

Dai Gil Lee

List of Publications by Year in descending order

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256
papers

7,557
citations

57758

44
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118850

62
g-index

257
all docs

257
docs citations

257
times ranked

4060
citing authors

#	ARTICLE	IF	CITATIONS
1	Fracture toughness of the nano-particle reinforced epoxy composite. Composite Structures, 2008, 86, 69-77.	5.8	329
2	Development of the composite RAS (radar absorbing structure) for the X-band frequency range. Composite Structures, 2007, 77, 457-465.	5.8	116
3	Design and manufacture of an automotive hybrid aluminum/composite drive shaft. Composite Structures, 2004, 63, 87-99.	5.8	114
4	Characterization of electromagnetic properties of polymeric composite materials with free space method. Composite Structures, 2004, 66, 533-542.	5.8	97
5	Bipolar plate made of carbon fiber epoxy composite for polymer electrolyte membrane fuel cells. Journal of Power Sources, 2008, 184, 90-94.	7.8	96
6	Failure Modes of Foam Core Sandwich Beams under Static and Impact Loads. Journal of Composite Materials, 2004, 38, 1639-1662.	2.4	92
7	Radar absorbing sandwich construction composed of CNT, PMI foam and carbon/epoxy composite. Composite Structures, 2012, 94, 3002-3008.	5.8	91
8	Low-observable radomes composed of composite sandwich constructions and frequency selective surfaces. Composites Science and Technology, 2008, 68, 2163-2170.	7.8	89
9	Cure Cycle for Thick Glass/Epoxy Composite Laminates. Journal of Composite Materials, 2002, 36, 19-45.	2.4	87
10	Delamination-Free and High Efficiency Drilling of Carbon Fiber Reinforced Plastics. Journal of Composite Materials, 1995, 29, 1988-2002.	2.4	86
11	Composite sandwich constructions for absorbing the electromagnetic waves. Composite Structures, 2009, 87, 161-167.	5.8	86
12	Design and manufacture of a carbon fiber epoxy rotating boring bar. Composite Structures, 2003, 60, 115-124.	5.8	84
13	Manufacture of one-piece automotive drive shafts with aluminum and composite materials. Composite Structures, 1997, 38, 309-319.	5.8	83
14	Dielectric cure monitoring for glass/polyester prepreg composites. Composite Structures, 2002, 57, 91-99.	5.8	82
15	Design and manufacture of hybrid polymer concrete bed for high-speed CNC milling machine. International Journal of Mechanics and Materials in Design, 2008, 4, 113-121.	3.0	78
16	Design and manufacture of composite high speed machine tool structures. Composites Science and Technology, 2004, 64, 1523-1530.	7.8	77
17	An Experimental Study of Fatigue Strength for Adhesively Bonded Tubular Single Lap Joints. Journal of Adhesion, 1991, 35, 39-53.	3.0	74
18	Optimum bolted joints for hybrid composite materials. Composite Structures, 1997, 38, 329-341.	5.8	71

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19	Composite side-door impact beams for passenger cars. <i>Composite Structures</i> , 1997, 38, 229-239.	5.8	70
20	Development of a Failure Model for the Adhesively Bonded Tubular Single Lap Joint. <i>Journal of Adhesion</i> , 1992, 40, 1-14.	3.0	69
21	Aramid/epoxy composites sandwich structures for low-observable radomes. <i>Composites Science and Technology</i> , 2011, 71, 1632-1638.	7.8	68
22	Development of the composite bumper beam for passenger cars. <i>Composite Structures</i> , 1995, 32, 491-499.	5.8	67
23	A study on the epoxy resin concrete for the ultra-precision machine tool bed. <i>Journal of Materials Processing Technology</i> , 1995, 48, 649-655.	6.3	63
24	Impact energy absorption characteristics of glass fiber hybrid composites. <i>Composite Structures</i> , 1999, 46, 267-278.	5.8	60
25	Application of natural fiber reinforced composites to trenchless rehabilitation of underground pipes. <i>Composite Structures</i> , 2008, 86, 285-290.	5.8	60
26	Radar absorbing composite structures dispersed with nano-conductive particles. <i>Composite Structures</i> , 2015, 122, 23-30.	5.8	60
27	A review of composite bipolar plates in proton exchange membrane fuel cells: Electrical properties and gas permeability. <i>Composite Structures</i> , 2021, 262, 113617.	5.8	54
28	Development of an Autoclave Cure Cycle with Cooling and Reheating Steps for Thick Thermoset Composite Laminates. <i>Journal of Composite Materials</i> , 1997, 31, 2264-2282.	2.4	53
29	Characteristics of plasma surface treated composite adhesive joints at high environmental temperature. <i>Composite Structures</i> , 2002, 57, 37-46.	5.8	52
30	Development of carbon composite bipolar plate (BP) for vanadium redox flow battery (VRFB). <i>Composite Structures</i> , 2014, 109, 253-259.	5.8	52
31	Investigation of optimal surface treatments for carbon/epoxy composite adhesive joints. <i>Journal of Adhesion Science and Technology</i> , 2003, 17, 329-352.	2.6	51
32	Characteristics of carbon fiber phenolic composite for journal bearing materials. <i>Composite Structures</i> , 2004, 66, 359-366.	5.8	51
33	Fatigue characteristics of the bolted joints for unidirectional composite laminates. <i>Composite Structures</i> , 2006, 72, 58-68.	5.8	51
34	Flame and silane treatments for improving the adhesive bonding characteristics of aramid/epoxy composites. <i>Composite Structures</i> , 2011, 93, 2696-2705.	5.8	51
35	Measurement of the degree of cure of glass fiber-epoxy composites using dielectrometry. <i>Journal of Materials Processing Technology</i> , 2001, 113, 209-214.	6.3	50
36	Smart cure cycle with cooling and reheating for co-cure bonded steel/carbon epoxy composite hybrid structures for reducing thermal residual stress. <i>Composites Part A: Applied Science and Manufacturing</i> , 2006, 37, 1708-1721.	7.6	50

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37	Binary mixture rule for predicting the dielectric properties of unidirectional E-glass/epoxy composite. <i>Composite Structures</i> , 2006, 74, 153-162.	5.8	49
38	Manufacturing of Co-Cured Composite Aluminum Shafts with Compression during Co-Curing Operation to Reduce Residual Thermal Stresses. <i>Journal of Composite Materials</i> , 1998, 32, 1221-1241.	2.4	48
39	Development of microwave foaming method for phenolic insulation foams. <i>Journal of Materials Processing Technology</i> , 2008, 201, 716-719.	6.3	48
40	Measurement of the Degree of Cure of Carbon Fiber Epoxy Composite Materials. <i>Journal of Composite Materials</i> , 1996, 30, 1436-1457.	2.4	47
41	Reduction of residual stresses in thick-walled composite cylinders by smart cure cycle with cooling and reheating. <i>Composite Structures</i> , 2006, 75, 261-266.	5.8	47
42	Characteristics of joining inserts for composite sandwich panels. <i>Composite Structures</i> , 2008, 86, 55-60.	5.8	47
43	Composite structures for proton exchange membrane fuel cells (PEMFC) and energy storage systems (ESS): Review. <i>Composite Structures</i> , 2015, 134, 927-949.	5.8	47
44	An Experimental Study of the Static Torque Capacity of the Adhesively-Bonded Tubular Single Lap Joint. <i>Journal of Adhesion</i> , 1996, 55, 245-260.	3.0	46
45	Cathode/anode integrated composite bipolar plate for high-temperature PEMFC. <i>Composite Structures</i> , 2017, 167, 144-151.	5.8	46
46	Steel-composite hybrid headstock for high-precision grinding machines. <i>Composite Structures</i> , 2001, 53, 1-8.	5.8	45
47	Damping improvement of machine tool columns with polymer matrix fiber composite material. <i>Composite Structures</i> , 1998, 43, 155-163.	5.8	44
48	Design of carbon fiber composite shafts for high speed air spindles. <i>Composite Structures</i> , 2002, 55, 247-259.	5.8	44
49	Analysis of dielectric sensors for the cure monitoring of resin matrix composite materials. <i>Sensors and Actuators B: Chemical</i> , 1996, 30, 159-164.	7.8	43
50	Manufacturing of a Graphite Epoxy Composite Spindle for a Machine Tool. <i>CIRP Annals - Manufacturing Technology</i> , 1985, 34, 365-369.	3.6	42
51	Development of the anthropomorphic robot with carbon fiber epoxy composite materials. <i>Composite Structures</i> , 1993, 25, 313-324.	5.8	42
52	Carbon fiber/polyethylene bipolar plate-carbon felt electrode assembly for vanadium redox flow batteries (VRFB). <i>Composite Structures</i> , 2015, 134, 483-492.	5.8	42
53	Machinability of carbon fiber-epoxy composite materials in turning. <i>Journal of Materials Processing Technology</i> , 1992, 32, 553-570.	6.3	41
54	The effects of surface roughness and bond thickness on the fatigue life of adhesively bonded tubular single lap joints. <i>Journal of Adhesion Science and Technology</i> , 2000, 14, 1085-1102.	2.6	41

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55	Development of a strength model for the cocured stepped lap joints under tensile loading. Composite Structures, 1995, 32, 593-600.	5.8	40
56	Cryogenic characteristics of chopped glass fiber reinforced polyurethane foam. Composite Structures, 2014, 107, 476-481.	5.8	40
57	Manufacturing of a Scara Type Direct-Drive Robot with Graphite Fiber Epoxy Composite Material. Robotica, 1991, 9, 219-229.	1.9	39
58	Optimal design of the press fit joint for a hybrid aluminum/composite drive shaft. Composite Structures, 2005, 70, 33-47.	5.8	39
59	Interlocking Membrane/Catalyst Layer Interface for High Mechanical Robustness of Hydrocarbon-Based Polymer Electrolyte Membrane Fuel Cells. Advanced Materials, 2015, 27, 2974-2980.	21.0	39
60	Optimal Design of the Adhesively-Bonded Tubular Single Lap Joint. Journal of Adhesion, 1995, 50, 165-180.	3.0	38
61	A graphite-coated carbon fiber epoxy composite bipolar plate for polymer electrolyte membrane fuel cell. Journal of Power Sources, 2011, 196, 9868-9875.	7.8	38
62	Pressure resistance of the corrugated stainless steel membranes of LNG carriers. Ocean Engineering, 2011, 38, 592-608.	4.3	38
63	Plasma treatment of the carbon fiber bipolar plate for PEM fuel cell. Composite Structures, 2012, 94, 1911-1918.	5.8	38
64	Hybrid composite low-observable radome composed of E-glass/aramid/epoxy composite sandwich construction and frequency selective surface. Composite Structures, 2014, 117, 98-104.	5.8	38
65	Nano carbon/fluoroelastomer composite bipolar plate for a vanadium redox flow battery (VRFB). Composite Structures, 2017, 159, 220-227.	5.8	38
66	The Torque Transmission Capabilities of the Adhesively-Bonded Tubular Single Lap Joint and the Double Lap Joint. Journal of Adhesion, 1994, 44, 197-212.	3.0	37
67	Through-thickness compressive strength of a carbon/epoxy composite laminate. Composite Structures, 2010, 92, 480-487.	5.8	37
68	Development of the fire-retardant sandwich structure using an aramid/glass hybrid composite and a phenolic foam-filled honeycomb. Composite Structures, 2016, 158, 227-234.	5.8	37
69	Carbon composite bipolar plate for high-temperature proton exchange membrane fuel cells (HT-PEMFCs). Journal of Power Sources, 2016, 327, 119-126.	7.8	37
70	Tensile Strength of Joints Bonded With a Nano-particle-Reinforced Adhesive. Journal of Adhesion Science and Technology, 2009, 23, 95-113.	2.6	36
71	Composite endplates with pre-curvature for PEMFC (polymer electrolyte membrane fuel cell). Composite Structures, 2010, 92, 1498-1503.	5.8	36
72	Conductive particles embedded carbon composite bipolar plates for proton exchange membrane fuel cells. Composite Structures, 2014, 108, 757-766.	5.8	36

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73	Optimum design method of a nano-composite radar absorbing structure considering dielectric properties in the X-band frequency range. <i>Composite Structures</i> , 2015, 119, 218-226.	5.8	36
74	Three-Dimensional Interlocking Interface: Mechanical Nanofastener for High Interfacial Robustness of Polymer Electrolyte Membrane Fuel Cells. <i>Advanced Materials</i> , 2017, 29, 1603056.	21.0	36
75	A study on the lap shear strength of a co-cured single lap joint. <i>Journal of Adhesion Science and Technology</i> , 2000, 14, 123-139.	2.6	35
76	Bipolar plates made of carbon fabric/phenolic composite reinforced with carbon black for PEMFC. <i>Composite Structures</i> , 2013, 96, 569-575.	5.8	35
77	Method for exposing carbon fibers on composite bipolar plates. <i>Composite Structures</i> , 2015, 134, 1-9.	5.8	35
78	Composite sandwich endplates with a compliant pressure distributor for a PEM fuel cell. <i>Composite Structures</i> , 2015, 119, 505-512.	5.8	35
79	EM characteristics of the RAS composed of E-glass/epoxy composite and single dipole FSS element. <i>Composite Structures</i> , 2006, 75, 601-609.	5.8	33
80	Surface modification of carbon fiber/epoxy composites with randomly oriented aramid fiber felt for adhesion strength enhancement. <i>Composites Part A: Applied Science and Manufacturing</i> , 2013, 48, 1-8.	7.6	33
81	Mechanically fastened composite side-door impact beams for passenger cars designed for shear-out failure modes. <i>Composite Structures</i> , 2002, 56, 211-221.	5.8	32
82	Impact energy absorption characteristics of composite structures. <i>Composite Structures</i> , 2000, 50, 381-390.	5.8	31
83	Optimum design of co-cured steel-composite tubular single lap joints under axial load. <i>Journal of Adhesion Science and Technology</i> , 2000, 14, 939-963.	2.6	31
84	Wear characteristics of carbon-phenolic woven composites mixed with nano-particles. <i>Composite Structures</i> , 2006, 74, 89-98.	5.8	31
85	Measurement of residual stresses in thick composite cylinders by the radial-cut-cylinder-bending method. <i>Composite Structures</i> , 2007, 77, 444-456.	5.8	31
86	Cryogenic reliability of the sandwich insulation board for LNG ship. <i>Composite Structures</i> , 2013, 95, 547-556.	5.8	31
87	Silver nanowire networks embedded in a cure-controlled optical adhesive film for a transparent and highly conductive electrode. <i>Journal of Materials Chemistry C</i> , 2016, 4, 9834-9840.	5.5	31
88	Optimal tubular adhesive-bonded lap joint of the carbon fiber epoxy composite shaft. <i>Composite Structures</i> , 1992, 21, 163-176.	5.8	30
89	Torque Capacity of Co-Cured Tubular Lap Joints. <i>Journal of Composite Materials</i> , 1997, 31, 1381-1396.	2.4	30
90	Development of heavy duty hybrid carbon-phenolic hemispherical bearings. <i>Composite Structures</i> , 2006, 73, 88-98.	5.8	30

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91	Leakage characteristics of the glass fabric composite barriers of LNG ships. <i>Composite Structures</i> , 2008, 86, 27-36.	5.8	30
92	Development of a satellite structure with the sandwich T-joint. <i>Composite Structures</i> , 2010, 92, 460-468.	5.8	30
93	Development of the hybrid insert for composite sandwich satellite structures. <i>Composites Part A: Applied Science and Manufacturing</i> , 2011, 42, 1040-1048.	7.6	30
94	Development of non-woven carbon felt composite bipolar plates using the soft layer method. <i>Composite Structures</i> , 2017, 160, 976-982.	5.8	30
95	Bipolar plates made of plain weave carbon/epoxy composite for proton exchange membrane fuel cell. <i>International Journal of Hydrogen Energy</i> , 2012, 37, 4300-4308.	7.1	29
96	Cryogenic reliability of composite insulation panels for liquefied natural gas (LNG) ships. <i>Composite Structures</i> , 2012, 94, 462-468.	5.8	29
97	Gasket-integrated carbon/silicone elastomer composite bipolar plate for high-temperature PEMFC. <i>Composite Structures</i> , 2015, 128, 284-290.	5.8	29
98	Effects of adhesive fillers on the strength of tubular single lap adhesive joints. <i>Journal of Adhesion Science and Technology</i> , 1999, 13, 1343-1360.	2.6	28
99	Development of the anode bipolar plate/membrane assembly unit for air breathing PEMFC stack using silicone adhesive bonding. <i>Journal of Power Sources</i> , 2016, 315, 86-95.	7.8	28
100	Torque transmission capabilities of adhesively bonded tubular lap joints for composite drive shafts. <i>Composite Structures</i> , 1995, 30, 229-240.	5.8	27
101	Strength Analysis of Adhesively-Bonded Tubular Single Lap Steel-Steel Joints Under Axial Loads Considering Residual Thermal Stresses. <i>Journal of Adhesion</i> , 1997, 60, 125-140.	3.0	27
102	Influence of Fabrication Residual Thermal Stresses on Rubber-toughened Adhesive Tubular Single Lap Steel-Steel Joints under Tensile Load. <i>Journal of Adhesion</i> , 1998, 65, 163-185.	3.0	27
103	Investigation of Adhesively Bonded Joints for Composite Propeller Shafts. <i>Journal of Composite Materials</i> , 2001, 35, 999-1021.	2.4	27
104	Impact Characteristics of Glass Fiber Composites with Respect to Fiber Volume Fraction. <i>Journal of Composite Materials</i> , 2001, 35, 27-56.	2.4	27
105	Laminating rule for predicting the dielectric properties of E-glass/epoxy laminate composite. <i>Composite Structures</i> , 2007, 77, 373-382.	5.8	27
106	Torque transmission capability of composite-metal interference fit joints. <i>Composite Structures</i> , 2007, 78, 584-595.	5.8	27
107	Optimum Silane Treatment for the Adhesively Bonded Aluminum Adherends at the Cryogenic Temperature. <i>Journal of Adhesion Science and Technology</i> , 2010, 24, 775-787.	2.6	27
108	Hygrothermal effects on the strength of adhesively bonded joints. <i>Journal of Adhesion Science and Technology</i> , 1998, 12, 1253-1275.	2.6	26

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109	Thermal characteristics of tubular single lap adhesive joints under axial loads. Journal of Adhesion Science and Technology, 2001, 15, 1511-1528.	2.6	26
110	Corrugated carbon/epoxy composite bipolar plate for vanadium redox flow batteries. Composite Structures, 2015, 119, 534-542.	5.8	26
111	A microwave foaming method for fabricating glass fiber reinforced phenolic foam. Composite Structures, 2016, 152, 239-246.	5.8	26
112	Design and manufacture of a three-axis ultra-precision CNC grinding machine. Journal of Materials Processing Technology, 1997, 71, 258-266.	6.3	25
113	Surface quality and shrinkage of the composite bus housing panel manufactured by RTM. Composite Structures, 2002, 57, 211-220.	5.8	25
114	Non-Isothermal in Situ Dielectric Cure Monitoring for Thermosetting Matrix Composites. Journal of Composite Materials, 2004, 38, 977-993.	2.4	25
115	Failure analysis of asbestos-phenolic composite journal bearing. Composite Structures, 2004, 65, 37-46.	5.8	25
116	Novel applications of composite structures to robots, machine tools and automobiles. Composite Structures, 2004, 66, 17-39.	5.8	25
117	Effect of the smart cure cycle on the performance of the co-cured aluminum/composite hybrid shaft. Composite Structures, 2006, 75, 276-288.	5.8	25
118	Endurance and performance of a composite spherical bearing. Composite Structures, 2009, 87, 71-79.	5.8	25
119	Development of carbon fabric/graphite hybrid bipolar plate for PEMFC. Composite Structures, 2013, 98, 103-110.	5.8	25
120	Thermal characteristics of composite sandwich structures for machine tool moving body applications. Composite Structures, 2004, 66, 429-438.	5.8	24
121	Effect of compacted wear debris on the tribological behavior of carbon/epoxy composites. Composite Structures, 2006, 74, 136-144.	5.8	24
122	Integrated carbon composite bipolar plate for polymer-electrolyte membrane fuel cells. Journal of Power Sources, 2009, 189, 929-934.	7.8	24
123	Improvement of the Adhesive Fracture Toughness of Bonded Aluminum Joints Using E-Glass Fibers at Cryogenic Temperature. Journal of Adhesion Science and Technology, 2010, 24, 429-444.	2.6	24
124	Electrical contact resistance between anode and cathode bipolar plates with respect to surface conditions. Composite Structures, 2018, 189, 79-86.	5.8	24
125	On-line cure monitoring and viscosity measurement of carbon fiber epoxy composite materials. Journal of Materials Processing Technology, 1993, 37, 405-416.	6.3	23
126	Static and Dynamic Torque Characteristics of Composite Cocured Single Lap Joint. Journal of Composite Materials, 1997, 31, 2188-2201.	2.4	23

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127	Adhesion characteristics of carbon/epoxy composites treated with low- and atmospheric pressure plasmas. <i>Journal of Adhesion Science and Technology</i> , 2003, 17, 1751-1771.	2.6	23
128	The Sliding Friction of Hybrid Composite Journal Bearing Under Various Test Conditions. <i>Tribology Letters</i> , 2009, 35, 211-219.	2.6	23
129	Mirror surface grinding characteristics and mechanism of carbon fiber reinforced plastics. <i>Journal of Materials Processing Technology</i> , 1995, 52, 386-398.	6.3	22
130	Expert Cure System for the Carbon Fiber Epoxy Composite Materials. <i>Journal of Composite Materials</i> , 1995, 29, 1181-1200.	2.4	22
131	Grinding Characteristics of Carbon Fiber Epoxy Composite Hollow Shafts. <i>Journal of Composite Materials</i> , 2000, 34, 2016-2035.	2.4	22
132	Repair of underground buried pipes with resin transfer molding. <i>Composite Structures</i> , 2002, 57, 67-77.	5.8	22
133	Foreign objects impact damage characteristics of aluminum/composite hybrid drive shaft. <i>Composite Structures</i> , 2004, 66, 377-389.	5.8	22
134	Nanocomposite stealth radomes with frequency selective surfaces. <i>Composite Structures</i> , 2008, 86, 299-305.	5.8	22
135	Development of composite-metal hybrid bipolar plates for PEM fuel cells. <i>International Journal of Hydrogen Energy</i> , 2012, 37, 12504-12512.	7.1	22
136	Innovative gasketless carbon composite bipolar plates for PEM fuel cells. <i>International Journal of Hydrogen Energy</i> , 2012, 37, 19018-19026.	7.1	22
137	Manufacture of a carbon fibre-epoxy composite spindle-bearing system for a machine tool. <i>Composite Structures</i> , 1997, 37, 241-251.	5.8	21
138	Composite robot end effector for manipulating large LCD glass panels. <i>Composite Structures</i> , 1999, 47, 497-506.	5.8	21
139	Optimum design of the co-cured double lap joint composed of aluminum and carbon epoxy composite. <i>Composite Structures</i> , 2006, 75, 289-297.	5.8	21
140	A single-type aluminum/composite hybrid bipolar plate with surface modification for high efficiency PEMFC. <i>International Journal of Hydrogen Energy</i> , 2011, 36, 3087-3095.	7.1	21
141	Development of carbon/PEEK composite bipolar plates with nano-conductive particles for High-Temperature PEM fuel cells (HT-PEMFCs). <i>Composite Structures</i> , 2014, 118, 519-527.	5.8	21
142	Cryogenic impact resistance of chopped fiber reinforced polyurethane foam. <i>Composite Structures</i> , 2015, 132, 12-19.	5.8	21
143	Durability of graphite coated carbon composite bipolar plates for vanadium redox flow batteries. <i>Composite Structures</i> , 2015, 134, 106-113.	5.8	21
144	Improvement of the dynamic properties of a steel-composite hybrid flexspline of a harmonic drive. <i>Composite Structures</i> , 1997, 38, 251-260.	5.8	20

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145	Damping characteristics of composite hybrid spindle covers for high speed machine tools. Journal of Materials Processing Technology, 2001, 113, 178-183.	6.3	20
146	Reduction of fabrication thermal residual stress of the hybrid co-cured structure using a dielectrometry. Composites Science and Technology, 2007, 67, 29-44.	7.8	20
147	Smart cure cycles for the adhesive joint of composite structures at cryogenic temperatures. Composite Structures, 2008, 86, 37-44.	5.8	20
148	Design of the composite sandwich panel of the hot pad for the bonding of large area adhesive films. Composite Structures, 2011, 94, 102-113.	5.8	20
149	Carbon composite hybrid bipolar plates with bypass-connected gas diffusion layers for PEM fuel cells. Composite Structures, 2013, 95, 557-563.	5.8	20
150	Composite wrist blocks for double arm type robots for handling large LCD glass panels. Composite Structures, 2002, 57, 345-355.	5.8	19
151	Design of the hybrid composite journal bearing assembled by interference fit. Composite Structures, 2006, 75, 222-230.	5.8	19
152	Development of composite spherical bearing. Composite Structures, 2006, 75, 231-240.	5.8	19
153	Strength of Double Lap Joints Bonded With Carbon Black Reinforced Adhesive Under Cryogenic Environment. Journal of Adhesion Science and Technology, 2009, 23, 619-638.	2.6	19
154	Development of a spherical bearing with uni-directional carbon/epoxy composite. Composite Structures, 2009, 89, 102-109.	5.8	19
155	Axiomatic design of the sandwich composite endplate for PEMFC in fuel cell vehicles. Composite Structures, 2010, 92, 1504-1511.	5.8	19
156	Manufacturing of the carbon/phenol composite bipolar plates for PEMFC with continuous hot rolling process. Composite Structures, 2015, 132, 1122-1128.	5.8	19
157	Surface modification of carbon fiber phenolic bipolar plate for the HT-PEMFC with nano-carbon black and carbon felts. Composite Structures, 2015, 119, 630-637.	5.8	19
158	Electro-mechanical properties of the carbon fabric composites with fibers exposed on the surface. Composite Structures, 2016, 140, 77-83.	5.8	19
159	Torsional Fatigue Characteristics of Aluminum Composite Co-Cured Shafts with Axial Compressive Preload. Journal of Composite Materials, 2004, 38, 737-756.	2.4	18
160	Fracture toughness improvement of polyurethane adhesive joints with chopped glass fibers at cryogenic temperatures. Composite Structures, 2014, 107, 522-527.	5.8	18
161	Glass composite vibration isolating structure for the LNG cargo containment system. Composite Structures, 2014, 107, 469-475.	5.8	18
162	Development of the fire retardant glass fabric/carbonized phenolic composite. Composite Structures, 2016, 148, 191-197.	5.8	18

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163	Development of the composite flexspline for a cycloid-type harmonic drive using net shape manufacturing method. <i>Composite Structures</i> , 1995, 32, 557-565.	5.8	17
164	Design and Manufacture of an Aerostatic Spindle Bearing System with Carbon Fiber-Epoxy Composites. <i>Journal of Composite Materials</i> , 2000, 34, 1150-1175.	2.4	17
165	Manufacture of composite screw rotors for air compressors by RTM process. <i>Journal of Materials Processing Technology</i> , 2001, 113, 196-201.	6.3	17
166	Effects of applied pressure and temperature during curing operation on the strength of tubular single-lap adhesive joints. <i>Journal of Adhesion Science and Technology</i> , 2004, 18, 87-107.	2.6	17
167	Compaction of thick carbon/phenolic fabric composites with autoclave method. <i>Composite Structures</i> , 2004, 66, 467-477.	5.8	17
168	Through-thickness compressive strength of carbon/phenolic woven composites. <i>Composite Structures</i> , 2005, 70, 403-412.	5.8	17
169	Effects of a damaged composite face to the electromagnetic wave transmission characteristics of low-observable radomes. <i>Composite Structures</i> , 2011, 93, 2740-2747.	5.8	17
170	Design of the hybrid composite face with electromagnetic wave transmission characteristics of low-observable radomes. <i>Composite Structures</i> , 2012, 94, 3394-3400.	5.8	17
171	Improvement of the fracture toughness of adhesively bonded stainless steel joints with aramid fibers at cryogenic temperatures. <i>Composite Structures</i> , 2012, 94, 2982-2989.	5.8	17
172	Cryogenic sandwich-type insulation board composed of E-glass/epoxy composite and polymeric foams. <i>Composite Structures</i> , 2013, 102, 61-71.	5.8	17
173	Development of a damage tolerant structure for nano-composite radar absorbing structures. <i>Composite Structures</i> , 2015, 119, 107-114.	5.8	17
174	An Iterative Solution for the Torque Transmission Capability of Adhesively-Bonded Tubular Single Lap Joints with Nonlinear Shear Properties. <i>Journal of Adhesion</i> , 1995, 53, 217-227.	3.0	16
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