Chris D Rudd

List of Publications by Year
in descending order

162 papers	5,683 citations	61984 43 h-index	106344 65 g-index
163 all docs	163 docs citations	163 times ranked	3883 citing authors

#	Article	IF	Citations
1	Comprehensive investigation of reclaimed carbon fibre reinforced polyamide (rCF/PA) filaments and FDM printed composites. Composites Part B: Engineering, 2022, 233, 109646.	12.0	23
2	The effects of compaction and interleaving on through-thickness electrical resistance and in-plane mechanical properties for CFRP laminates. Composites Science and Technology, 2022, 223, 109441.	7.8	3
3	Time-dependent degradation behaviour of phosphate glass fibre reinforced composites with different fibre architecture. Mechanics of Time-Dependent Materials, 2021, 25, 663-678.	4.4	4
4	Vibration transmission and power flow of laminated composite plates with inerter-based suppression configurations. International Journal of Mechanical Sciences, 2021, 190, 106012.	6.7	43
5	Processing and characterization of phosphate glass fiber/polylactic acid commingled yarn composites for commercial production. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2021, 109, 990-1004.	3.4	3
6	Recovery of Carbon Fibre from Waste Prepreg via Microwave Pyrolysis. Polymers, 2021, 13, 1231.	4.5	23
7	Vibration transmission and energy flow analysis of L-shaped laminated composite structure based on a substructure method. Thin-Walled Structures, 2021, 169, 108375.	5.3	15
8	Additive-Manufactured Gyroid Scaffolds of Magnesium Oxide, Phosphate Glass Fiber and Polylactic Acid Composite for Bone Tissue Engineering. Polymers, 2021, 13, 270.	4.5	12
9	A Conceptional Approach of Resin-Transfer-Molding to Rosin-Sourced Epoxy Matrix Green Composites. Aerospace, 2021, 8, 5.	2.2	3
10	Development of highly electrically conductive composites for aeronautical applications utilizing bi-functional composite interleaves. Aerospace Science and Technology, 2020, 98, 105669.	4.8	15
11	Recycled Carbon Fibers (rCF) in Automobiles: Towards Circular Economy. Materials Circular Economy, 2020, 2, 1.	3.2	16
12	Study on Toughness Improvement of a Rosin-Sourced Epoxy Matrix Composite for Green Aerospace Application. Journal of Composites Science, 2020, 4, 168.	3.0	6
13	Fire performance of sandwich composites with intumescent mat protection: Evolving thermal insulation, post-fire performance and rail industry testing. Fire Safety Journal, 2020, 116, 103205.	3.1	12
14	The effect of intumescent mat on post-fire performance of carbon fibre reinforced composites. Journal of Fire Sciences, 2019, 37, 257-272.	2.0	9
15	Production and characterisation of novel phosphate glass fibre yarns, textiles, and textile composites for biomedical applications. Journal of the Mechanical Behavior of Biomedical Materials, 2019, 99, 47-55.	3.1	14
16	The effects of microcrystalline cellulose on the flammability and thermal behaviours of flame retarded natural fibre epoxy composite. World Journal of Engineering, 2019, 16, 363-367.	1.6	6
17	Effects of ZnO addition on thermal properties, degradation and biocompatibility of P45Mg24Ca16Na(15â^'x)Znx glasses. Biomedical Glasses, 2019, 5, 53-66.	2.4	6
18	Preparation of highly electrically conductive carbon-fiber composites with high interlaminar fracture toughness by using silver-plated interleaves. Composites Science and Technology, 2019, 176, 29-36.	7.8	30

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19	On vibration transmission in oscillating systems incorporating bilinear stiffness and damping elements. International Journal of Mechanical Sciences, 2019, 150, 458-470.	6.7	36
20	Development of fire retardancy of natural fiber composite encouraged by a synergy between zinc borate and ammonium polyphosphate. Composites Part B: Engineering, 2019, 159, 165-172.	12.0	84
21	On vibration transmission between interactive oscillators with nonlinear coupling interface. International Journal of Mechanical Sciences, 2018, 137, 238-251.	6.7	21
22	Novel bioresorbable phosphate glass fiber textile composites for medical applications. Polymer Composites, 2018, 39, E140.	4.6	16
23	Chitosan as a Coupling Agent for Phosphate Glass Fibre/Polycaprolactone Composites. Fibers, 2018, 6, 97.	4.0	6
24	Effects of Fe2O3 addition and annealing on the mechanical and dissolution properties of MgO-and CaO-containing phosphate glass fibres for bio-applications. Biomedical Glasses, 2018, 4, 57-71.	2.4	14
25	Effect of boron oxide addition on the viscosityâ€temperature behaviour and structure of phosphateâ€based glasses. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2017, 105, 764-777.	3.4	15
26	Structure, thermal properties, dissolution behaviour and biomedical applications of phosphate glasses and fibres: a review. Journal of Materials Science, 2017, 52, 8733-8760.	3.7	40
27	Structural, thermal, in vitro degradation and cytocompatibility properties of P2O5-B2O3-CaO-MgO-Na2O-Fe2O3 glasses. Journal of Non-Crystalline Solids, 2017, 457, 77-85.	3.1	19
28	Composites recycling solutions for the aviation industry. Science China Technological Sciences, 2017, 60, 1291-1300.	4.0	59
29	Structural, thermal and dissolution properties of MgO- and CaO-containing borophosphate glasses: effect of Fe2O3 addition. Journal of Materials Science, 2017, 52, 7489-7502.	3.7	23
30	Investigation on the thermal properties, density and degradation of quaternary iron and titanium phosphate based glasses. IOP Conference Series: Materials Science and Engineering, 2016, 114, 012124.	0.6	0
31	Structure, viscosity and fibre drawing properties of phosphate-based glasses: effect of boron and iron oxide addition. Journal of Materials Science, 2016, 51, 7523-7535.	3.7	22
32	In-situ polymerisation of fully bioresorbable polycaprolactone/phosphate glass fibre composites: In vitro degradation and mechanical properties. Journal of the Mechanical Behavior of Biomedical Materials, 2016, 59, 78-89.	3.1	17
33	Cytocompatibility, mechanical and dissolution properties of high strength boron and iron oxide phosphate glass fibre reinforced bioresorbable composites. Journal of the Mechanical Behavior of Biomedical Materials, 2016, 59, 41-56.	3.1	32
34	Accelerated in vitro degradation properties of polylactic acid/phosphate glass fibre composites. Journal of Materials Science, 2015, 50, 3942-3955.	3.7	46
35	Magnesium coated phosphate glass fibers for unidirectional reinforcement of polycaprolactone composites. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2015, 103, 1424-1432.	3.4	5
36	Effect of boron oxide addition on fibre drawing, mechanical properties and dissolution behaviour of phosphate-based glass fibres with fixed 40, 45 and 50â€‰mol% P₂O₅. Journal of Biomaterials Applications, 2014, 29, 639-653.	2.4	45

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37	Mechanical, degradation and cytocompatibility properties of magnesium coated phosphate glass fibre reinforced polycaprolactone composites. Journal of Biomaterials Applications, 2014, 29, 675-687.	2.4	13
38	Mechanical, crystallisation and moisture absorption properties of melt drawn polylactic acid fibres. European Polymer Journal, 2014, 53, 270-281.	5.4	59
39	Effect of Cellulose Nanowhiskers on Surface Morphology, Mechanical Properties, and Cell Adhesion of Melt-Drawn Polylactic Acid Fibers. Biomacromolecules, 2014, 15, 1498-1506.	5.4	50
40	The effect of cellulose nanowhiskers on the flexural properties of self-reinforced polylactic acid composites. Reactive and Functional Polymers, 2014, 85, 193-200.	4.1	21
41	Bioresorbable composite screws manufactured via forging process: Pull-out, shear, flexural and degradation characteristics. Journal of the Mechanical Behavior of Biomedical Materials, 2013, 18, 108-122.	3.1	21
42	Influence of screw holes and gamma sterilization on properties of phosphate glass fiber-reinforced composite bone plates. Journal of Biomaterials Applications, 2013, 27, 990-1002.	2.4	22
43	Investigating the use of coupling agents to improve the interfacial properties between a resorbable phosphate glass and polylactic acid matrix. Journal of Biomaterials Applications, 2013, 28, 354-366.	2.4	23
44	Degradation properties and microstructural analysis of 40P2O5â€“24MgOâ€“16CaOâ€“16Na2Oâ€“4Fe2O3 phosphate glass fibres. Journal of Non-Crystalline Solids, 2013, 375, 99-109.	3.1	21
45	Bioresorbable screws reinforced with phosphate glass fibre: Manufacturing and mechanical property characterisation. Journal of the Mechanical Behavior of Biomedical Materials, 2013, 17, 76-88.	3.1	28
46	Cytocompatibility, degradation, mechanical property retention and ion release profiles for phosphate glass fibre reinforced composite rods. Materials Science and Engineering C, 2013, 33, 1914-1924.	7.3	29
47	Magnesium Coated Bioresorbable Phosphate Glass Fibres: Investigation of the Interface between Fibre and Polyester Matrices. BioMed Research International, 2013, 2013, 1-10.	1.9	8
48	Effect of Boron Addition on the Thermal, Degradation, and Cytocompatibility Properties of Phosphate-Based Glasses. BioMed Research International, 2013, 2013, 1-12.	1.9	50
49	Investigation of Crystallinity, Molecular Weight Change, and Mechanical Properties of PLA/PBG Bioresorbable Composites as Bone Fracture Fixation Plates. Journal of Biomaterials Applications, 2012, 26, 765-789.	2.4	61
50	High cellulose nanowhisker content composites through cellosize bonding. Soft Matter, 2012, 8, 12099.	2.7	28
51	Initial mechanical properties of phosphate-glass fibre-reinforced rods for use as resorbable intramedullary nails. Journal of Materials Science, 2012, 47, 4884-4894.	3.7	22
52	Effect of Si and Fe doping on calcium phosphate glass fibre reinforced polycaprolactone bone analogous composites. Acta Biomaterialia, 2012, 8, 1616-1626.	8.3	30
53	Physico-chemical and mechanical properties of nanocomposites prepared using cellulose nanowhiskers and poly(lactic acid). Journal of Materials Science, 2012, 47, 2675-2686.	3.7	111
54	Effect of Iron Phosphate Glass on the Physico-mechanical Properties of Jute Fabric-reinforced Polypropylene-based Composites. Journal of Thermoplastic Composite Materials, 2011, 24, 695-711.	4.2	21

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55	In vitro degradation, flexural, compressive and shear properties of fully bioresorbable composite rods. Journal of the Mechanical Behavior of Biomedical Materials, 2011, 4, 1462-1472.	3.1	53
56	Composites for bone repair: phosphate glass fibre reinforced PLA with varying fibre architecture. Journal of Materials Science: Materials in Medicine, 2011, 22, 1825-1834.	3.6	62
57	Effect of phosphate-based glass fibre surface properties on thermally produced poly(lactic acid) matrix composites. Journal of Materials Science: Materials in Medicine, 2011, 22, 2659-2672.	3.6	27
58	Repair of calvarial defects in rats by prefabricated, degradable, long fibre composite implants. Journal of Biomedical Materials Research - Part A, 2011, 96A, 230-238.	4.0	11
59	Interfacial Properties of Phosphate Glass Fiber/Poly(caprolactone) System Measured Using the Single Fiber Fragmentation Test. Composite Interfaces, 2011, 18, 77-90.	2.3	8
60	Effectiveness of 3-Aminopropyl-Triethoxy-Silane as a Coupling Agent for Phosphate Glass Fiber-Reinforced Poly(caprolactone)-based Composites for Fracture Fixation Devices. Journal of Thermoplastic Composite Materials, 2011, 24, 517-534.	4.2	17
61	Modulation of polycaprolactone composite properties through incorporation of mixed phosphate glass formulations. Acta Biomaterialia, 2010, 6, 3157-3168.	8.3	23
62	Interfacial properties of phosphate glass fibres/PLA composites: Effect of the end functionalities of oligomeric PLA coupling agents. Composites Science and Technology, 2010, 70, 1854-1860.	7.8	36
63	Mimicking Bone Structure and Function with Structural Composite Materials. Journal of Bionic Engineering, 2010, 7, S1-S10.	5.0	29
64	Influence of compatibilizing agent molecular structure on the mechanical properties of phosphate glass fiberâ€reinforced PLA composites. Journal of Polymer Science Part A, 2010, 48, 3082-3094.	2.3	35
65	Preparation and Characterization of Phosphate Glass Fibers and Fabrication of Poly(caprolactone) Matrix Resorbable Composites. Journal of Reinforced Plastics and Composites, 2010, 29, 1838-1850.	3.1	21
66	Global knowledge exchange and the low carbon economy. , 2010, , .		0
67	Cytocompatibility and Effect of Increasing MgO Content in a Range of Quaternary Invert Phosphate-based Glasses. Journal of Biomaterials Applications, 2010, 24, 555-575.	2.4	59
68	Fabrication Effects on Properties of Composites for Medical Applications: 1. Composite Preparation and Characterization. Journal of Reinforced Plastics and Composites, 2010, 29, 112-122.	3.1	1
69	Fabrication Effects on Properties of Composites for Medical Applications: 2 - Retention of Composite Mechanical Properties. Journal of Reinforced Plastics and Composites, 2010, 29, 1804-1813.	3.1	0
70	Neutron scattering andab initiomolecular dynamics study of cross-linking in biomedical phosphate glasses. Journal of Physics Condensed Matter, 2010, 22, 485403.	1.8	15
71	Degradation and Interfacial Properties of Iron Phosphate Glass Fiber-Reinforced PCL-Based Composite for Synthetic Bone Replacement Materials. Polymer-Plastics Technology and Engineering, 2010, 49, 1265-1274.	1.9	9
72	Recycled carbon fibre reinforced polymer composite for electromagnetic interference shielding. Composites Part A: Applied Science and Manufacturing, 2010, 41, 693-702.	7.6	111

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73	Retention of mechanical properties and cytocompatibility of a phosphateâ€based glass fiber/polylactic acid composite. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2009, 89B, 18-27.	3.4	78
74	Surface treatment of phosphate glass fibers using 2â€hydroxyethyl methacrylate: Fabrication of poly(caprolactone)â€based composites. Journal of Applied Polymer Science, 2009, 111, 246-254.	2.6	28
75	Mechanistic study of Sn(Oct)₂â€catalyzed Îµâ€caprolactone polymerization using Sn(Oct)₂/BF₃ dual catalyst. Journal of Applied Polymer Science, 2009, 114, 658-662.	2.6	17
76	Boron trifluoride-catalyzed degradation of poly-É›-caprolactone at ambient temperature. Polymer Degradation and Stability, 2009, 94, 1515-1519.	5.8	2
77	Analysis of pressure profile and flow progression in the vacuum infusion process. Composites Science and Technology, 2009, 69, 1458-1464.	7.8	27
78	Phosphate Glass Fibre Composites for Bone Repair. Journal of Bionic Engineering, 2009, 6, 318-323.	5.0	62
79	Analysis of calvarial bone defects in rats using microcomputed tomography: potential for a novel composite material and a new quantitative measurement. British Journal of Oral and Maxillofacial Surgery, 2009, 47, 616-621.	0.8	17
80	Real-time dissolution of P40Na20Ca16Mg24 phosphate glass fibers. Journal of Non-Crystalline Solids, 2009, 355, 2514-2521.	3.1	15
81	Weight loss, ion release and initial mechanical properties of a binary calcium phosphate glass fibre/PCL composite. Acta Biomaterialia, 2008, 4, 1307-1314.	8.3	82
82	Surface characterisation of carbon fibre recycled using fluidised bed. Applied Surface Science, 2008, 254, 2588-2593.	6.1	96
83	Effects of aqueous aging on the mechanical properties of P40Na20Ca16Mg24 phosphate glass fibres. Journal of Materials Science, 2008, 43, 4834-4839.	3.7	22
84	Modeling changes in the modulus of poly(Îµâ€caprolactone) due to hydrolysis and plasticization. Journal of Applied Polymer Science, 2008, 107, 3484-3490.	2.6	4
85	Water absorption properties of phosphate glass fiberâ€reinforced polyâ€Ïµâ€caprolactone composites for craniofacial bone repair. Journal of Applied Polymer Science, 2008, 107, 3750-3755.	2.6	13
86	Preparation and characterization of degradation tunable poly(Îµâ€caprolactone) using a Sn(Oct)₂/BF₃ dual catalyst. Journal of Applied Polymer Science, 2008, 110, 3733-3736.	2.6	0
87	Glass forming region and physical properties in the system P2O5-Na2Oâ€“Fe2O3. Journal of Non-Crystalline Solids, 2008, 354, 4661-4667.	3.1	21
88	Low-cost carbon-fibre-based automotive body panel systems: A performance and manufacturing cost comparison. Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering, 2008, 222, 53-63.	1.9	27
89	Surface quality prediction of thermoset composite structures using geometric simulation tools. Plastics, Rubber and Composites, 2007, 36, 428-437.	2.0	13
90	Investigation of pressure profile and flow progression in vacuum infusion process. Plastics, Rubber and Composites, 2007, 36, 101-110.	2.0	12

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91	Characterisation of random carbon fibre composites from a directed fibre preforming process: The effect of tow filamentisation. Composites Part A: Applied Science and Manufacturing, 2007, 38, 755-770.	7.6	45
92	Active control of the vacuum infusion process. Composites Part A: Applied Science and Manufacturing, 2007, 38, 1271-1287.	7.6	53
93	Corrosion resistance of zincâ€"magnesium coated steel. Corrosion Science, 2007, 49, 3669-3695.	6.6	321
94	Soft ionisation analysis of evolved gas for oxidative decomposition of an epoxy resin/carbon fibre composite. Thermochimica Acta, 2007, 454, 109-115.	2.7	46
95	Comparisons of novel and efficient approaches for permeability prediction based on the fabric architecture. Composites Part A: Applied Science and Manufacturing, 2006, 37, 847-857.	7.6	80
96	Influence of stochastic fibre angle variations on the permeability of bi-directional textile fabrics. Composites Part A: Applied Science and Manufacturing, 2006, 37, 122-132.	7.6	37
97	Characterisation of thermoset laminates for cosmetic automotive applications: Part II â€" Cure and residual volatile assessment. Composites Part A: Applied Science and Manufacturing, 2006, 37, 1747-1756.	7.6	10
98	Characterisation of thermoset laminates for cosmetic automotive applications: Part I â€" Surface characterisation. Composites Part A: Applied Science and Manufacturing, 2006, 37, 1734-1746.	7.6	28
99	Characterisation of thermoset laminates for cosmetic automotive applications: Part III â€" Shrinkage control via nanoscale reinforcement. Composites Part A: Applied Science and Manufacturing, 2006, 37, 1757-1772.	7.6	34
100	Characterisation of random carbon fibre composites from a directed fibre preforming process: Analysis of microstructural parameters. Composites Part A: Applied Science and Manufacturing, 2006, 37, 2136-2147.	7.6	49
101	Characterisation of random carbon fibre composites from a directed fibre preforming process: The effect of fibre length. Composites Part A: Applied Science and Manufacturing, 2006, 37, 1863-1878.	7.6	49
102	Properties of sodium-based ternary phosphate glasses produced from readily available phosphate salts. Journal of Non-Crystalline Solids, 2006, 352, 5309-5317.	3.1	30
103	Mechanistic study of boron trifluoride catalyzed É›-caprolactone polymerization in the presence of glycerol. Journal of Applied Polymer Science, 2006, 102, 3900-3906.	2.6	6
104	XPS identification of surface-initiated polymerisation during monomer transfer moulding of poly(É›-caprolactone)/BioglassÂ® fibre composite. Applied Surface Science, 2005, 252, 1854-1862.	6.1	11
105	Preparation of poly(Îµ-caprolactone)/continuous bioglass fibre composite using monomer transfer moulding for bone implant. Biomaterials, 2005, 26, 2281-2288.	11.4	97
106	The influence of processing variables on the energy absorption of composite tubes. Composites Part A: Applied Science and Manufacturing, 2005, 36, 1291-1299.	7.6	13
107	Analysis of the vacuum infusion moulding process: I. Analytical formulation. Composites Part A: Applied Science and Manufacturing, 2005, 36, 1645-1656.	7.6	165
108	Microwave heating as a means for carbon fibre recovery from polymer composites: a technical feasibility study. Materials Research Bulletin, 2004, 39, 1549-1556.	5.2	120

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109	Synthesis and degradation of sodium iron phosphate glasses and theirin vitro cell response. Journal of Biomedical Materials Research Part B, 2004, 71A, 283-291.	3.1	42
110	The effect of production regime and crucible materials on the thermal properties of sodium phosphate glasses produced from salts. Journal of Biomedical Materials Research Part B, 2004, 71B, 22-29.	3.1	11
111	Use of Resin Transfer Molding Simulation to Predict Flow, Saturation, and Compaction in the VARTM Process. Journal of Fluids Engineering, Transactions of the ASME, 2004, 126, 210-215.	1.5	67
112	The effect of interlaminar toughening strategies on the energy absorption of composite tubes. Composites Part A: Applied Science and Manufacturing, 2004, 35, 431-437.	7.6	46
113	A constituent-based predictive approach to modelling the rheology of viscous textile composites. Composites Part A: Applied Science and Manufacturing, 2004, 35, 915-931.	7.6	48
114	Modelling the post treatment process of model implants prepared by in situ polymerized poly(Îµ-caprolactone) using a BF3â€“glycerol catalyst system. Polymer, 2003, 44, 1809-1818.	3.8	12
115	Effect of resin properties and processing parameters on crash energy absorbing composite structures made by RTM. Composites Part A: Applied Science and Manufacturing, 2003, 34, 543-550.	7.6	44
116	Automatically generated geometric descriptions of textile and composite unit cells. Composites Part A: Applied Science and Manufacturing, 2003, 34, 303-312.	7.6	42
117	Effects of fibre architecture on reinforcement fabric deformation. Plastics, Rubber and Composites, 2002, 31, 87-97.	2.0	25
118	Constitutive modelling of impregnated continuous fibre reinforced composites Micromechanical approach. Plastics, Rubber and Composites, 2002, 31, 76-86.	2.0	22
119	Geometric modelling of textiles for prediction of composite processing and performance characteristics. Plastics, Rubber and Composites, 2002, 31, 66-75.	2.0	7
120	Impact properties of compression moulded commingled E-glassâ€“polypropylene composites. Plastics, Rubber and Composites, 2002, 31, 270-277.	2.0	14
121	Permeability prediction for industrial preforms. Plastics, Rubber and Composites, 2002, 31, 238-248.	2.0	0
122	Characterisation of carbon fibres recycled from scrap composites using fluidised bed process. Plastics, Rubber and Composites, 2002, 31, 278-282.	2.0	139
123	Use of Resin Transfer Molding Simulation to Predict Flow, Saturation and Compaction in the VARTM Process. , 2002, , 61.		1
124	Effect of resin formulation on crash energy absorbing composite structures made by RTM. Plastics, Rubber and Composites, 2002, 31, 49-57.	2.0	9
125	Synthesis, degradation, andin vitro cell responses of sodium phosphate glasses for craniofacial bone repair. Journal of Biomedical Materials Research Part B, 2002, 59, 481-489.	3.1	52
126	Influence of microstructural voids on the mechanical and impact properties in commingled E-glass/polypropylene thermoplastic composites. Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications, 2002, 216, 85-100.	1.1	0

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127	Monomer transfer moulding and rapid prototyping methods for fibre reinforced thermoplastics for medical applications. Composites Part A: Applied Science and Manufacturing, 2001, 32, 969-976.	7.6	32
128	Experimental characterisation of the consolidation of a commingled glass/polypropylene composite. Composites Science and Technology, 2001, 61, 1591-1603.	7.8	83
129	Physical and biocompatibility properties of poly-Îµ-caprolactone produced using in situ polymerisation: a novel manufacturing technique for long-fibre composite materials. Biomaterials, 2000, 21, 713-724.	11.4	81
130	Compression moulding of glass and polypropylene composites for optimised macro- and micro-mechanical properties. 4: Technology demonstratorÂâ€" a door cassette structure. Composites Science and Technology, 2000, 60, 1901-1918.	7.8	27
131	A fluidised-bed process for the recovery of glass fibres from scrap thermoset composites. Composites Science and Technology, 2000, 60, 509-523.	7.8	287
132	Compression moulding of glass and polypropylene composites for optimised macro- and micro-mechanical properties II. Glass-mat-reinforced thermoplastics. Composites Science and Technology, 1999, 59, 709-726.	7.8	46
133	Compression moulding of glass and polypropylene composites for optimised macro- and micro-mechanical properties 3. Sandwich structures of GMTS and commingled fabrics. Composites Science and Technology, 1999, 59, 1153-1167.	7.8	19
134	Experimental studies of embroidery for the local reinforcement of composites structures 1. Stress concentrations. Composites Science and Technology, 1999, 59, 2125-2137.	7.8	21
135	Initial development into a novel technique for manufacturing a long fibre thermoplastic bioabsorbable composite: in-situ polymerisation of poly-Ïµ-caprolactone. Composites Part A: Applied Science and Manufacturing, 1999, 30, 737-746.	7.6	32
136	Tow placement studies for liquid composite moulding. Composites Part A: Applied Science and Manufacturing, 1999, 30, 1105-1121.	7.6	36
137	Compression moulding of glass and polypropylene composites for optimised macro- and micro-mechanical propertiesâ€"1 commingled glass and polypropylene. Composites Science and Technology, 1998, 58, 1879-1898.	7.8	109
138	Microwave assisted resin transfer moulding. Composites Part A: Applied Science and Manufacturing, 1998, 29, 71-86.	7.6	22
139	The characterisation and reuse of glass fibres recycled from scrap composites by the action of a fluidised bed process. Composites Part A: Applied Science and Manufacturing, 1998, 29, 839-845.	7.6	106
140	The development of an integrated process model for liquid composite moulding. Composites Part A: Applied Science and Manufacturing, 1998, 29, 847-854.	7.6	12
141	The effect of shear deformation on the processing and mechanical properties of aligned reinforcements. Composites Science and Technology, 1997, 57, 327-344.	7.8	67
142	Characterizing the processing and performance of aligned reinforcements during preform manufacture. Composites Part A: Applied Science and Manufacturing, 1996, 27, 247-253.	7.6	60
143	Cycle time reduction in resin transfer moulding by phased catalyst injection. Composites Science and Technology, 1996, 56, 123-133.	7.8	17
144	In-plane permeability determination for simulation of liquid composite molding of complex shapes. Polymer Composites, 1996, 17, 52-59.	4.6	30

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145	Material characterization for flow modeling in structural reaction injection molding. Polymer Composites, 1996, 17, 124-135.	4.6	20
146	Laminate Temperature Distributions and Filling Tine Prediction during Non-Isothermal Impregnation of Fibre Preforms. Journal of Reinforced Plastics and Composites, 1995, 14, 1069-1080.	3.1	1
147	Effects of fibre size formulations on the mechanical properties of unidirectional reinforced glass fibre/polyester resin laminates. Journal of Materials Science Letters, 1995, 14, 942-947.	0.5	9
148	Design, Processing and Performance of Structural Preforms. Materials and Manufacturing Processes, 1995, 10, 89-102.	4.7	1
149	Cycle Time Reductions in Resin Transfer Moulding Using Microwave Preheating. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 1995, 209, 443-453.	2.4	7
150	Processing and mechanical properties of bi-directional preforms for liquid composite moulding. Composites Manufacturing, 1995, 6, 211-219.	0.2	21
151	A Simulation of Reinforcement Deformation during the Production of Preforms for Liquid Moulding Processes. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 1994, 208, 269-278.	2.4	101
152	Flow and cure phenomena in liquid composite molding. Polymer Composites, 1994, 15, 334-348.	4.6	21
153	Modelling the processing and performance of preforms for liquid moulding processes. Composites Manufacturing, 1994, 5, 177-186.	0.2	16
154	Effects of post-cure on the interfacial properties of glass fibre-urethane methacrylate composites. Journal of Materials Science Letters, 1993, 12, 894-897.	0.5	7
155	Towards a Manufacturing Technology for High-Volume Production of Composite Components. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 1992, 206, 77-91.	2.4	30
156	Characterization of the resin transfer moulding process. Composites Manufacturing, 1992, 3, 235-249.	0.2	58
157	Electrochemical effects during thermoset moulding. Journal of Materials Science, 1991, 26, 1259-1265.	3.7	2
158	Effects of process variables on cycle time during resin transfer moulding for high volume manufacture. Materials Science and Technology, 1990, 6, 656-665.	1.6	16
159	Mechanical properties of weft knit glass fibre/polyester laminates. Composites Science and Technology, 1990, 39, 261-277.	7.8	77
160	Fibre reinforcement for high volume resin transfer moulding (rtm). Composites Manufacturing, 1990, 1, 74-78.	0.2	19
161	Multi-Response Parameters Optimisation for Energy-Efficient Injection Moulding Process via Dynamic Shainin DOE Method. Key Engineering Materials, 0, 554-557, 1669-1682.	0.4	1
162	Biocomposites: Natural and Synthetic Fibers. , 0, , 585-601.		0