

Tomohiro Yokozeki

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7780660/publications.pdf>

Version: 2024-02-01

148
papers

3,551
citations

136740

32
h-index

161609

54
g-index

148
all docs

148
docs citations

148
times ranked

2305
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanical properties of corrugated composites for candidate materials of flexible wing structures. Composites Part A: Applied Science and Manufacturing, 2006, 37, 1578-1586.	3.8	236
2	Mechanical properties of CFRP laminates manufactured from unidirectional prepregs using CSCNT-dispersed epoxy. Composites Part A: Applied Science and Manufacturing, 2007, 38, 2121-2130.	3.8	182
3	Experimental characterization of strength and damage resistance properties of thin-ply carbon fiber/toughened epoxy laminates. Composite Structures, 2008, 82, 382-389.	3.1	178
4	Matrix cracking behaviors in carbon fiber/epoxy laminates filled with cup-stacked carbon nanotubes (CSCNTs). Composites Part A: Applied Science and Manufacturing, 2007, 38, 917-924.	3.8	152
5	Damage characterization in thin-ply composite laminates under out-of-plane transverse loadings. Composite Structures, 2010, 93, 49-57.	3.1	120
6	Lightning damage suppression in a carbon fiber-reinforced polymer with a polyaniline-based conductive thermoset matrix. Composites Science and Technology, 2016, 127, 1-7.	3.8	102
7	Development of Variable Camber Morphing Airfoil Using Corrugated Structure. Journal of Aircraft, 2014, 51, 1023-1029.	1.7	93
8	Fracture toughness improvement of CFRP laminates by dispersion of cup-stacked carbon nanotubes. Composites Science and Technology, 2009, 69, 2268-2273.	3.8	92
9	A comparative study of the mechanical properties and failure behavior of carbon fiber/epoxy and carbon fiber/polyamide 6 unidirectional composites. Composite Structures, 2017, 160, 89-99.	3.1	86
10	Development and characterization of CFRP using a polyaniline-based conductive thermoset matrix. Composites Science and Technology, 2015, 117, 277-281.	3.8	70
11	Factors affecting direct lightning strike damage to fiber reinforced composites: A review. Composites Part B: Engineering, 2020, 183, 107688.	5.9	68
12	Interleaved MWCNT buckypaper between CFRP laminates to improve through-thickness electrical conductivity and reducing lightning strike damage. Composite Structures, 2019, 210, 581-589.	3.1	65
13	Nonlinear behavior and compressive strength of unidirectional and multidirectional carbon fiber composite laminates. Composites Part A: Applied Science and Manufacturing, 2006, 37, 2069-2079.	3.8	63
14	Highly conductive graphene oxide/polyaniline hybrid polymer nanocomposites with simultaneously improved mechanical properties. Composites Part A: Applied Science and Manufacturing, 2016, 82, 100-107.	3.8	63
15	Development of variable camber wing with morphing leading and trailing sections using corrugated structures. Journal of Intelligent Material Systems and Structures, 2016, 27, 2827-2836.	1.4	60
16	Effect of through-thickness electrical conductivity of CFRPs on lightning strike damages. Composites Part A: Applied Science and Manufacturing, 2018, 114, 429-438.	3.8	60
17	Effects of layup angle and ply thickness on matrix crack interaction in contiguous plies of composite laminates. Composites Part A: Applied Science and Manufacturing, 2005, 36, 1229-1235.	3.8	59
18	Geometrically nonlinear static aeroelastic analysis of composite morphing wing with corrugated structures. Aerospace Science and Technology, 2019, 88, 244-257.	2.5	59

#	ARTICLE	IF	CITATIONS
19	Simple constitutive model for nonlinear response of fiber-reinforced composites with loading-directional dependence. <i>Composites Science and Technology</i> , 2007, 67, 111-118.	3.8	52
20	Correction method for evaluation of interfacial fracture toughness of DCB, ENF and MMB specimens with residual thermal stresses. <i>Composites Science and Technology</i> , 2008, 68, 760-767.	3.8	50
21	Enhanced thermomechanical and electrical properties of multiwalled carbon nanotube paper reinforced epoxy laminar composites. <i>Composites Part A: Applied Science and Manufacturing</i> , 2018, 104, 129-138.	3.8	50
22	Fatigue growth of matrix cracks in the transverse direction of CFRP laminates. <i>Composites Science and Technology</i> , 2002, 62, 1223-1229.	3.8	49
23	Effects of fiber nonlinear properties on the compressive strength prediction of unidirectional carbon fiber composites. <i>Composites Science and Technology</i> , 2005, 65, 2140-2147.	3.8	46
24	Electrical conductivity and interlaminar shear strength enhancement of carbon fiber reinforced polymers through synergetic effect between graphene oxide and polyaniline. <i>Composites Part A: Applied Science and Manufacturing</i> , 2016, 90, 243-249.	3.8	46
25	Evaluation of gas leakage through composite laminates with multilayer matrix cracks: Cracking angle effects. <i>Composites Science and Technology</i> , 2006, 66, 2815-2824.	3.8	42
26	Polyaniline-based all-polymeric adhesive layer: An effective lightning strike protection technology for high residual mechanical strength of CFRPs. <i>Composites Science and Technology</i> , 2019, 172, 49-57.	3.8	42
27	Overall thermoelastic properties of symmetric laminates containing obliquely crossed matrix cracks. <i>Composites Science and Technology</i> , 2005, 65, 1647-1654.	3.8	39
28	Improved environmental stability, electrical and EMI shielding properties of vapor-grown carbon fiber-filled polyaniline-based nanocomposite. <i>Polymer Engineering and Science</i> , 2019, 59, 956-963.	1.5	39
29	The decoupling electrical and thermal conductivity of fullerene/polyaniline hybrids reinforced polymer composites. <i>Composites Science and Technology</i> , 2017, 144, 160-168.	3.8	38
30	Energy release rates of bi-material interface crack including residual thermal stresses: Application of crack tip element method. <i>Engineering Fracture Mechanics</i> , 2010, 77, 84-93.	2.0	37
31	Effect of polyurethane dispersion as surface treatment for carbon fabrics on mechanical properties of carbon/Nylon composites. <i>Composites Science and Technology</i> , 2017, 151, 268-281.	3.8	36
32	Evaluation of adhesively bonded joint strength of CFRP with laser treatment. <i>Advanced Composite Materials</i> , 2016, 25, 317-327.	1.0	34
33	Effect of hot water on the mechanical performance of unidirectional carbon fiber-reinforced nylon 6 composites. <i>Composites Science and Technology</i> , 2020, 200, 108426.	3.8	32
34	Comparison of out-of-plane tensile strengths of aligned CFRP obtained by 3-point bending and direct loading tests. <i>Composites Part A: Applied Science and Manufacturing</i> , 2012, 43, 1828-1836.	3.8	30
35	Irreversible tunability of through-thickness electrical conductivity of polyaniline-based CFRP by de-doping. <i>Composites Science and Technology</i> , 2017, 152, 20-26.	3.8	29
36	Conductive layer-based multifunctional structural composites for electromagnetic interference shielding. <i>Composite Structures</i> , 2021, 261, 113293.	3.1	29

#	ARTICLE	IF	CITATIONS
37	Consecutive matrix cracking in contiguous plies of composite laminates. International Journal of Solids and Structures, 2005, 42, 2785-2802.	1.3	28
38	Experimental Cryogenic Gas Leakage Through Damaged Composite Laminates for Propellant Tank Application. Journal of Spacecraft and Rockets, 2005, 42, 363-366.	1.3	27
39	Experimental and numerical analysis of CFRP-SPCC hybrid laminates for automotive and structural applications with cost analysis assessment. Composite Structures, 2021, 263, 113707.	3.1	27
40	Effects of geometry and specimen size on out-of-plane tensile strength of aligned CFRP determined by direct tensile method. Composites Part A: Applied Science and Manufacturing, 2010, 41, 1425-1433.	3.8	26
41	The enhancement effect of carbon-based nano-fillers/polyaniline hybrids on the through-thickness electric conductivity of carbon fiber reinforced polymer. Composites Part A: Applied Science and Manufacturing, 2018, 105, 281-290.	3.8	26
42	Investigation of shear thinning behavior and microstructures of MWCNT/epoxy and CNF/epoxy suspensions under steady shear conditions. European Polymer Journal, 2012, 48, 1042-1049.	2.6	25
43	Design of MWCNT bucky paper reinforced PANI-DBSA-DVB composites with superior electrical and mechanical properties. Journal of Materials Chemistry C, 2018, 6, 12396-12406.	2.7	25
44	Transverse Crack Propagation in the Specimen Width Direction of CFRP Laminates under Static Tensile Loadings. Journal of Composite Materials, 2002, 36, 2085-2099.	1.2	24
45	Simulation on kink-band formation during axial compression of a unidirectional carbon fiber-reinforced plastic constructed by X-ray computed tomography images. Advanced Composite Materials, 2019, 28, 347-363.	1.0	23
46	Steel plate cold commercial - carbon fiber reinforced plastics hybrid laminates for automotive applications: curing perspective with thermal residual effect. Journal of Materials Research and Technology, 2021, 14, 2700-2714.	2.6	23
47	Delamination behavior and energy release rate evaluation of CFRP/SPCC hybrid laminates under ENF test: Corrected with residual thermal stresses. Composite Structures, 2020, 236, 111890.	3.1	22
48	Gas permeability of CFRP cross-ply laminates with thin-ply barrier layers under cryogenic and biaxial loading conditions. Composite Structures, 2020, 245, 112326.	3.1	21
49	Experimental and numerical studies of the open-hole compressive strength of thin-ply CFRP laminates. Composites Part A: Applied Science and Manufacturing, 2021, 145, 106365.	3.8	21
50	Effects of ply thickness and 0°-layer ratio on failure mechanism of open-hole and filled-hole tensile tests of thin-ply composite laminates. Composite Structures, 2022, 280, 114926.	3.1	21
51	Effects of core machining configuration on the debonding toughness of foam core sandwich panels. Advanced Composite Materials, 2016, 25, 45-58.	1.0	20
52	Development and Wind Tunnel Test of Variable Camber Morphing Wing. , 2014, , .		19
53	Titanium alloy foil-inserted carbon fiber/epoxy composites for cryogenic propellant tank application. Advanced Composite Materials, 2014, 23, 129-149.	1.0	18
54	Higher performance carbon fiber reinforced thermoplastic composites from thermoplastic prepreg technique: Heat and moisture effect. Composites Part B: Engineering, 2018, 154, 90-98.	5.9	18

#	ARTICLE	IF	CITATIONS
55	Fabrication of well-isolated graphene and evaluation of thermoelectric performance of polyaniline-graphene composite film. <i>Journal of Materials Science</i> , 2019, 54, 3904-3913.	1.7	18
56	Numerical analysis on the flexural strength of unidirectional CFRTP composites with in-plane fiber bundle waviness. <i>Advanced Composite Materials</i> , 2020, 29, 89-100.	1.0	18
57	Fatigue simulation for progressive damage in CFRP laminates using intra-laminar and inter-laminar fatigue damage models. <i>International Journal of Fatigue</i> , 2021, 143, 106015.	2.8	18
58	Comparison of out-of-plane tensile moduli of CFRP laminates obtained by 3-point bending and direct loading tests. <i>Composites Part A: Applied Science and Manufacturing</i> , 2014, 67, 77-85.	3.8	17
59	Reduced de-doping and enhanced electrical conductivity of polyaniline filled phenol-divinylbenzene composite for potential lightning strike protection application. <i>Synthetic Metals</i> , 2019, 249, 81-89.	2.1	17
60	Analysis of crack kinking in foam core sandwich beams. <i>Composites Part A: Applied Science and Manufacturing</i> , 2011, 42, 1493-1499.	3.8	15
61	VaRTM process of composites using porous mold. <i>Advanced Composite Materials</i> , 2013, 22, 99-107.	1.0	15
62	Mechanical Behavior of Composite Lattice Cylinders. , 2014, , .		15
63	Mechanical behavior in compression of skin-added X-lattice composite panel with corrugated ribs. <i>Composite Structures</i> , 2017, 168, 863-871.	3.1	15
64	Strain sensing behavior of multifunctional polyaniline-based thermoset polymer under static loading conditions. <i>Polymer Testing</i> , 2019, 77, 105916.	2.3	15
65	Comparison of buckling loads of hyperboloidal and cylindrical lattice structures. <i>Composite Structures</i> , 2019, 207, 877-888.	3.1	15
66	Internal low-velocity impact damage prediction in CFRP laminates using surface profiles and machine learning. <i>Composites Part B: Engineering</i> , 2022, 237, 109844.	5.9	15
67	Stress analysis of symmetric laminates with obliquely-crossed matrix cracks. <i>Advanced Composite Materials</i> , 2004, 13, 121-140.	1.0	14
68	CFRP laminate out-of-plane tensile modulus determined by direct loading. <i>Composites Part A: Applied Science and Manufacturing</i> , 2010, 41, 1538-1544.	3.8	14
69	Fracture Toughness of CFRP Adhesive Bonded Joints at Cryogenic Temperature. <i>Journal of Adhesion Science and Technology</i> , 2012, 26, 1017-1031.	1.4	14
70	Effect of polyurethane dispersion treatment on the performance improvement of carbon woven fabric-reinforced composites. <i>Journal of Thermoplastic Composite Materials</i> , 2018, 31, 408-425.	2.6	14
71	Frequency independent AC electrical conductivity and dielectric properties of polyaniline-based conductive thermosetting composite. <i>Journal of Polymer Engineering</i> , 2018, 38, 955-961.	0.6	14
72	Polyaniline-based multifunctional glass fiber reinforced conductive composite for strain monitoring. <i>Polymer Testing</i> , 2020, 87, 106547.	2.3	14

#	ARTICLE	IF	CITATIONS
73	The effect of matrix cracks on gas permeability through CFRP laminates. <i>Advanced Composite Materials</i> , 2004, 13, 227-236.	1.0	13
74	Numerical and experimental evaluation of the formation of leakage paths through CFRP cross-ply laminates with leak barrier layers. <i>Composite Structures</i> , 2019, 230, 111530.	3.1	13
75	Scavenging phenomenon and improved electrical and mechanical properties of polyaniline-divinylbenzene composite in presence of MWCNT. <i>International Journal of Mechanics and Materials in Design</i> , 2018, 14, 697-708.	1.7	12
76	Cationic scavenging by polyaniline: Boon or bane from synthesis point of view of its nanocomposites. <i>Polymer</i> , 2018, 149, 169-177.	1.8	12
77	Investigation of the Flexural Properties and Failure Behavior of Unidirectional CF/Nylon 6 and CF/Epoxy Composites. <i>Open Journal of Composite Materials</i> , 2017, 07, 227-249.	0.4	12
78	Effect of on-axis tensile loading on shear properties of an orthogonal 3D woven SiC/SiC composite. <i>Composites Science and Technology</i> , 2005, 65, 2541-2549.	3.8	11
79	In-situ observation of tensile failure mode in cross-ply CFRP laminates using Talbot-Lau interferometry. <i>Composite Structures</i> , 2020, 253, 112758.	3.1	11
80	Damage-mechanics mesoscale modeling of composite laminates considering diffuse and discrete ply damages: Effects of ply thickness. <i>Composite Structures</i> , 2021, 277, 114609.	3.1	11
81	Gas Permeability of Microcracked Laminates Under Cryogenic Conditions. , 2003, , .		10
82	Pressurization test on CFRP liner-less tanks at liquefied nitrogen temperature. <i>Advanced Composite Materials</i> , 2004, 13, 81-88.	1.0	10
83	Damage monitoring of polymer-lined carbon fibre-reinforced plastic using small-diameter fibre Bragg grating sensors. <i>Journal of Reinforced Plastics and Composites</i> , 2015, 34, 454-462.	1.6	10
84	Simulated lightning strike investigation of CFRP comprising a novel polyaniline/phenol based electrically conductive resin matrix. <i>Composites Science and Technology</i> , 2021, 214, 108971.	3.8	10
85	Wave propagation analysis of one-dimensional CFRP lattice structure. <i>Composite Structures</i> , 2021, 261, 113306.	3.1	9
86	Unidirectional CFRP kinking under uniaxial compression modeled using synchrotron radiation computed tomography imaging. <i>Composite Structures</i> , 2022, 289, 115458.	3.1	9
87	Linear and nonlinear torsional behavior of unidirectional CFRP and GFRP. <i>Composites Science and Technology</i> , 2007, 67, 3457-3464.	3.8	8
88	Evaluation of Compressive Nonlinear Response of Unidirectional Carbon Fiber Reinforced Composites using a Modified Sandwich Beam Specimen in Flexure. <i>Journal of Reinforced Plastics and Composites</i> , 2008, 27, 5-17.	1.6	8
89	Wind tunnel test of Japanese arrows with the JAXA 60-cm magnetic suspension and balance system. <i>Experiments in Fluids</i> , 2012, 53, 451-466.	1.1	8
90	Analysis on temperature-dependent deployment behavior of bi-stable composite rods. <i>Advanced Composite Materials</i> , 2019, 28, 245-257.	1.0	8

#	ARTICLE	IF	CITATIONS
91	Through-Thickness Connection of Matrix Cracks in Laminate Composites for Propellant Tank. Journal of Spacecraft and Rockets, 2005, 42, 647-653.	1.3	7
92	Torsion fatigue behavior of unidirectional carbon/epoxy and glass/epoxy composites. Composite Structures, 2009, 90, 482-489.	3.1	7
93	Multi-fidelity progressive damage simulation of notched composite laminates with various ply thicknesses. International Journal of Solids and Structures, 2022, 242, 111518.	1.3	7
94	Investigation into property control of VaRTM composites by resin infusion process. Advanced Composite Materials, 2015, 24, 495-507.	1.0	6
95	Out-of-plane tensile modulus of CFRP laminates by 3-point bending test. Advanced Composite Materials, 2015, 24, 221-237.	1.0	6
96	Simultaneous enhancement of electrical conductivity and mechanical properties in buckypaper-reinforced polydivinylbenzene(doped polyaniline) composites. Composites Science and Technology, 2018, 161, 50-56.	3.8	6
97	Synthesis and characterization of PANI/PAAEM conductive composites: Thermal, rheological, mechanical, and electrical properties. Polymer Composites, 2019, 40, 4321-4328.	2.3	6
98	Comparison of semi-doped PANI/DBSA complex achieved by thermal doping and roll-mill process: A new perspective for application. Polymer, 2020, 202, 122723.	1.8	6
99	Simplified Method for Predicting Overall Thermomechanical Properties of Cracked Composite Laminates. Journal of Reinforced Plastics and Composites, 2010, 29, 675-684.	1.6	5
100	Simplified Predictive Method of Viscosity of Nanofiber-Dispersed Polymer Suspensions. Advanced Composite Materials, 2011, 20, 537-546.	1.0	5
101	Semi-Empirical Modeling of Gas Permeability Induced by Multilayer Matrix Cracks in Composite Laminates. Multidiscipline Modeling in Materials and Structures, 2007, 3, 383-398.	0.6	4
102	Stability of Skin Added Lattice Structure. , 2015, , .		4
103	Introducing a curable dopant with methacrylate functionality for polyaniline based composites. Polymer Testing, 2019, 73, 171-177.	2.3	4
104	Electrically conductive carbon fiber layers as lightning strike protection for non-conductive epoxy-based CFRP substrate. Journal of Composite Materials, 2020, 54, 4547-4555.	1.2	4
105	Multi-fidelity Aeroelastic Simulation of a Morphing Wing Trailing Edge. , 2021, , .		4
106	Matrix Crack Accumulation Behavior in Multiple Plies of CFRP Laminates. Journal of the Japan Society for Composite Materials, 2005, 31, 31-37.	0.1	4
107	Mode II Fracture Toughness of CFRP Adhesive Bonded Structure at Cryogenic Temperature. Journal of the Japan Society for Composite Materials, 2011, 37, 130-137.	0.1	4
108	Characterization of Nonlinear Behaviors of CSCNT/Carbon Fiber-Reinforced Epoxy Laminates. Advanced Composite Materials, 2009, 18, 251-264.	1.0	3

#	ARTICLE	IF	CITATIONS
109	On the specimen for interfacial fracture toughness evaluation of foam-core sandwich structures. <i>Advanced Composite Materials</i> , 2012, 21, 491-503.	1.0	3
110	Damage characterization and numerical modeling of titanium matrix composites subjected to low-velocity impact for landing gear application. <i>Advanced Composite Materials</i> , 2015, 24, 343-358.	1.0	3
111	Optimum Morphing Shape Design for Morphing Wing with Corrugated Structure Using RBF Network. , 2018, , 916-930.		3
112	Shock wave filtering of two-dimensional CFRP X-lattice structures: A numerical investigation. <i>Composite Structures</i> , 2021, 265, 113743.	3.1	3
113	Research on the Damage Behaviors of CFRP Laminates with Polymer Films for Cryogenic Tank Application. <i>Journal of the Japan Society for Composite Materials</i> , 2008, 34, 3-13.	0.1	3
114	Out-of-Plane Tensile Modulus of CFRP Laminates by 3-Point Bending Test. <i>Journal of the Japan Society for Composite Materials</i> , 2013, 39, 184-192.	0.1	3
115	Experiments on the mode II fracture toughness in ENF tests of CFRP curved beams. <i>Composite Structures</i> , 2022, 292, 115692.	3.1	3
116	Electrically conductive carbon fiber reinforced plastics induced by uneven distribution of polyaniline composite micron-sized particles in thermosetting matrix. <i>Composites Science and Technology</i> , 2022, 228, 109642.	3.8	3
117	Transverse crack propagation process across the specimen width in toughened CFRP laminates. , 2001, , .		2
118	Evaluation Method of Adhesive Fracture Toughness Based on Double Cantilever Beam (DCB) Tests Including Residual Thermal Stresses. <i>Advanced Composite Materials</i> , 2008, 17, 301-317.	1.0	2
119	Evaluation of Viscosity of CNT-dispersed Polymer under Various Processing Conditions. <i>Journal of the Japan Society for Composite Materials</i> , 2010, 36, 19-24.	0.1	2
120	Aero-Structural Evaluation of Morphing Control Surface Using Corrugated Panels. <i>Transactions of the Japan Society for Aeronautical and Space Sciences Aerospace Technology Japan</i> , 2017, 15, a7-a15.	0.1	2
121	Nonlinear Aeroelasticity of Morphing Wings with Corrugated Structures. , 2019, , .		2
122	Structural and Aerodynamic Models for Aeroelastic Analysis of Corrugated Morphing Wings. , 2020, , .		2
123	Aero-structural Analysis of Corrugated Morphing Wing with Spanwise Camber Change. , 2020, , .		2
124	Analytical study on the thermal deformation of ultralight phased array antenna. <i>Acta Astronautica</i> , 2021, 188, 531-544.	1.7	2
125	Thickness threshold study of polyaniline-based lightning strike protection coating for carbon/glass fiber reinforced polymer composites. <i>Composite Structures</i> , 2022, 280, 114954.	3.1	2
126	Aeroservoelastic Characteristics of a Corrugated Morphing Control Surface. <i>International Journal of Aeronautical and Space Sciences</i> , 0, , .	1.0	2

#	ARTICLE	IF	CITATIONS
127	Dataset for surface and internal damage after impact on CFRP laminates. Data in Brief, 2022, 43, 108462.	0.5	2
128	Pressurization of CF/Epoxy Model Tank at LN2 Temperature and Identification of Leak Path Formation in Tank Wall. , 2004, , .		1
129	Some of the Topics in Composites Research Projects in Japan. , 2009, , .		1
130	Simulation on the mechanical performance and fracture behavior of unidirectional carbon fiber-reinforced composites. Journal of Composite Materials, 0, , 002199832110201.	1.2	1
131	Effectiveness of Lightning Damage Protection of CFRP with Polyaniline-Based Conductive Thermoset Matrix. Journal of the Japan Society for Aeronautical and Space Sciences, 2016, 64, 223-228.	0.0	1
132	Experimental Investigation of the Compression after Impact Strength of Curved CFRP Laminates. Journal of the Japan Society for Composite Materials, 2018, 44, 83-91.	0.1	1
133	Theory for deformation of laminate with multiple inhomogeneous inclusions. International Journal of Solids and Structures, 2022, 234-235, 111291.	1.3	1
134	Analysis of mode II strain energy release rates in end-notched flexure tests of carbon fiber-reinforced plastic curved beams. Composite Structures, 2022, 281, 115038.	3.1	1
135	Evaluation of the In-situ Damage and Strength Properties of Thin-ply CFRP Laminates by Micro-scale Finite Element Analysis. Journal of the Japan Society for Composite Materials, 2020, 46, 212-222.	0.1	1
136	Structural design of Super Pressure Balloon Habitat on the moon. Acta Astronautica, 2022, 195, 183-203.	1.7	1
137	Permeation-after-impact Properties of CFRP Laminates for Use on Propellant Tank. Transactions of the Japan Society for Aeronautical and Space Sciences Space Technology Japan, 2009, 7, Pc_19-Pc_23.	0.2	0
138	Detection of wrinkles in membrane structures by elastic wave propagation. , 2013, , .		0
139	Analysis of the Effect of a Wrinkle on the Elastic Wave Propagation in Membrane Structures. , 2014, , .		0
140	Effect of grid geometry on mechanical behavior of skin added lattice structure under axial compression. , 2017, , .		0
141	Study of efficient fluid-structure interaction analysis for morphing wing with corrugated structures. Transactions of the JSME (in Japanese), 2019, 85, 19-00083-19-00083.	0.1	0
142	Effect of heat and moisture on mechanical performance of composite materials used in automotive structures. , 2021, , 377-399.		0
143	Energy Release Rate Associated with Interfacial Crack Growth of Laminates Including Residual Thermal Stresses: Application of Crack Tip Element Method. Journal of the Japan Society for Composite Materials, 2009, 35, 99-105.	0.1	0
144	Simplified Predictive Model of Viscosity of Nanoparticle-Dispersed Polymer. Journal of the Japan Society for Composite Materials, 2011, 37, 58-62.	0.1	0

#	ARTICLE	IF	CITATIONS
145	Analytical Study on the Fracture Toughness Characterization Tests of Foam Core Sandwich Specimens. Journal of the Japan Society for Aeronautical and Space Sciences, 2011, 59, 16-23.	0.0	0
146	On the Specimen for Evaluation of Interfacial Fracture Toughness of Foam-core Sandwich Structures. Journal of the Japan Society for Composite Materials, 2012, 38, 93-100.	0.1	0
147	Lightning Strike Damage of CF/Epoxy Composite Laminates with Conductive Polymer Layers. Lecture Notes in Mechanical Engineering, 2020, , 1022-1030.	0.3	0
148	Transient Response of a Wing with Corrugated Morphing Control Surfaces. , 2022, , .		0