Anisotropy in Tissue Engineering. Procedia Engineering, 2013, 59, 117-125.	1.2	40
65	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
66	SANS/WANS Time-resolving Neutron Scattering Studies of Polymer Phase Transitions Using NIMROD. Materials Research Society Symposia Proceedings, 2013, 1528, 1.	0.1	3
67	Multiscale modeling of polymers closely coupled to Broad Q neutron scattering from NIMROD. Materials Research Society Symposia Proceedings, 2013, 1524, 1001.	0.1	2
68	Phase change materials as a tool for climate change mitigation. , 2013, , 605-610.		0
69	Novel plastics for sustainable building design. , 2013, , 599-603.		0
70	Computational fluid dynamics of reaction injection moulding. , 2012, , .		0
71	Polymers, Biomanufacturing and Regenerative Medicine. Advanced Materials Research, 2012, 506, 11-14.	0.3	0
72	Electrospun supramolecular polymer fibres. European Polymer Journal, 2012, 48, 1249-1255.	2.6	21

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73	Three Dimensional Picture of the Local Structure of 1,4-Polybutadiene from a Complete Atomistic Model and Neutron Scattering Data. <i>Macromolecules</i> , 2011, 44, 3140-3148.	2.2	14
74	Polymeric Materials for Rapid Manufacturing. , 2011, , 113-139.		3
75	Chain extension in electrospun polystyrene fibres: a SANS study. <i>Soft Matter</i> , 2011, 7, 4397.	1.2	29
76	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. <i>Chemosphere</i> , 2011, 82, 1675-1682.	4.2	100
77	The potential of electrospinning in rapid manufacturing processes. <i>Virtual and Physical Prototyping</i> , 2011, 6, 63-77.	5.3	16
78	Multi-responsive hydrogels based on N-isopropylacrylamide and sodium alginate. <i>Polymer International</i> , 2011, 60, 222-233.	1.6	80
79	Rheological and thermal behaviour of poly(N-isopropylacrylamide)/alginate smart polymeric networks. <i>Polymer International</i> , 2011, 60, 1398-1407.	1.6	16
80	Electrospinning and Tissue Engineering. <i>Computational Methods in Applied Sciences</i> (Springer), 2011, , 111-136.	0.1	4
81	Development of orientation during electrospinning of fibres of poly(μ -caprolactone). <i>European Polymer Journal</i> , 2010, 46, 1175-1183.	2.6	80
82	Using an additive to control the electrospinning of fibres of poly(μ -caprolactone). <i>Polymer International</i> , 2010, 59, 827-835.	1.6	9
83	Modelling Small Angle Neutron Scattering Data from Electrospun Fibres. <i>Journal of Physics: Conference Series</i> , 2010, 247, 012042.	0.3	3
84	Structure development in electrospun fibres of gelatin. <i>Journal of Physics: Conference Series</i> , 2009, 183, 012021.	0.3	14
85	Conducting nanofibres produced by electrospinning. <i>Journal of Physics: Conference Series</i> , 2009, 183, 012020.	0.3	10
86	The track nanotechnology. <i>Radiation Measurements</i> , 2009, 44, 1109-1113.	0.7	16
87	Synthesis and characterization of thermally stable second-order nonlinear optical side-chain polyimides containing thiazole and benzothiazole push-pull chromophores. <i>Optical Materials</i> , 2009, 31, 817-825.	1.7	30
88	Shear controlled crystal size definition in a low molar mass compound using a polymeric solvent. <i>Soft Matter</i> , 2009, 5, 525-528.	1.2	4
89	Conductive elastomeric composites. <i>Journal of Physics: Conference Series</i> , 2009, 183, 012011.	0.3	3
90	Electrospinning atactic polystyrene: A neutron scattering study. <i>Journal of Physics: Conference Series</i> , 2009, 183, 012019.	0.3	1

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91	Enhanced Templating in the Crystallisation of Poly(ϵ -caprolactone) Using 1,3:2,4-di(4-Chlorobenzylidene) Sorbitol. <i>Macromolecular Rapid Communications</i> , 2008, 29, 1861-1865.	2.0	6
92	Defining the physical structure and properties in novel monofilaments with potential for use as absorbable surgical sutures based on a lactide containing block terpolymer. <i>Polymer</i> , 2008, 49, 4433-4445.	1.8	11
93	Structure property relationships in polyethylene/montmorillonite nanodielectrics. <i>IEEE Transactions on Dielectrics and Electrical Insulation</i> , 2008, 15, 134-143.	1.8	57
94	Polymorphic Superelasticity in Semicrystalline Polymers. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 4325-4328.	7.2	36
95	Chiral Polymer-Carbon-Nanotube Composite Nanofibers. <i>Advanced Materials</i> , 2007, 19, 1079-1083.	11.1	30
96	Electrodeposition of Chiral Polymer-Carbon Nanotube Composite Films. <i>ChemPhysChem</i> , 2007, 8, 1766-1769.	1.0	12
97	Influence of molecular composition on the development of microstructure from sheared polyethylene melts: Molecular and lamellar templating. <i>Polymer</i> , 2006, 47, 5643-5656.	1.8	22
98	Evaluation of preferred orientation in multi-component polymer systems using x-ray scattering procedures. , 2005, , 149-158.		5
99	Directed Crystallisation of Poly(ϵ -caprolactone) using a Low-Molar-Mass Self-Assembled Template. <i>Macromolecular Chemistry and Physics</i> , 2005, 206, 1826-1839.	1.1	11
100	Development of highly oriented polymer crystals from row assemblies. <i>Polymer</i> , 2005, 46, 5615-5620.	1.8	23
101	The structure of crystallisable copolymers of L-lactide, ϵ -caprolactone and glycolide. <i>Polymer</i> , 2005, 46, 6411-6428.	1.8	28
102	Development of smart variable stiffness actuators using polymer hydrogels. <i>Smart Materials and Structures</i> , 2005, 14, 434-440.	1.8	31
103	The Use of a Low-Molar-Mass Self-Assembled Template to Direct the Crystallisation of Poly(ϵ -caprolactone). <i>Macromolecular Rapid Communications</i> , 2004, 25, 1365-1370.	2.0	15
104	Shear Cell for In Situ WAXS, SAXS, and SANS Experiments on Polymer Melts Under Flow Fields. <i>Journal of Macromolecular Science - Physics</i> , 2004, 43, 1161-1170.	0.4	20
105	Directed Crystallisation of Synthetic Polymers by Low-Molar-Mass Self-Assembled Templates. <i>Macromolecular Rapid Communications</i> , 2003, 24, 496-502.	2.0	27
106	Determination of orientation parameters in drawn films of thermotropic liquid crystalline polymer/polypropylene blends using WAXS. <i>Polymer</i> , 2003, 44, 5951-5959.	1.8	20
107	Thermotropic liquid crystalline polymer (Rodrun LC5000)/polypropylene in situ composite films: rheology, morphology, molecular orientation and tensile properties. <i>Polymer</i> , 2003, 44, 3407-3415.	1.8	55
108	Anisotropic Crystallization in Polypropylene Induced by Deformation of a Nucleating Agent Network. <i>Macromolecules</i> , 2003, 36, 4898-4906.	2.2	86

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109	Local gratings due to angular hole burning in a photorefractive polymer. <i>Journal of Optics</i> , 2002, 4, 474-480.	1.5	9
110	Liquid crystalline elastomers: the relationship between macroscopic behaviour and the level of backbone anisotropy. <i>Polymer</i> , 2001, 42, 7063-7071.	1.8	36
111	Phase behaviour and non-periodic crystallisation of random aromatic copolyesters and their side chain bearing systems. <i>Polymer</i> , 2001, 42, 5351-5363.	1.8	6
112	Colloidal gas aphrons (CGA): Dispersion and structural features. <i>AIChE Journal</i> , 2000, 46, 24-36.	1.8	60
113	The development of organized structures in polyethylene crystallized from a sheared melt, analyzed by WAXS and TEM. <i>Polymer</i> , 1999, 40, 2769-2777.	1.8	65
114	Side-chain liquid crystalline elastomers: the relationship between the orientational ordering of the polymer backbone and the length of the coupling chain. <i>Polymer</i> , 1999, 40, 5365-5370.	1.8	17
115	Orientational behaviour of thermotropic and lyotropic liquid crystal polymer systems under shear flow. <i>Europhysics Letters</i> , 1998, 43, 296-301.	0.7	18
116	<title>Grating competition effects in photorefractive polymers</title>. , 1998, 3471, 72.		1
117	Coupling and memory in liquid crystal elastomers. <i>Macromolecular Symposia</i> , 1997, 117, 21-31.	0.4	10
118	Liquid crystal elastomers: controlled crosslinking in the liquid crystal phase. <i>Polymer</i> , 1996, 37, 1345-1351.	1.8	39
119	Time-resolved in situ X-ray scattering studies of aqueous hydroxypropylcellulose solutions. <i>Polymer</i> , 1996, 37, 893-901.	1.8	17
120	Influence of side-chain bearing units on the phase behaviour of a series of copoly(ester ether)s. <i>European Polymer Journal</i> , 1996, 32, 735-746.	2.6	7
121	In-situ time-resolving wide-angle X-ray scattering study of crystallization from sheared polyethylene melts. <i>Polymer</i> , 1996, 37, 4187-4191.	1.8	29
122	Extracting force fields for disordered polymeric materials from neutron scattering data. <i>Polymer</i> , 1996, 37, 1857-1870.	1.8	26
123	The interplay between the chain stiffness and the local structure of fluorine containing polymers in the melt. <i>Physica Scripta</i> , 1995, T57, 161-167.	1.2	6
124	A comparison of photoinduced poling and thermal poling of azo-dye-doped polymer films for second order nonlinear optical applications. <i>Applied Physics Letters</i> , 1993, 63, 2038-2040.	1.5	69
125	Localized room temperature photo-induced poling of azo-dye-doped polymer films for second-order nonlinear optical phenomena. <i>Journal Physics D: Applied Physics</i> , 1993, 26, 500-503.	1.3	20
126	Isotropic electrical conductivity in structurally anisotropic electrochemically prepared polypyrrole films. <i>Journal Physics D: Applied Physics</i> , 1993, 26, 1718-1721.	1.3	7

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127	Strain-induced transitions in liquid-crystal elastomers. <i>Physical Review Letters</i> , 1993, 71, 2947-2950.	2.9	97
128	Hydrogen momentum distribution in anisotropic rigid-chain polymers. <i>Journal of Physics Condensed Matter</i> , 1992, 4, 5665-5674.	0.7	6
129	Stability of NLO chromophores in doped polymer films during electric field poling. <i>Journal Physics D: Applied Physics</i> , 1992, 25, 1304-1310.	1.3	8
130	Photo-induced phase transitions in azobenzene-doped liquid crystals. <i>Journal Physics D: Applied Physics</i> , 1992, 25, 492-499.	1.3	102
131	Synthesis and photochemistry of side-chain liquid crystal polymers based on cinnamate esters. <i>Journal of Polymer Science Part A</i> , 1992, 30, 1681-1691.	2.5	38
132	Longitudinal muon spin relaxation in the organic metal polypyrrole. <i>Hyperfine Interactions</i> , 1991, 65, 847-853.	0.2	6
133	Cinnamate ester containing liquid crystalline side chain polymers. <i>Journal of Polymer Science Part A</i> , 1991, 29, 251-259.	2.5	25
134	The local structure of random copolymers based upon methylmethacrylate and styrene. <i>Journal of Polymer Science, Part C: Polymer Letters</i> , 1990, 28, 423-429.	0.7	2
135	Liquid crystal elastomers: Synthesis and characterization. <i>Journal of Polymer Science Part A</i> , 1990, 28, 1455-1472.	2.5	31
136	The influence of molecular organisation on charge transport in electrochemically prepared polypyrrole films. <i>Journal Physics D: Applied Physics</i> , 1989, 22, 1231-1234.	1.3	16
137	X-Ray Scattering from Non-crystalline and Liquid Crystalline Polymers. , 1989, , 687-729.		8
138	Neutron scattering study of electrically conducting films of polypyrrole. <i>Journal of Physics C: Solid State Physics</i> , 1988, 21, L411-L416.	1.5	33
139	Molecular organisation of electrochemically prepared conducting polypyrrole films. <i>Journal Physics D: Applied Physics</i> , 1987, 20, 1346-1353.	1.3	95
140	The Local Structure of Noncrystalline Polymers: An X-ray Approach. , 1987, , 1-31.		8
141	The effect of annealing on the local structure of glassy polycarbonate. <i>Colloid and Polymer Science</i> , 1985, 263, 280-285.	1.0	31
142	Diffraction from thermotropic copolyester molecules. <i>Colloid and Polymer Science</i> , 1985, 263, 230-244.	1.0	50
143	Molecular correlation in thermotropic copolyesters. <i>Faraday Discussions of the Chemical Society</i> , 1985, 79, 55.	2.2	189
144	The Local Conformation of Poly(dimethylsiloxane). <i>Polymer Journal</i> , 1984, 16, 351-357.	1.3	12

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145	Glassy poly(p-phenylene sulphide): determination of the local structure. Colloid and Polymer Science, 1983, 261, 110-120.	1.0	23
146	Wide-angle X-ray scattering for swollen and glassy poly(2-hydroxyethyl methacrylate). Die Makromolekulare Chemie, 1983, 184, 1937-1943.	1.1	4
147	Conformational analysis of oriented non-crystalline polymers using wide angle X-ray scattering. Colloid and Polymer Science, 1982, 260, 754-761.	1.0	45
148	Structural analysis of an oriented liquid crystalline copolyester. Polymer, 1982, 23, 1269-1272.	1.8	51
149	The local structure of molten polyethylene. Polymer, 1982, 23, 1273-1285.	1.8	42
150	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
151	Highly Anisotropic Polymer Composites Based on Carbon Nanotubes. , 0, , .		1
152	Smart Polymers in Drug Delivery Applications. Applied Mechanics and Materials, 0, 890, 324-339.	0.2	4
153	Numerical Thermal Analysis of a T Jump System Used for Studying Polymer Behaviour. Applied Mechanics and Materials, 0, 890, 155-161.	0.2	0
154	Polyethylene and the Nucleating Agent: Dibenzylidene Sorbitol, a Neutron Scattering Study. Applied Mechanics and Materials, 0, 890, 199-204.	0.2	1
155	Industry 4.0 - Digital Twin Applied to Direct Digital Manufacturing. Applied Mechanics and Materials, 0, 890, 54-60.	0.2	12
156	Towards a Conceptual Notion for a Universal Printing Machine. Applied Mechanics and Materials, 0, 890, 61-69.	0.2	0
157	Direct Digital Manufacturing of Nanocomposites. Applied Mechanics and Materials, 0, 890, 92-97.	0.2	1
158	The Exploitation of Polymer Based Nanocomposites for Additive Manufacturing: A Prospective Review. Applied Mechanics and Materials, 0, 890, 113-145.	0.2	9
159	Smart Materials for Biomedical Applications: The Usefulness of Shape-Memory Polymers. Applied Mechanics and Materials, 0, 890, 237-247.	0.2	10
160	Adaptive Platforms and Flexible Deposition System for Big Area Additive Manufacturing (BAAM). Applied Mechanics and Materials, 0, 890, 3-20.	0.2	4
161	A pilot plant scale testing of the application of seaweed-based natural coating and modified atmosphere packaging for shelf-life extension of fresh-cut apple. Journal of Food Processing and Preservation, 0, , .	0.9	0
162	Optimization of a New Material with Clay and Waste Coffee Grounds for Additive Manufacturing. , 0, , .		0

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163	Controlling Morphological Development during Additive Manufacturing: A Route to the Mapping of Properties. , 0 , , .		3