

Thomas A Turner

List of Publications by Year in descending order

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26
papers

993
citations

567144

15
h-index

610775

24
g-index

26
all docs

26
docs citations

26
times ranked

819
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of high performance recycled carbon fibre composites with an advanced hydrodynamic fibre alignment process. <i>Journal of Cleaner Production</i> , 2021, 278, 123785.	4.6	16
2	A Probabilistic Approach for Trade-off Analysis of Composite Wing Structures at the Conceptual Phase of Design. <i>IFIP Advances in Information and Communication Technology</i> , 2019, , 103-113.	0.5	0
3	Environmental Aspects of Use of Recycled Carbon Fiber Composites in Automotive Applications. <i>Environmental Science & Technology</i> , 2017, 51, 12727-12736.	4.6	107
4	Flow characteristics of carbon fibre moulding compounds. <i>Composites Part A: Applied Science and Manufacturing</i> , 2016, 90, 1-12.	3.8	40
5	The shear viscosity of carbon fibre suspension and its application for fibre length measurement. <i>Rheologica Acta</i> , 2016, 55, 1-10.	1.1	9
6	Structural optimisation of random discontinuous fibre composites: Part 2 “ Case study. <i>Composites Part A: Applied Science and Manufacturing</i> , 2015, 68, 417-424.	3.8	6
7	Structural optimisation of random discontinuous fibre composites: Part 1 “ Methodology. <i>Composites Part A: Applied Science and Manufacturing</i> , 2015, 68, 406-416.	3.8	7
8	Establishing size effects in discontinuous fibre composites using 2D finite element analysis. <i>Computational Materials Science</i> , 2012, 64, 106-111.	1.4	7
9	Representative volume elements for discontinuous carbon fibre composites “ Part 2: Determining the critical size. <i>Composites Science and Technology</i> , 2012, 72, 204-210.	3.8	69
10	Representative volume elements for discontinuous carbon fibre composites “ Part 1: Boundary conditions. <i>Composites Science and Technology</i> , 2012, 72, 225-234.	3.8	95
11	Notched behaviour of discontinuous carbon fibre composites: Comparison with quasi-isotropic non-crimp fabric. <i>Composites Part A: Applied Science and Manufacturing</i> , 2011, 42, 293-302.	3.8	45
12	Energy Absorption Performance of Meso-Scale Discontinuous Carbon Fibre Composites. <i>International Journal of Vehicle Structures and Systems</i> , 2011, 3, .	0.1	1
13	Development of high value moulding compounds from recycled carbon fibres. <i>Plastics, Rubber and Composites</i> , 2010, 39, 151-156.	0.9	27
14	Fiber Alignment in Directed Carbon Fiber Preforms - Mechanical Property Prediction. <i>Journal of Composite Materials</i> , 2010, 44, 931-951.	1.2	16
15	Fiber Alignment in Directed Carbon Fiber Preforms “ A Feasibility Study. <i>Journal of Composite Materials</i> , 2009, 43, 57-74.	1.2	30
16	Characterisation of carbon fibres recycled from carbon fibre/epoxy resin composites using supercritical n-propanol. <i>Composites Science and Technology</i> , 2009, 69, 192-198.	3.8	205
17	Effects of boundary conditions on the energy absorption of thin-walled polymer composite tubes under axial crushing. <i>Thin-Walled Structures</i> , 2008, 46, 905-913.	2.7	22
18	Random discontinuous carbon fibre preforms: Permeability modelling and resin injection simulation. <i>Composites Part A: Applied Science and Manufacturing</i> , 2008, 39, 1660-1669.	3.8	13

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19	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.	3.8	45
20	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.	3.8	49
21	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.	3.8	49
22	The influence of processing variables on the energy absorption of composite tubes. Composites Part A: Applied Science and Manufacturing, 2005, 36, 1291-1299.	3.8	13
23	The effect of interlaminar toughening strategies on the energy absorption of composite tubes. Composites Part A: Applied Science and Manufacturing, 2004, 35, 431-437.	3.8	46
24	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.	3.8	44
25	Effect of resin formulation on crash energy absorbing composite structures made by RTM. Plastics, Rubber and Composites, 2002, 31, 49-57.	0.9	9
26	The Potential for Fibre Alignment in the Manufacture of Polymer Composites from Recycled Carbon Fibre. SAE International Journal of Aerospace, 0, 2, 225-231.	4.0	23