Bohong Gu

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229 papers	5,266 citations	36 h-index	59 g-index
242 ext. papers	6,243 ext. citations	4.2 avg, IF	6.2 L-index

#	Paper	IF	Citations
229	A Highly Stretchable and Washable All-Yarn-Based Self-Charging Knitting Power Textile Composed of Fiber Triboelectric Nanogenerators and Supercapacitors. *ACS Nano*, **2017**, 11, 9490-9499	16.7	320
228	A Stretchable Yarn Embedded Triboelectric Nanogenerator as Electronic Skin for Biomechanical Energy Harvesting and Multifunctional Pressure Sensing. *Advanced Materials*, **2018**, 30, e1804944	24	278
227	3D Orthogonal Woven Triboelectric Nanogenerator for Effective Biomechanical Energy Harvesting and as Self-Powered Active Motion Sensors. *Advanced Materials*, **2017**, 29, 1702648	24	225
226	Versatile Core–Sheath Yarn for Sustainable Biomechanical Energy Harvesting and Real-Time Human-Interactive Sensing. *Advanced Energy Materials*, **2018**, 8, 1801114	21.8	153
225	Graded conventional-auxetic Kirigami sandwich structures: Flatwise compression and edgewise loading. *Composites Part B: Engineering*, **2014**, 59, 33-42	10	139
224	Analytical modeling for the ballistic perforation of planar plain-woven fabric target by projectile. *Composites Part B: Engineering*, **2003**, 34, 361-371	10	102
223	Interfacial bonding strength of short carbon fiber/acrylonitrile-butadiene-styrene composites fabricated by fused deposition modeling. *Composites Part B: Engineering*, **2018**, 137, 51-59	10	96
222	The bending and failure of sandwich structures with auxetic gradient cellular cores. *Composites Part A: Applied Science and Manufacturing*, **2013**, 49, 119-131	8.4	89
221	Shape memory behavior and recovery force of 4D printed textile functional composites. *Composites Science and Technology*, **2018**, 160, 224-230	8.6	79
220	Transverse impact behavior and energy absorption of three-dimensional orthogonal hybrid woven composites. *Composite Structures*, **2007**, 81, 202-209	5.3	70
219	Characterization of residual stress and deformation in additively manufactured ABS polymer and composite specimens. *Composites Science and Technology*, **2017**, 150, 102-110	8.6	64
218	Influence of the strain rate on the uniaxial tensile behavior of 4-step 3D braided composites. *Composites Part A: Applied Science and Manufacturing*, **2005**, 36, 1477-1485	8.4	60
217	Shape memory behavior and recovery force of 4D printed laminated Miura-origami structures subjected to compressive loading. *Composites Part B: Engineering*, **2018**, 153, 233-242	10	57
216	FEM simulation of 3D angle-interlock woven composite under ballistic impact from unit cell approach. *Computational Materials Science*, **2010**, 49, 171-183	3.2	55
215	Ballistic Penetration of Conically Cylindrical Steel Projectile into Plain-woven Fabric Target—A Finite Element Simulation. *Journal of Composite Materials*, **2004**, 38, 2049-2074	2.7	55
214	A unit cell approach of finite element calculation of ballistic impact damage of 3-D orthogonal woven composite. *Composites Part B: Engineering*, **2009**, 40, 552-560	10	53
213	Compressive behavior of 3-D angle-interlock woven fabric composites at various strain rates. *Polymer Testing*, **2005**, 24, 447-454	4.5	53

212	Finite element calculation of 4-step 3-dimensional braided composite under ballistic perforation. *Composites Part B: Engineering*, **2004**, 35, 291-297	10	51
211	Auxetic composite made with multilayer orthogonal structural reinforcement. *Composite Structures* , **2016**, 135, 23-29	5.3	50
210	Finite element prediction of the impact compressive properties of three-dimensional braided composites using multi-scale model. *Composite Structures*, **2015**, 128, 381-394	5.3	49
209	Experimental and numerical analyses on the thermal conductive behaviors of carbon fiber/epoxy plain woven composites. *International Journal of Heat and Mass Transfer*, **2016**, 102, 501-517	4.9	46
208	Experimental and numerical investigation of the transverse impact damage and deformation of 3-D circular braided composite tubes from meso-structure approach. *Composites Part B: Engineering*, **2016**, 86, 243-253	10	45
207	Compressive behaviors of warp-knitted spacer fabrics impregnated with shear thickening fluid. *Composites Science and Technology*, **2013**, 88, 184-189	8.6	45
206	Impact shear damage characterizations of 3D braided composite with X-ray micro-computed tomography and numerical methodologies. *Composite Structures*, **2017**, 176, 43-54	5.3	44
205	Compressive behavior of multi-axial multi-layer warp knitted (MMWK) fabric composite at various strain rates. *Composite Structures*, **2007**, 78, 84-90	5.3	43
204	Strong graphene-interlayered carbon nanotube films with high thermal conductivity. *Carbon*, **2017**, 118, 659-665	10.4	40
203	Finite element analyses on transverse impact behaviors of 3-D circular braided composite tubes with different braiding angles. *Composites Part A: Applied Science and Manufacturing*, **2015**, 79, 52-62	8.4	40
202	A Numerical Simulation on Ballistic Penetration Damage of 3D Orthogonal Woven Fabric at Microstructure Level. *International Journal of Damage Mechanics*, **2012**, 21, 237-266	3	40
201	Dynamic properties of 3-D orthogonal woven composite T-beam under transverse impact. *Composites Part A: Applied Science and Manufacturing*, **2008**, 39, 1073-1082	8.4	40
200	Constitutive equations of basalt filament tows under quasi-static and high strain rate tension. *Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing* , **2010**, 527, 3245-3252	5.3	39
199	Thermal ageing degradation mechanisms on compressive behavior of 3-D braided composites in experimental and numerical study. *Composite Structures*, **2016**, 140, 180-191	5.3	38
198	Accelerated thermal ageing of epoxy resin and 3-D carbon fiber/epoxy braided composites. *Composites Part A: Applied Science and Manufacturing*, **2016**, 85, 163-171	8.4	38
197	Numerical simulation of the impact behaviors of shear thickening fluid impregnated warp-knitted spacer fabric. *Composites Part B: Engineering*, **2015**, 69, 191-200	10	37
196	Comparisons of static bending and fatigue damage between 3D angle-interlock and 3D orthogonal woven composites. *Journal of Reinforced Plastics and Composites*, **2012**, 31, 935-945	2.9	37
195	Experimental investigation of high-strain rate properties of 3-D braided composite material in cryogenic field. *Composites Part B: Engineering*, **2015**, 77, 379-390	10	36

194	Multi-scale structure modeling of damage behaviors of 3D orthogonal woven composite materials subject to quasi-static and high strain rate compressions. *Mechanics of Materials*, **2016**, 94, 1-25	3.3	35
193	Multi-scale finite element analyses on the thermal conductive behaviors of 3D braided composites. *Composite Structures*, **2016**, 143, 9-22	5.3	35
192	Meso-structure ageing mechanism of 3-D braided composite's compressive behaviors under accelerated thermo-oxidative ageing environment. *Mechanics of Materials*, **2017**, 115, 47-63	3.3	34
191	A simplified microstructure model of bi-axial warp-knitted composite for ballistic impact simulation. *Composites Part B: Engineering*, **2010**, 41, 337-353	10	33
190	Impact Damage of 3D Orthogonal Woven Composite Circular Plates. *Applied Composite Materials*, **2007**, 14, 343-362	2	33
189	A mesoscale study of thermal expansion behaviors of epoxy resin and carbon fiber/epoxy unidirectional composites based on periodic temperature and displacement boundary conditions. *Polymer Testing*, **2016**, 55, 44-60	4.5	32
188	Finite element analyses on three-point low-cyclic bending fatigue of 3-D braided composite materials at microstructure level. *International Journal of Mechanical Sciences*, **2014**, 84, 41-53	5.5	32
187	Remotely and Sequentially Controlled Actuation of Electroactivated Carbon Nanotube/Shape Memory Polymer Composites. *Advanced Materials Technologies*, **2019**, 4, 1900600	6.8	30
186	Ballistic impact damages of 3-D angle-interlock woven composites based on high strain rate constitutive equation of fiber tows. *International Journal of Impact Engineering*, **2013**, 57, 145-158	4	30
185	Energy absorption features of 3-D braided rectangular composite under different strain rates compressive loading. *Aerospace Science and Technology*, **2007**, 11, 535-545	4.9	30
184	Prediction of the uniaxial tensile curve of 4-step 3-dimensional braided preform. *Composite Structures*, **2004**, 64, 235-241	5.3	30
183	High strain rate behavior of 4-step 3D braided composites under compressive failure. *Journal of Materials Science*, **2007**, 42, 2463-2470	4.3	29
182	Temperature-dependent thermal expansion behaviors of carbon fiber/epoxy plain woven composites: Experimental and numerical studies. *Composite Structures*, **2017**, 176, 329-341	5.3	28
181	Transverse impact damage and energy absorption of 3-D multi-structured knitted composite. *Composites Part B: Engineering*, **2009**, 40, 572-583	10	28
180	Transverse impact behaviors of four-step 3-D rectangular braided composites from unit-cell approach. *Journal of Reinforced Plastics and Composites*, **2012**, 31, 233-246	2.9	27
179	Multi-scale ageing mechanisms of 3D four directional and five directional braided composites impact fracture behaviors under thermo-oxidative environment. *International Journal of Mechanical Sciences*, **2019**, 155, 50-65	5.5	27
178	Thermal-mechanical coupling modeling of 3D braided composite under impact compression loading and high temperature field. *Composites Science and Technology*, **2017**, 140, 73-88	8.6	26
177	Impact compressive behavior and failure modes of four-step three-dimensional braided composites-based meso-structure model. *International Journal of Damage Mechanics*, **2015**, 24, 805-827	3	26

176	A Refined Quasi-microstructure Model for Finite Element Analysis of Three-dimensional Braided Composites Under Ballistic Penetration. *Journal of Composite Materials*, **2005**, 39, 685-710	2.7	26
175	Thermo-mechanical numerical modeling on impact compressive damage of 3-D braided composite materials under room and low temperatures. *Aerospace Science and Technology*, **2016**, 54, 23-40	4.9	26
174	Ultrastrong and excellent dynamic mechanical properties of carbon nanotube composites. *Composites Science and Technology*, **2017**, 141, 137-144	8.6	25
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172	High-speed visualizing and mesoscale modeling for deformation and damage of 3D angle-interlock woven composites subjected to transverse impacts. *International Journal of Mechanical Sciences*, **2018**, 140, 119-132	5.5	25
171	Numerical simulation of three-point bending fatigue of four-step 3-D braided rectangular composite under different stress levels from unit-cell approach. *Computational Materials Science*, **2012**, 65, 239-246	3.2	25
170	Shear Behavior of 3D Orthogonal Woven Fabric Composites under High Strain Rates. *Journal of Reinforced Plastics and Composites*, **2006**, 25, 1833-1845	2.9	25
169	Strain Rate Effect on Four-Step Three-Dimensional Braided Composite Compressive Behavior.. *AIAA Journal*, **2005**, 43, 994-999	2.1	25
168	Transient heat generation and thermo-mechanical response of epoxy resin under adiabatic impact compressions. *International Journal of Heat and Mass Transfer*, **2016**, 95, 874-889	4.9	24
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166	Dynamic Capillary-Driven Additive Manufacturing of Continuous Carbon Fiber Composite. *Matter*, **2020**, 2, 1594-1604	12.7	23
165	The transverse impact responses of 3-D braided composite I-beam. *Composites Part A: Applied Science and Manufacturing*, **2017**, 94, 158-169	8.4	22
164	Finite element analyses of low-velocity impact damage of foam sandwiched composites with different ply angles face sheets. *Materials & Design*, **2013**, 47, 189-199		22
163	Numerical analyses of 3D orthogonal woven composite under three-point bending from multi-scale microstructure approach. *Computational Materials Science*, **2013**, 79, 468-477	3.2	22
162	Three-point bending fatigue behavior of 3D angle-interlock woven composite. *Journal of Composite Materials*, **2012**, 46, 883-894	2.7	22
161	Frequency features of co-woven-knitted fabric (CWKF) composite under tension at various strain rates. *Composites Part A: Applied Science and Manufacturing*, **2011**, 42, 446-452	8.4	22
160	Impact Damage of 3D Cellular Woven Composite from Unit-cell Level Analysis. *International Journal of Damage Mechanics*, **2011**, 20, 323-346	3	22
159	Energy absorption of 3D orthogonal woven fabric under ballistic penetration of hemispherical-cylindrical projectile. *Journal of the Textile Institute*, **2011**, 102, 875-889	1.5	22

158	A microstructure model for finite-element simulation of 3D rectangular braided composite under ballistic penetration. *Philosophical Magazine*, **2007**, 87, 4643-4669	1.6	22
157	Ballistic Perforation of Conically Cylindrical Steel Projectile into Three-Dimensional Braided Composites. *AIAA Journal*, **2005**, 43, 426-434	2.1	22
156	Experimental and numerical investigation on the thermal conduction properties of 2.5D angle-interlock woven composites. *Composite Structures*, **2016**, 154, 319-333	5.3	22
155	Drop-weight impact behaviors of 3-D angle interlock woven composites after thermal oxidative aging. *Composite Structures*, **2017**, 166, 239-255	5.3	21
154	Micro/meso-scale damage analysis of three-dimensional orthogonal woven composites based on sub-repeating unit cells. *Journal of Strain Analysis for Engineering Design*, **2012**, 47, 313-328	1.3	21
153	Influence of temperature and strain rate on the longitudinal compressive crashworthiness of 3D braided composite tubes and finite element analysis. *International Journal of Damage Mechanics*, **2017**, 26, 1003-1027	3	20
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151	Numerical analysis of thermal expansion behaviors and interfacial thermal stress of 3D braided composite materials. *Computational Materials Science*, **2017**, 138, 77-91	3.2	20
150	Comparisons of trapezoid tearing behaviors of uncoated and coated woven fabrics from experimental and finite element analysis. *International Journal of Damage Mechanics*, **2013**, 22, 464-489	3	20
149	Mechanical Behaviors of 2D and 3D Basalt Fiber Woven Composites Under Various Strain Rates. *Journal of Composite Materials*, **2010**, 44, 1779-1795	2.7	20
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145	Damage and failure mechanism of 3D carbon fiber/epoxy braided composites after thermo-oxidative ageing under transverse impact compression. *Composites Part B: Engineering*, **2019**, 161, 677-690	10	20
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143	Damage mechanisms of 3-D rectangular braided composite under multiple impact compressions. *Aerospace Science and Technology*, **2018**, 82-83, 46-60	4.9	20
142	Effects of temperature and strain rate on impact compression behaviors of three-dimensional carbon fiber/epoxy braided composites. *Journal of Composite Materials*, **2015**, 49, 771-782	2.7	19
141	Low-Velocity Impact Response and Finite Element Analysis of Four-Step 3-D Braided Composites. *Applied Composite Materials*, **2013**, 20, 397-413	2	19

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139	Experimental characterization of transverse impact behaviors of four-step 3-D rectangular braided composites. *Journal of Composite Materials*, **2012**, 46, 3017-3029	2.7	19
138	Finite element analyses of four-step 3D braided composite bending damage using repeating unit cell model. *International Journal of Damage Mechanics*, **2015**, 24, 59-75	3	18
137	Numerical analyses on thermal stress distribution induced from impact compression in 3D carbon fiber/epoxy braided composite materials. *Journal of Thermal Stresses*, **2018**, 41, 903-919	2.2	18
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135	Numerical modeling on compressive behaviors of 3-D braided composites under high temperatures at microstructure level. *Composite Structures*, **2017**, 160, 925-938	5.3	18
134	Numerical analyses of bending fatigue of four-step three-dimensional rectangular-braided composite materials from unit cell approach. *Journal of the Textile Institute*, **2015**, 106, 67-79	1.5	18
133	Dynamic Response of 3D Biaxial Spacer Weft-knitted Composite under Transverse Impact. *Journal of Reinforced Plastics and Composites*, **2006**, 25, 1629-1641	2.9	18
132	Predicting dynamic in-plane compressive properties of multi-axial multi-layer warp-knitted composites with a meso-model. *Composites Part B: Engineering*, **2015**, 77, 278-290	10	17
131	Nonlinear viscoelastic multi-scale repetitive unit cell model of 3D woven composites with damage evolution. *International Journal of Solids and Structures*, **2013**, 50, 3539-3554	3.1	17
130	Analytical modeling on mechanical responses and damage morphology of flexible woven composites under trapezoid tearing. *Textile Reseach Journal*, **2013**, 83, 1297-1309	1.7	17
129	Frequency Analysis of Stress Waves in Testing 3-D Angle-interlock Woven Composite at High Strain Rates. *Journal of Composite Materials*, **2007**, 41, 2915-2938	2.7	17
128	Longitudinal compressive behaviour of 3D braided composite under various temperatures and strain rates. *Applied Physics A: Materials Science and Processing*, **2015**, 118, 1315-1337	2.6	16
127	Experimental characterizations of bending fatigue of a four-step 3-D braided rectangular composite under different stress levels. *Journal of Reinforced Plastics and Composites*, **2011**, 30, 1571-1582	2.9	16
126	Tensile behaviors of co-woven-knitted fabric reinforced composites under various strain rates. *Journal of Composite Materials*, **2011**, 45, 2495-2506	2.7	16
125	Progressive failure of 3-D textile composites under impact loadings. *Composite Structures*, **2017**, 168, 710-724	5.3	15
124	Wet-spinning assembly and in situ electrodeposition of carbon nanotube-based composite fibers for high energy density wire-shaped asymmetric supercapacitor. *Journal of Colloid and Interface Science*, **2020**, 569, 298-306	9.3	15
123	X-ray tomography and numerical study on low-velocity impact damages of three-dimensional angle-interlock woven composites. *Composite Structures*, **2019**, 230, 111525	5.3	15

122	Impact tensile behavior and frequency response of 3D braided composites. *Textile Reseach Journal*, **2012**, 82, 280-287	1.7	15
121	Finite element analyses on bending fatigue of three-dimesional five-directional braided composite T-beam with mixed unit-cell model. *Journal of Composite Materials*, **2018**, 52, 1139-1154	2.7	14
120	Finite element analysis of 3D circular braided composites tube damage based on three unit cell models under axial compression loading. *International Journal of Damage Mechanics*, **2016**, 25, 574-607	3	14
119	Fatigue behaviors of four-step three-dimensional braided composite material: a meso-scale approach computation. *Textile Reseach Journal*, **2014**, 84, 1915-1930	1.7	14
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117	Compressive behavior of biaxial spacer weft knitted fabric reinforced composite at various strain rates. *Polymer Composites*, **2007**, 28, 224-232	3	14
116	In-plane Compressive Behaviors of 3-D Textile Composites at Various Strain Rates. *Applied Composite Materials*, **2007**, 14, 193-207	2	14
115	3D angle-interlock woven structural wearable triboelectric nanogenerator fabricated with silicone rubber coated graphene oxide/cotton composite yarn. *Composites Part B: Engineering*, **2020**, 200, 108244	10	14
114	Quasi-static compression and compression□compression fatigue characteristics of 3D braided carbon/epoxy tube. *Journal of the Textile Institute*, **2016**, 107, 938-948	1.5	14
113	Comparisons of thermal conductive behaviors of epoxy resin in unidirectional composite materials. *Journal of Thermal Analysis and Calorimetry*, **2016**, 124, 775-789	4.1	13
112	Dynamic responses and damage evolutions of four-step three-dimensional braided composites subjected to high strain rate punch shear loading. *Journal of Composite Materials*, **2016**, 50, 1635-1650	2.7	13
111	Experimental and numerical analyses of matrix shrinkage and compressive behavior of 3-D braided composite under thermo-oxidative ageing conditions. *Composite Structures*, **2018**, 204, 320-332	5.3	13
110	An Analytical Model for Predicting Stab Resistance of Flexible Woven Composites. *Applied Composite Materials*, **2013**, 20, 569-585	2	13
109	Characterizations of basalt unsaturated polyester laminates under static three-point bending and low-velocity impact loadings. *Polymer Composites*, **2014**, 35, 2203-2213	3	13
108	Finite element simulation of three-dimensional angle-interlock woven fabric undergoing ballistic impact. *Journal of the Textile Institute*, **2011**, 102, 982-993	1.5	13
107	Tensile Impact Behavior of Multiaxial Multilayer Warp Knitted (MMWK) Fabric Reinforced Composites. *Journal of Reinforced Plastics and Composites*, **2006**, 25, 1305-1315	2.9	13
106	Mechanical behaviors of four-step 1 □1 braided carbon/epoxy three-dimensional composite tubes under axial compression loading. *Polymer Composites*, **2016**, 37, 3210-3218	3	12
105	Thermo-mechanical behaviors of 3-D braided composite material subject to high strain rate compressions under different temperatures. *Mechanics of Advanced Materials and Structures*, **2016**, 23, 385-401	1.8	12

104	Computational schemes on the bending fatigue deformation and damage of three-dimensional orthogonal woven composite materials. *Computational Materials Science*, **2014**, 91, 91-101	3.2	12
103	Strain rate effects on tensile failure of 3-D angle-interlock woven carbon fabric. *Materials & Design*, **2013**, 46, 857-866		12
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101	Strain rate effects of tensile behaviors of 3-D orthogonal woven fabric: Experimental and finite element analyses. *Textile Reseach Journal*, **2013**, 83, 337-354	1.7	12
100	Three-dimensional textile structural composites under high strain rate compression: Z-transform and discrete frequency-domain analysis. *Philosophical Magazine*, **2007**, 87, 5461-5484	1.6	12
99	Responses of 3D four-directional and five-directional circular braided composite tubes under transverse impact. *International Journal of Crashworthiness*, **2016**, 21, 353-366	1	12
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95	Impact Tension Damage Mechanism Analyses of Co-Woven-Knitted Composite from Hilbert–Huang Transform. *International Journal of Damage Mechanics*, **2012**, 21, 493-523	3	11
94	Experimental investigation and numerical simulation of three-point bending fatigue of 3D orthogonal woven composite. *Journal of the Textile Institute*, **2012**, 103, 1312-1327	1.5	11
93	Shear Behavior of 3-D Biaxial Spacer Weft Knitted Composite under High Strain Rates. *Journal of Composite Materials*, **2008**, 42, 1747-1762	2.7	11
92	Numerical analyses of thermo-mechanical behaviors of 3-D rectangular braided composite under different temperatures. *Journal of the Textile Institute*, **2015**, 106, 173-186	1.5	10
91	Structural effects of three-dimensional angle-interlock woven composite undergoing bending cyclic loading. *Science China: Physics, Mechanics and Astronomy*, **2014**, 57, 501-511	3.6	10
90	Damage Behaviors of Foam Sandwiched Composite Materials Under Quasi-Static Three-point Bending. *Applied Composite Materials*, **2013**, 20, 1231-1246	2	10
89	Coupling effect of temperature and braided angle on compressive behaviors of 3D braided carbon–epoxy composite at low temperature. *Journal of Composite Materials*, **2017**, 51, 2531-2547	2.7	10
88	Drop-weight impact damage of three-dimensional angle-interlock woven composites. *Journal of Composite Materials*, **2013**, 47, 2193-2209	2.7	10
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86	Impact fracture behaviors of three-dimensional braided composite U-notch beam subjected to three-point bending. *International Journal of Damage Mechanics*, **2019**, 28, 404-426	3	10
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83	Axial compressive deformation and damage of four-step 3-D circular braided composite tubes under various strain rates. *Journal of the Textile Institute*, **2016**, 107, 1584-1600	1.5	9
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80	Frequency features of basalt filament tows under quasi-static and high strain rate tension. *Journal of Composite Materials*, **2012**, 46, 1285-1293	2.7	9
79	Progressive failure of inter-woven carbon-Dyneema fabric reinforced hybrid composites. *Composite Structures*, **2019**, 211, 175-186	5.3	9
78	Electrothermal shape memory behavior and recovery force of four-dimensional printed continuous carbon fiber/polylactic acid composite. *Smart Materials and Structures*, **2021**, 30, 025040	3.4	9
77	Finite element analyses on punch shear behaviors of three-dimensional braided composites at microstructure level. *International Journal of Damage Mechanics*, **2017**, 26, 968-988	3	8
76	The bending fatigue comparison between 3D braided rectangular composites and T-beam composites. *Fibers and Polymers*, **2015**, 16, 634-639	2	8
75	Ballistic penetration damages and energy absorptions of stacked cross-plied composite fabrics and laminated panels. *International Journal of Damage Mechanics*, **2020**, 29, 1465-1484	3	8
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73	Crack spatial distributions and dynamic thermomechanical properties of 3D braided composites during thermal oxygen ageing. *Composites Part A: Applied Science and Manufacturing*, **2021**, 144, 106355	8.4	8
72	Comparisons on impact fracture behavior between three-dimensional four directional and five directional braided composite materials. *International Journal of Damage Mechanics*, **2019**, 28, 990-1020	3	8
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67	Multi-scale structure finite element analyses of damage behaviors of multi-axial warp-knitted composite materials subjected to quasi-static and high strain rate compressions. *Journal of the Textile Institute*, **2016**, 107, 879-904	1.5	7
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