

Tomohiro Yokozeki

List of Publications by Citations

Source: <https://exaly.com/author-pdf/7780660/tomohiro-yokozeki-publications-by-citations.pdf>

Version: 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

139
papers

2,584
citations

27
h-index

46
g-index

148
ext. papers

3,078
ext. citations

4.6
avg, IF

5.45
L-index

#	Paper	IF	Citations
139	Mechanical properties of corrugated composites for candidate materials of flexible wing structures. <i>Composites Part A: Applied Science and Manufacturing</i> , 2006 , 37, 1578-1586	8.4	190
138	Mechanical properties of CFRP laminates manufactured from unidirectional prepregs using CSCNT-dispersed epoxy. <i>Composites Part A: Applied Science and Manufacturing</i> , 2007 , 38, 2121-2130	8.4	159
137	Experimental characterization of strength and damage resistance properties of thin-ply carbon fiber/toughened epoxy laminates. <i>Composite Structures</i> , 2008 , 82, 382-389	5.3	142
136	Matrix cracking behaviors in carbon fiber/epoxy laminates filled with cup-stacked carbon nanotubes (CSCNTs). <i>Composites Part A: Applied Science and Manufacturing</i> , 2007 , 38, 917-924	8.4	134
135	Damage characterization in thin-ply composite laminates under out-of-plane transverse loadings. <i>Composite Structures</i> , 2010 , 93, 49-57	5.3	89
134	Fracture toughness improvement of CFRP laminates by dispersion of cup-stacked carbon nanotubes. <i>Composites Science and Technology</i> , 2009 , 69, 2268-2273	8.6	83
133	Lightning damage suppression in a carbon fiber-reinforced polymer with a polyaniline-based conductive thermoset matrix. <i>Composites Science and Technology</i> , 2016 , 127, 1-7	8.6	77
132	A comparative study of the mechanical properties and failure behavior of carbon fiber/epoxy and carbon fiber/polyamide 6 unidirectional composites. <i>Composite Structures</i> , 2017 , 160, 89-99	5.3	72
131	Development of Variable Camber Morphing Airfoil Using Corrugated Structure. <i>Journal of Aircraft</i> , 2014 , 51, 1023-1029	1.6	70
130	Development and characterization of CFRP using a polyaniline-based conductive thermoset matrix. <i>Composites Science and Technology</i> , 2015 , 117, 277-281	8.6	62
129	Nonlinear behavior and compressive strength of unidirectional and multidirectional carbon fiber composite laminates. <i>Composites Part A: Applied Science and Manufacturing</i> , 2006 , 37, 2069-2079	8.4	49
128	Effects of layup angle and ply thickness on matrix crack interaction in contiguous plies of composite laminates. <i>Composites Part A: Applied Science and Manufacturing</i> , 2005 , 36, 1229-1235	8.4	48
127	Interleaved MWCNT buckypaper between CFRP laminates to improve through-thickness electrical conductivity and reducing lightning strike damage. <i>Composite Structures</i> , 2019 , 210, 581-589	5.3	47
126	Highly conductive graphene oxide/polyaniline hybrid polymer nanocomposites with simultaneously improved mechanical properties. <i>Composites Part A: Applied Science and Manufacturing</i> , 2016 , 82, 100-107	8.4	44
125	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	8.6	43
124	Fatigue growth of matrix cracks in the transverse direction of CFRP laminates. <i>Composites Science and Technology</i> , 2002 , 62, 1223-1229	8.6	41
123	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	8.6	40

122	Simple constitutive model for nonlinear response of fiber-reinforced composites with loading-directional dependence. <i>Composites Science and Technology</i> , 2007 , 67, 111-118	8.6	39
121	Overall thermoelastic properties of symmetric laminates containing obliquely crossed matrix cracks. <i>Composites Science and Technology</i> , 2005 , 65, 1647-1654	8.6	38
120	Effect of through-thickness electrical conductivity of CFRPs on lightning strike damages. <i>Composites Part A: Applied Science and Manufacturing</i> , 2018 , 114, 429-438	8.4	38
119	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	8.4	37
118	Development of variable camber wing with morphing leading and trailing sections using corrugated structures. <i>Journal of Intelligent Material Systems and Structures</i> , 2016 , 27, 2827-2836	2.3	37
117	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	8.4	35
116	Evaluation of gas leakage through composite laminates with multilayer matrix cracks: Cracking angle effects. <i>Composites Science and Technology</i> , 2006 , 66, 2815-2824	8.6	32
115	The decoupling electrical and thermal conductivity of fullerene/polyaniline hybrids reinforced polymer composites. <i>Composites Science and Technology</i> , 2017 , 144, 160-168	8.6	31
114	Factors affecting direct lightning strike damage to fiber reinforced composites: A review. <i>Composites Part B: Engineering</i> , 2020 , 183, 107688	10	31
113	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	4.2	29
112	Geometrically nonlinear static aeroelastic analysis of composite morphing wing with corrugated structures. <i>Aerospace Science and Technology</i> , 2019 , 88, 244-257	4.9	27
111	Evaluation of adhesively bonded joint strength of CFRP with laser treatment. <i>Advanced Composite Materials</i> , 2016 , 25, 317-327	2.8	27
110	Consecutive matrix cracking in contiguous plies of composite laminates. <i>International Journal of Solids and Structures</i> , 2005 , 42, 2785-2802	3.1	27
109	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	2.3	24
108	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	8.6	24
107	Irreversible tunability of through-thickness electrical conductivity of polyaniline-based CFRP by de-doping. <i>Composites Science and Technology</i> , 2017 , 152, 20-26	8.6	24
106	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	8.6	24
105	Effects of geometry and specimen size on out-of-plane tensile strength of aligned CFRP determined by direct tensile method. <i>Composites Part A: Applied Science and Manufacturing</i> , 2010 , 41, 1425-1433	8.4	23

104	Design of MWCNT bucky paper reinforced PANI/DBSA/DVB composites with superior electrical and mechanical properties. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 12396-12406	7.1	23
103	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	8.4	22
102	Experimental Cryogenic Gas Leakage Through Damaged Composite Laminates for Propellant Tank Application. <i>Journal of Spacecraft and Rockets</i> , 2005 , 42, 363-366	1.5	22
101	Transverse Crack Propagation in the Specimen Width Direction of CFRP Laminates under Static Tensile Loadings. <i>Journal of Composite Materials</i> , 2002 , 36, 2085-2099	2.7	22
100	The enhancement effect of carbon-based nano-fillers/polyaniline hybrids on the through-thickness electric conductivity of carbon fiber reinforced polymer. <i>Composites Part A: Applied Science and Manufacturing</i> , 2018 , 105, 281-290	8.4	20
99	Investigation of shear thinning behavior and microstructures of MWCNT/epoxy and CNF/epoxy suspensions under steady shear conditions. <i>European Polymer Journal</i> , 2012 , 48, 1042-1049	5.2	18
98	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	8.6	18
97	Simulation on kink-band formation during axial compression of a unidirectional carbon fiber-reinforced plastic constructed by X-ray computed tomography images. <i>Advanced Composite Materials</i> , 2019 , 28, 347-363	2.8	17
96	Effects of core machining configuration on the debonding toughness of foam core sandwich panels. <i>Advanced Composite Materials</i> , 2016 , 25, 45-58	2.8	16
95	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	8.4	15
94	VaRTM process of composites using porous mold. <i>Advanced Composite Materials</i> , 2013 , 22, 99-107	2.8	14
93	Stress analysis of symmetric laminates with obliquely-crossed matrix cracks. <i>Advanced Composite Materials</i> , 2004 , 13, 121-140	2.8	14
92	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	3.6	13
91	Higher performance carbon fiber reinforced thermoplastic composites from thermoplastic prepreg technique: Heat and moisture effect. <i>Composites Part B: Engineering</i> , 2018 , 154, 90-98	10	13
90	Titanium alloy foil-inserted carbon fiber/epoxy composites for cryogenic propellant tank application. <i>Advanced Composite Materials</i> , 2014 , 23, 129-149	2.8	13
89	CFRP laminate out-of-plane tensile modulus determined by direct loading. <i>Composites Part A: Applied Science and Manufacturing</i> , 2010 , 41, 1538-1544	8.4	13
88	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	2.8	13
87	Mechanical behavior in compression of skin-added X-lattice composite panel with corrugated ribs. <i>Composite Structures</i> , 2017 , 168, 863-871	5.3	12

86	Analysis of crack kinking in foam core sandwich beams. <i>Composites Part A: Applied Science and Manufacturing</i> , 2011 , 42, 1493-1499	8.4	12
85	Conductive layer-based multifunctional structural composites for electromagnetic interference shielding. <i>Composite Structures</i> , 2021 , 261, 113293	5.3	12
84	Frequency independent AC electrical conductivity and dielectric properties of polyaniline-based conductive thermosetting composite. <i>Journal of Polymer Engineering</i> , 2018 , 38, 955-961	1.4	12
83	Strain sensing behavior of multifunctional polyaniline-based thermoset polymer under static loading conditions. <i>Polymer Testing</i> , 2019 , 77, 105916	4.5	11
82	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	1.1	11
81	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	4.3	11
80	Polyaniline-based multifunctional glass fiber reinforced conductive composite for strain monitoring. <i>Polymer Testing</i> , 2020 , 87, 106547	4.5	10
79	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	2.5	10
78	Fracture Toughness of CFRP Adhesive Bonded Joints at Cryogenic Temperature. <i>Journal of Adhesion Science and Technology</i> , 2012 , 26, 1017-1031	2	10
77	The effect of matrix cracks on gas permeability through CFRP laminates. <i>Advanced Composite Materials</i> , 2004 , 13, 227-236	2.8	10
76	Gas Permeability of Microcracked Laminates Under Cryogenic Conditions 2003 ,		10
75	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	8.6	9
74	Mechanical Behavior of Composite Lattice Cylinders 2014 ,		8
73	Development and Wind Tunnel Test of Variable Camber Morphing Wing 2014 ,		8
72	Comparison of buckling loads of hyperboloidal and cylindrical lattice structures. <i>Composite Structures</i> , 2019 , 207, 877-888	5.3	8
71	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	2.9	7
70	Delamination behavior and energy release rate evaluation of CFRP/SPCC hybrid laminates under ENF test: Corrected with residual thermal stresses. <i>Composite Structures</i> , 2020 , 236, 111890	5.3	7
69	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	2.5	7

68	Linear and nonlinear torsional behavior of unidirectional CFRP and GFRP. <i>Composites Science and Technology</i> , 2007 , 67, 3457-3464	8.6	7
67	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	5	7
66	Cationic scavenging by polyaniline: Boon or bane from synthesis point of view of its nanocomposites. <i>Polymer</i> , 2018 , 149, 169-177	3.9	7
65	Out-of-plane tensile modulus of CFRP laminates by 3-point bending test. <i>Advanced Composite Materials</i> , 2015 , 24, 221-237	2.8	6
64	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	1.9	6
63	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	2.9	6
62	Pressurization test on CFRP liner-less tanks at liquefied nitrogen temperature. <i>Advanced Composite Materials</i> , 2004 , 13, 81-88	2.8	6
61	Investigation into property control of VaRTM composites by resin infusion process. <i>Advanced Composite Materials</i> , 2015 , 24, 495-507	2.8	5
60	Gas permeability of CFRP cross-ply laminates with thin-ply barrier layers under cryogenic and biaxial loading conditions. <i>Composite Structures</i> , 2020 , 245, 112326	5.3	5
59	Analysis on temperature-dependent deployment behavior of bi-stable composite rods. <i>Advanced Composite Materials</i> , 2019 , 28, 245-257	2.8	5
58	Simplified Method for Predicting Overall Thermomechanical Properties of Cracked Composite Laminates. <i>Journal of Reinforced Plastics and Composites</i> , 2010 , 29, 675-684	2.9	5
57	Torsion fatigue behavior of unidirectional carbon/epoxy and glass/epoxy composites. <i>Composite Structures</i> , 2009 , 90, 482-489	5.3	5
56	Simplified Predictive Method of Viscosity of Nanofiber-Dispersed Polymer Suspensions. <i>Advanced Composite Materials</i> , 2011 , 20, 537-546	2.8	5
55	Through-Thickness Connection of Matrix Cracks in Laminate Composites for Propellant Tank. <i>Journal of Spacecraft and Rockets</i> , 2005 , 42, 647-653	1.5	5
54	In-situ observation of tensile failure mode in cross-ply CFRP laminates using Talbot-Lau interferometry. <i>Composite Structures</i> , 2020 , 253, 112758	5.3	5
53	Synthesis and characterization of PANI/P-2M conductive composites: Thermal, rheological, mechanical, and electrical properties. <i>Polymer Composites</i> , 2019 , 40, 4321-4328	3	4
52	Simultaneous enhancement of electrical conductivity and mechanical properties in buckypaper-reinforced polydivinylbenzene(doped polyaniline) composites. <i>Composites Science and Technology</i> , 2018 , 161, 50-56	8.6	4
51	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	5.3	4

50	Mode II Fracture Toughness of CFRP Adhesive Bonded Structure at Cryogenic Temperature. <i>Journal of the Japan Society for Composite Materials</i> , 2011 , 37, 130-137	0.1	4
49	Experimental and numerical studies of the open-hole compressive strength of thin-ply CFRP laminates. <i>Composites Part A: Applied Science and Manufacturing</i> , 2021 , 145, 106365	8.4	4
48	Steel plate cold commercial - carbon fiber reinforced plastics hybrid laminates for automotive applications: curing perspective with thermal residual effect. <i>Journal of Materials Research and Technology</i> , 2021 , 14, 2700-2714	5.5	4
47	Damage-mechanics mesoscale modeling of composite laminates considering diffuse and discrete ply damages: Effects of ply thickness. <i>Composite Structures</i> , 2021 , 277, 114609	5.3	4
46	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	2.8	3
45	Electrically conductive carbon fiber layers as lightning strike protection for non-conductive epoxy-based CFRP substrate. <i>Journal of Composite Materials</i> , 2020 , 54, 4547-4555	2.7	3
44	Stability of Skin Added Lattice Structure 2015 ,		3
43	Characterization of Nonlinear Behaviors of CSCNT/Carbon Fiber-Reinforced Epoxy Laminates. <i>Advanced Composite Materials</i> , 2009 , 18, 251-264	2.8	3
42	On the specimen for interfacial fracture toughness evaluation of foam-core sandwich structures. <i>Advanced Composite Materials</i> , 2012 , 21, 491-503	2.8	3
41	Matrix Crack Accumulation Behavior in Multiple Plies of CFRP Laminates. <i>Journal of the Japan Society for Composite Materials</i> , 2005 , 31, 31-37	0.1	3
40	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
39	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
38	Comparison of semi-doped PANI/DBSA complex achieved by thermal doping and roll-mill process: A new perspective for application. <i>Polymer</i> , 2020 , 202, 122723	3.9	3
37	Experimental and numerical analysis of CFRP-SPCC hybrid laminates for automotive and structural applications with cost analysis assessment. <i>Composite Structures</i> , 2021 , 263, 113707	5.3	3
36	Wave propagation analysis of one-dimensional CFRP lattice structure. <i>Composite Structures</i> , 2021 , 261, 113306	5.3	3
35	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	8.6	3
34	Nonlinear Aeroelasticity of Morphing Wings with Corrugated Structures 2019 ,		2
33	Optimum Morphing Shape Design for Morphing Wing with Corrugated Structure Using RBF Network 2018 , 916-930		2

32	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
31	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	2.8	2
30	Semi-Empirical Modeling of Gas Permeability Induced by Multilayer Matrix Cracks in Composite Laminates. <i>Multidiscipline Modeling in Materials and Structures</i> , 2007 , 3, 383-398	2.2	2
29	Transverse crack propagation process across the specimen width in toughened CFRP laminates 2001 ,		2
28	Effects of ply thickness and 0°-layer ratio on failure mechanism of open-hole and filled-hole tensile tests of thin-ply composite laminates. <i>Composite Structures</i> , 2021 , 114926	5.3	2
27	Introducing a curable dopant with methacrylate functionality for polyaniline based composites. <i>Polymer Testing</i> , 2019 , 73, 171-177	4.5	2
26	Aero-structural Analysis of Corrugated Morphing Wing with Spanwise Camber Change 2020 ,		1
25	Some of the Topics in Composites Research Projects in Japan 2009 ,		1
24	Thickness threshold study of polyaniline-based lightning strike protection coating for carbon/glass fiber reinforced polymer composites. <i>Composite Structures</i> , 2021 , 280, 114954	5.3	1
23	Analysis of mode II strain energy release rates in end-notched flexure tests of carbon fiber-reinforced plastic curved beams. <i>Composite Structures</i> , 2021 , 281, 115038	5.3	1
22	Evaluation of the In-situ Damage and Strength Properties of Thin-ply CFRP Laminates by Micro-scale Finite Element Analysis. <i>Journal of the Japan Society for Composite Materials</i> , 2020 , 46, 212-222	9.1	1
21	Effectiveness of Lightning Damage Protection of CFRP with Polyaniline-Based Conductive Thermoset Matrix. <i>Journal of the Japan Society for Aeronautical and Space Sciences</i> , 2016 , 64, 223-228	0.1	1
20	Experimental Investigation of the Compression after Impact Strength of Curved CFRP Laminates. <i>Journal of the Japan Society for Composite Materials</i> , 2018 , 44, 83-91	0.1	1
19	Shock wave filtering of two-dimensional CFRP X-lattice structures: A numerical investigation. <i>Composite Structures</i> , 2021 , 265, 113743	5.3	1
18	Multi-fidelity Aeroelastic Simulation of a Morphing Wing Trailing Edge 2021 ,		1
17	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	0.3	0
16	Analytical study on the thermal deformation of ultralight phased array antenna. <i>Acta Astronautica</i> , 2021 , 188, 531-544	2.9	0
15	Internal low-velocity impact damage prediction in CFRP laminates using surface profiles and machine learning. <i>Composites Part B: Engineering</i> , 2022 , 237, 109844	10	0

14	Multi-fidelity progressive damage simulation of notched composite laminates with various ply thicknesses. <i>International Journal of Solids and Structures</i> , 2022 , 242, 111518	3.1	0
13	Unidirectional CFRP kinking under uniaxial compression modeled using synchrotron radiation computed tomography imaging. <i>Composite Structures</i> , 2022 , 289, 115458	5.3	0
12	Experiments on the mode II fracture toughness in ENF tests of CFRP curved beams. <i>Composite Structures</i> , 2022 , 292, 115692	5.3	0
11	Study of efficient fluid-structure interaction analysis for morphing wing with corrugated structures. <i>Transactions of the JSME (in Japanese)</i> , 2019 , 85, 19-00083-19-00083	0.2	
10	Permeation-after-impact Properties of CFRP Laminates for Use on Propellant Tank. <i>Transactions of the Japan Society for Aeronautical and Space Sciences Space Technology Japan</i> , 2009 , 7, Pc_19-Pc_23		
9	Lightning Strike Damage of CF/Epoxy Composite Laminates with Conductive Polymer Layers. <i>Lecture Notes in Mechanical Engineering</i> , 2020 , 1022-1030	0.4	
8	Theory for deformation of laminate with multiple inhomogeneous inclusions. <i>International Journal of Solids and Structures</i> , 2022 , 234-235, 111291	3.1	
7	Energy Release Rate Associated with Interfacial Crack Growth of Laminates Including Residual Thermal Stresses: Application of Crack Tip Element Method. <i>Journal of the Japan Society for Composite Materials</i> , 2009 , 35, 99-105	0.1	
6	Simplified Predictive Model of Viscosity of Nanoparticle-Dispersed Polymer. <i>Journal of the Japan Society for Composite Materials</i> , 2011 , 37, 58-62	0.1	
5	Analytical Study on the Fracture Toughness Characterization Tests of Foam Core Sandwich Specimens. <i>Journal of the Japan Society for Aeronautical and Space Sciences</i> , 2011 , 59, 16-23	0.1	
4	On the Specimen for Evaluation of Interfacial Fracture Toughness of Foam-core Sandwich Structures. <i>Journal of the Japan Society for Composite Materials</i> , 2012 , 38, 93-100	0.1	
3	Simulation on the mechanical performance and fracture behavior of unidirectional carbon fiber-reinforced composites. <i>Journal of Composite Materials</i> , 002199832110201	2.7	
2	Effect of heat and moisture on mechanical performance of composite materials used in automotive structures 2021 , 377-399		
1	Structural design of Super Pressure Balloon Habitat on the moon. <i>Acta Astronautica</i> , 2022 , 195, 183-203	2.9	