

Paul J Hogg

List of Publications by Year in descending order

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59
papers

2,430
citations

212478

28
h-index

232693

48
g-index

62
all docs

62
docs citations

62
times ranked

2113
citing authors

#	ARTICLE	IF	CITATIONS
1	An AHP and Fuzzy AHP Multifactor Decision Making Approach for Technology and Supplier Selection in the High-Functionality Textile Industry. IEEE Transactions on Engineering Management, 2021, 68, 1112-1125.	2.4	28
2	A design process for the adoption of composite materials and supply chain reconfiguration supported by a software tool. Computers and Industrial Engineering, 2018, 121, 62-72.	3.4	4
3	X-ray computed tomography study of kink bands in unidirectional composites. Composite Structures, 2017, 160, 917-924.	3.1	69
4	Technology selection in the absence of standardised materials and processes: a survey in the UK composite materials supply chain. Production Planning and Control, 2017, 28, 158-176.	5.8	11
5	Impact damage tolerance of thermoset composites reinforced with hybrid commingled yarns. Composites Part B: Engineering, 2016, 91, 522-538.	5.9	93
6	Finite element analysis of composite T-joints used in wind turbine blades. Plastics, Rubber and Composites, 2015, 44, 87-97.	0.9	18
7	Hemp fibre as alternative to glass fibre in sheet moulding compound. Part 2 – impact properties. Plastics, Rubber and Composites, 2015, 44, 291-298.	0.9	7
8	The influence of the nonwoven veil architectures on interlaminar fracture toughness of interleaved composites. Composites Science and Technology, 2015, 110, 103-110.	3.8	77
9	2D and 3D imaging of fatigue failure mechanisms of 3D woven composites. Composites Part A: Applied Science and Manufacturing, 2015, 77, 37-49.	3.8	100
10	Healing potential of hybrid materials for structural composites. Composite Structures, 2015, 122, 57-66.	3.1	36
11	Biodegradable fibre reinforced composites composed of polylactic acid and polybutylene succinate. Plastics, Rubber and Composites, 2014, 43, 82-88.	0.9	22
12	Poly (lactic acid) fibre reinforced biodegradable composites. Composites Part B: Engineering, 2014, 62, 104-112.	5.9	70
13	Influence of Fibre Architecture on Impact Damage Tolerance in 3D Woven Composites. Applied Composite Materials, 2012, 19, 799-812.	1.3	76
14	Optimisation of crush energy absorption of non-crimp fabric laminates by through-thickness stitching. Composites Part A: Applied Science and Manufacturing, 2011, 42, 712-722.	3.8	10
15	Interlaminar toughness of interleaved CFRP using non-woven veils: Part 1. Mode-I testing. Composites Part A: Applied Science and Manufacturing, 2011, 42, 1551-1559.	3.8	92
16	Interlaminar toughness of interleaved CFRP using non-woven veils: Part 2. Mode-II testing. Composites Part A: Applied Science and Manufacturing, 2011, 42, 1560-1570.	3.8	64
17	Optimisation of the protrusion geometry in Comeldâ„¢ joints. Composites Science and Technology, 2011, 71, 868-876.	3.8	38
18	Hemp fibre as alternative to glass fibre in sheet moulding compound Part 1 – influence of fibre content and surface treatment on mechanical properties. Plastics, Rubber and Composites, 2010, 39, 268-276.	0.9	19

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19	Improved fracture toughness of carbon fibre/epoxy composite laminates using dissolvable thermoplastic fibres. Composites Part A: Applied Science and Manufacturing, 2010, 41, 759-767.	3.8	144
20	Impact damage detection and degradation monitoring of wet GFRP composites using noncontact ultrasonics. Polymer Composites, 2009, 30, 1043-1049.	2.3	21
21	The influence of surface morphology on the interfacial adhesion and fracture behavior of vacuum infused carbon fiber reinforced polymeric repairs. Polymer Composites, 2008, 29, 92-108.	2.3	11
22	THE COMPRESSION PERFORMANCE AND THE ASSOCIATED GLOBAL BUCKLING BEHAVIOR OF A VACUUM-INFUSED REPAIRED COMPOSITE COMPONENT MONITORED BY THE SHADOW MOIRÉ% TECHNIQUE. Experimental Techniques, 2008, 32, 39-46.	0.9	3
23	Carbon, carrots and composites. Materials Technology, 2007, 22, 1-1.	1.5	1
24	Fire Retardancy of Natural Fibre Reinforced Sheet Moulding Compound. Applied Composite Materials, 2007, 14, 251-264.	1.3	66
25	Impact Resistance of Interleaved FRP Using Non-Woven Fabric as Interleaf Materials. Journal of the Japan Society for Composite Materials, 2007, 33, 55-61.	0.1	1
26	Composites in Armor. Science, 2006, 314, 1100-1101.	6.0	105
27	Bondline toughening of vacuum infused composite repairs. Composites Part A: Applied Science and Manufacturing, 2006, 37, 1239-1251.	3.8	25
28	Investigation of plate geometry on the crushing of flat composite plates. Composites Science and Technology, 2006, 66, 1639-1650.	3.8	28
29	Effect of fracture toughness properties on the crushing of flat composite plates. Composites Science and Technology, 2006, 66, 2317-2328.	3.8	45
30	A Strategy For Materials. Materials Technology, 2006, 21, 73-73.	1.5	0
31	Toughening of thermosetting composites with thermoplastic fibres. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2005, 412, 97-103.	2.6	65
32	A model for predicting the properties of the constituents of a glass fibre rebar reinforced concrete beam at elevated temperatures simulating a fire test. Composites Part B: Engineering, 2005, 36, 384-393.	5.9	35
33	Interlaminar fracture toughness of hybrid composites based on commingled yarn fabrics. Composites Science and Technology, 2005, 65, 1547-1563.	3.8	23
34	Temperature and environmental effects on glass fibre rebar: modulus, strength and interfacial bond strength with concrete. Composites Part B: Engineering, 2005, 36, 394-404.	5.9	121
35	Prediction of the Failure Time of Glass Fiber Reinforced Plastic Reinforced Concrete Beams under Fire Conditions. Journal of Composites for Construction, 2005, 9, 450-457.	1.7	11
36	Low cost ceramic moulding composites: impact properties. Advances in Applied Ceramics, 2004, 103, 158-164.	0.4	4

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37	Penetration impact resistance of hybrid composites based on commingled yarn fabrics. <i>Composites Science and Technology</i> , 2003, 63, 467-482.	3.8	88
38	Double cantilever beam Mode-I testing for vacuum infused repairs of GFRP. <i>Journal of Adhesion Science and Technology</i> , 2003, 17, 309-328.	1.4	12
39	Durability of non-crimp fabric composites in aqueous environments. <i>Plastics, Rubber and Composites</i> , 2001, 30, 233-242.	0.9	4
40	Is There A Future For The Engineering Profession?. <i>Materials Technology</i> , 2001, 16, 8-13.	1.5	0
41	Impact Performance of Macrocomposite Laminates - Evaluation of Energy Absorbed in Non-Penetration Impact Test. <i>Journal of Reinforced Plastics and Composites</i> , 2000, 19, 1363-1378.	1.6	0
42	Finite Element Assisted Modelling of the Microscopic Impregnation Process in Thermoplastic Preforms. <i>Applied Composite Materials</i> , 1998, 5, 237-255.	1.3	8
43	Influence of reinforcement architecture on damage mechanisms and residual strength of glass-fibre/epoxy composite systems. <i>Composites Science and Technology</i> , 1998, 58, 803-813.	3.8	37
44	Carbon-fibre non-crimp fabric laminates for cost-effective damage-tolerant structures. <i>Composites Science and Technology</i> , 1998, 58, 129-143.	3.8	55
45	Finite-element-assisted modelling of a thermoplastic pultrusion process for powder-impregnated yarn. <i>Composites Science and Technology</i> , 1998, 58, 1371-1380.	3.8	13
46	Mechanical characterisation of glass- and carbon-fibre-reinforced composites made with non-crimp fabrics. <i>Composites Science and Technology</i> , 1997, 57, 1221-1241.	3.8	121
47	High-temperature damage tolerance of carbon fibre-reinforced plastics:. <i>Composites</i> , 1995, 26, 91-102.	0.9	34
48	High-temperature damage tolerance of carbon fibre-reinforced plastics. <i>Composites</i> , 1994, 25, 414-424.	0.9	52
49	A model for the reduction in compression strength of continuous fibre composites after impact damage. <i>Composites</i> , 1993, 24, 333-339.	0.9	45
50	The mechanical properties of non-crimped fabric-based composites. <i>Composites</i> , 1993, 24, 423-432.	0.9	36
51	A model for stress corrosion crack growth in glass reinforced plastics. <i>Composites Science and Technology</i> , 1990, 38, 23-42.	3.8	22
52	The role of impact damage in post-impact compression testing. <i>Composites</i> , 1990, 21, 503-511.	0.9	195
53	A model for unidirectional composites in longitudinal tension and compression. <i>Composites Science and Technology</i> , 1989, 36, 7-26.	3.8	18
54	Test conditions in stress wave factor measurements for fibre-reinforced composites and laminates. <i>NDT International</i> , 1988, 21, 3-10.	0.0	1

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55	The influence of flow-induced anisotropy on the impact behaviour of injection-moulded short-fibre composites. Composites Science and Technology, 1987, 29, 89-102.	3.8	12
56	GRP in contact with acidic environments—a case study. Composite Structures, 1984, 2, 1-22.	3.1	17
57	Factors affecting the stress corrosion of GRP in acid environments. Composites, 1983, 14, 254-261.	0.9	42
58	Stress and strain corrosion of glass-reinforced plastics. Composites, 1981, 12, 166-172.	0.9	28
59	Micromechanisms of crack growth in composite materials under corrosive environments. Metal Science, 1980, 14, 441-449.	0.7	47