

Yoshinbou Shimamura

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/7994199/yoshinbou-shimamura-publications-by-year.pdf>

Version: 2024-04-24

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.

239
papers

2,273
citations

25
h-index

42
g-index

253
ext. papers

2,588
ext. citations

3
avg, IF

5.06
L-index

#	Paper	IF	Citations
239	Susceptibility to intergranular corrosion in sensitized austenitic stainless steel characterized via crystallographic characteristics of grain boundaries. <i>Corrosion Science</i> , 2022 , 195, 109946	6.8	0
238	Uniform porous and functionally graded porous titanium fabricated via space holder technique with spark plasma sintering for biomedical applications. <i>Advanced Powder Technology</i> , 2022 , 33, 103598	4.6	2
237	Study on the mechanical and electrical properties of twisted CNT yarns fabricated from CNTs with various diameters. <i>Carbon</i> , 2021 , 176, 400-410	10.4	6
236	Analysis of the early stage of stress corrosion cracking in austenitic stainless steel by EBSD and XRD. <i>Materials Characterization</i> , 2021 , 172, 110882	3.9	4
235	Spark Plasma Sintering of PSZ-Ti Composites Using Ceramic-Coated Ti Powder to Suppress Sintering Reactions. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2021 , 52, 1443-1452	2.3	0
234	Interfacial Properties of Bonded Dissimilar Materials Fabricated via Spark Plasma Sintering. <i>Materials Transactions</i> , 2021 , 62, 1102-1108	1.3	0
233	Proposal of Analytical Model of Tensile Property of Untwisted Carbon Nanotube Yarn and Estimation of Tensile Property of Carbon Nanotube. <i>Materials Transactions</i> , 2021 , 62, 1291-1297	1.3	1
232	Mechanical criterion for nucleation of intergranular stress corrosion cracking in austenitic stainless steel. <i>Forces in Mechanics</i> , 2021 , 3, 100013	1.5	
231	Proposal of an alternating bending technique for evaluating low-to-high cycle fatigue of structural steels. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2020 , 43, 1917-1927	3	1
230	Mechanical Characterization on Solvent Treated Cellulose Nanofiber Preforms Using Solution Dipping-Hot Press Technique. <i>Nanomaterials</i> , 2020 , 10,	5.4	2
229	Crystallographic Evaluation of Susceptibility to Intergranular Corrosion in Austenitic Stainless Steel with Various Degrees of Sensitization. <i>Materials</i> , 2020 , 13,	3.5	8
228	Effect of orthotropic electric resistance on delamination detection with electric resistance change method 2020 , 237-244		
227	Very High-Cycle Fatigue Characteristics of Cross-Ply CFRP Laminates in Transverse Crack Initiation. <i>Lecture Notes in Mechanical Engineering</i> , 2020 , 838-846	0.4	
226	Proposal of Analytical Model of Tensile Property of Untwisted Carbon Nanotube Yarn and Estimation of Tensile Property of Carbon Nanotube. <i>Zairyo/Journal of the Society of Materials Science, Japan</i> , 2020 , 69, 847-854	0.1	
225	Effect of Variable Loading on Very High Cycle Fretting Fatigue of Chromium-Molybdenum Steel. <i>Springer Proceedings in Physics</i> , 2020 , 143-149	0.2	
224	Investigation on nucleation of intergranular stress corrosion cracking in austenitic stainless steel by in situ strain measurement. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2020 , 773, 138858	5.3	4
223	Fabrication of High-Strength Zr-Based Composites by Spark Plasma Sintering. <i>Journal of Materials Engineering and Performance</i> , 2020 , 29, 7883-7890	1.6	

222	Investigation of physical and mechanical properties of nano-pulverized cellulose nanofiber preform sheets for CNF thermoset nanocomposites application. <i>Wood Science and Technology</i> , 2020 , 54, 1349-1362	2.5	1
221	Effects of high-temperature thermal annealing on properties of aligned multi-walled carbon nanotube sheets and their composites. <i>Composite Interfaces</i> , 2020 , 27, 569-586	2.3	4
220	Property improvement of CNT spun yarns and their composites through pressing, stretching and tensioning. <i>Advanced Composite Materials</i> , 2019 , 28, 507-524	2.8	6
219	Strain-based approach to investigate intergranular stress corrosion crack initiation on a smooth surface of austenitic stainless steel. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2019 , 756, 518-527	5.3	10
218	Feasibility Study on Application of Synchrotron Radiation CT Imaging to Alloy Steel for Non-Destructive Inspection of Inclusions. <i>Metals</i> , 2019 , 9, 527	2.3	2
217	Infrared-driven poly(vinylidene difluoride)/tungsten oxide pyroelectric generator for non-contact energy harvesting. <i>Composites Science and Technology</i> , 2019 , 178, 26-32	8.6	9
216	Crystallographic and mechanical investigation of intergranular stress corrosion crack initiation in austenitic stainless steel. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2019 , 751, 160-170	5.3	17
215	Investigation of intergranular stress corrosion crack initiation based on in situ strain measurement. <i>The Abstracts of ATEM International Conference on Advanced Technology in Experimental Mechanics Asian Conference on Experimental Mechanics</i> , 2019 , 2019, 1009A1000	0	
214	Evaluation of Very High Cycle Fatigue Property of Quasi-Isotropic CFRP Laminate by Ultrasonic Fatigue Testing Machine. <i>The Proceedings of the Materials and Mechanics Conference</i> , 2019 , 2019, OS1914	0	1
213	Monte Carlo Simulation Based on SCC Test Results in Hydrogenated Steam Environment for Alloy 600. <i>Minerals, Metals and Materials Series</i> , 2019 , 1551-1561	0.3	
212	Fretting Fatigue Behaviour of Alloy Steel in the Very High Cycle Region. <i>MATEC Web of Conferences</i> , 2019 , 300, 18002	0.3	
211	Improved mechanical properties of aligned multi-walled carbon nanotube/thermoplastic polyimide composites by hot stretching. <i>Journal of Composite Materials</i> , 2019 , 53, 1241-1253	2.7	4
210	Characterization of stress corrosion crack growth in austenitic stainless steel under variable loading in small- and large-scale yielding conditions. <i>Engineering Fracture Mechanics</i> , 2019 , 205, 94-107	4.2	6
209	Fabrication of alumina-PSZ composites via spark plasma sintering and their mechanical properties. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2019 , 91, 45-53	4.1	6
208	Fabrication of alumina-titanium composites by spark plasma sintering and their mechanical properties. <i>Journal of Alloys and Compounds</i> , 2018 , 744, 759-768	5.7	27
207	Periodic surface cracks in an interpenetrating phase composite under a thermal shock. <i>International Journal of Mechanical Sciences</i> , 2018 , 149, 583-590	5.5	3
206	Effect of matrix ductility on fatigue strength of unidirectional jute spun yarns impregnated with biodegradable plastics. <i>Advanced Composite Materials</i> , 2018 , 27, 235-247	2.8	4
205	Fracture toughness distribution of alumina-titanium functionally graded materials fabricated by spark plasma sintering. <i>Journal of Alloys and Compounds</i> , 2018 , 766, 1-11	5.7	18

204	Crystallography of intergranular corrosion in sensitized austenitic stainless steel. <i>Materials Characterization</i> , 2018 , 144, 219-226	3.9	25
203	Monte Carlo Simulation Based on SCC Test Results in Hydrogenated Steam Environment for Alloy 600. <i>Minerals, Metals and Materials Series</i> , 2018 , 335-345	0.3	
202	Influence of Thickness on Tensile Property of Copper Foil. <i>Key Engineering Materials</i> , 2018 , 774, 19-24	0.4	
201	Potential use of CNTs for production of zero thermal expansion coefficient composite materials: An experimental evaluation of axial thermal expansion coefficient of CNTs using a combination of thermal expansion and uniaxial tensile tests. <i>Composites Part A: Applied Science and Manufacturing</i> , 2017 , 95, 152-160	8.4	55
200	Double edge thermal crack problem for an interpenetrating phase composite: Application of a matrixity-based thermal conductivity model. <i>Engineering Fracture Mechanics</i> , 2017 , 177, 167-179	4.2	4
199	Fabrication of a PSZ-Ti functionally graded material by spark plasma sintering and its fracture toughness. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2017 , 682, 656-663	5.3	31
198	On the \bar{J} -integral to characterize elastic-plastic fatigue crack growth. <i>Engineering Fracture Mechanics</i> , 2017 , 176, 300-307	4.2	17
197	Development of large-movements and high-force electrothermal bimorph actuators based on aligned carbon nanotube reinforced epoxy composites. <i>Sensors and Actuators A: Physical</i> , 2017 , 267, 455-463	3.9	18
196	Densification process in fabrication of PSZ-Ti composites by spark plasma sintering technique. <i>Materials Characterization</i> , 2017 , 132, 230-238	3.9	17
195	Mechanical properties of cross-ply and quasi-isotropic composite laminates processed using aligned multi-walled carbon nanotube/epoxy prepreg. <i>Advanced Composite Materials</i> , 2017 , 26, 157-168	2.8	15
194	Recycling of carbon fiber reinforced plastic containing amine-cured epoxy resin using supercritical and subcritical fluids. <i>Journal of Supercritical Fluids</i> , 2017 , 119, 44-51	4.2	47
193	Key factors limiting carbon nanotube strength: Structural characterization and mechanical properties of multi-walled carbon nanotubes. <i>Mechanical Engineering Journal</i> , 2017 , 4, 17-00029-17-00029	0.5	11
192	Effects of structural defects on strength and fracture properties of multi-walled carbon nanotubes. <i>Transactions of the JSME (in Japanese)</i> , 2017 , 83, 16-00283-16-00283	0.2	3
191	Damping Vibration Analysis of FRP Laminate Using Mode Superposition and Homogenization Method. <i>Journal of the Japan Society for Composite Materials</i> , 2017 , 43, 2-8	0.1	1
190	Improving mechanical properties of high volume fraction aligned multi-walled carbon nanotube/epoxy composites by stretching and pressing. <i>Composites Part B: Engineering</i> , 2016 , 85, 15-23	10	44
189	A micromechanics-based incremental damage theory of bulk metallic glass matrix composites. <i>International Journal of Damage Mechanics</i> , 2016 , 25, 358-376	3	6
188	Preparation and performance evaluation of electrothermal actuators using aligned carbon nanotube reinforced epoxy composites. <i>Mechanical Engineering Journal</i> , 2016 , 3, 15-00607-15-00607	0.5	1
187	Simulation of water impregnation through vertically aligned CNT forests using a molecular dynamics method. <i>Scientific Reports</i> , 2016 , 6, 32262	4.9	10

186	Mechanical property enhancement of aligned multi-walled carbon nanotube sheets and composites through press-drawing process. <i>Advanced Composite Materials</i> , 2016 , 25, 73-86	2.8	17
185	Fatigue strength and fatigue fracture mechanism of three-sheet spot weld-bonded joints under tensile-shear loading. <i>International Journal of Fatigue</i> , 2016 , 87, 424-434	5	10
184	Elastic analysis of tensile behavior of a composite using unidirectionally aligned staple-spun yarn preform. <i>Textile Research Journal</i> , 2016 , 86, 440-448	1.7	
183	122 On The Π -Integral to Characterized Elastic-Plastic Fatigue Crack Growth. <i>The Proceedings of Conference of Tokai Branch</i> , 2016 , 2016.65, _122-1_ _122-2_	0	
182	Ceramic-metal interface fabricated by spark plasma sintering and its mechanical properties. <i>The Proceedings of the Materials and Mechanics Conference</i> , 2016 , 2016, OS08-10	0	
181	Evaluation and temperature dependence of axial thermal expansion coefficient of carbon nanotubes based on measurements of thermal expansion for aligned carbon nanotube composites. <i>The Proceedings of Autumn Conference of Tohoku Branch</i> , 2016 , 2016.52, 116	0	
180	Effects of interfacial thermal resistance on surface cracking in a coating layer bonded to a substrate. <i>Mechanical Engineering Letters</i> , 2016 , 2, 16-00436-16-00436	0.5	3
179	Temperature dependence of axial thermal expansion coefficient of multi-walled carbon nanotubes (A procedure based on measurements of coefficient of thermal expansion for aligned carbon nanotube/epoxy composites). <i>Transactions of the JSME (in Japanese)</i> , 2016 , 82, 16-00228-16-00228	0.2	1
178	Evaluation of Very High Cycle Fatigue Properties of Titanium Alloy by Using an Ultrasonic Tensile-Compressive Fatigue Testing Machine. <i>Key Engineering Materials</i> , 2016 , 725, 366-371	0.4	2
177	Evaluation of interfacial shear stress between multi-walled carbon nanotubes and epoxy based on strain distribution measurement using Raman spectroscopy. <i>Composites Part A: Applied Science and Manufacturing</i> , 2016 , 85, 192-198	8.4	14
176	Effects of CNT diameter on mechanical properties of aligned CNT sheets and composites. <i>Composites Part A: Applied Science and Manufacturing</i> , 2015 , 76, 289-298	8.4	50
175	Experimental and numerical investigation of stress corrosion cracking of sensitized type 304 stainless steel under high-temperature and high-purity water. <i>Corrosion Science</i> , 2015 , 97, 139-149	6.8	28
174	Negative axial thermal expansion coefficient of carbon nanotubes: Experimental determination based on measurements of coefficient of thermal expansion for aligned carbon nanotube reinforced epoxy composites. <i>Carbon</i> , 2015 , 95, 904-909	10.4	70
173	Construction of Electronic Factual Database on Very High Cycle Fatigue Properties for Structural Metallic Materials. <i>Key Engineering Materials</i> , 2015 , 664, 12-21	0.4	1
172	Fabrication of PSZ ₃ composites by spark plasma sintering and their mechanical properties. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2015 , 621, 166-172	5.3	20
171	Effect of Cyclic Frequency and Time-Dependent Fracture on Fatigue Strength of Jute Monofilament. <i>Journal of the Japan Society for Composite Materials</i> , 2015 , 41, 47-54	0.1	1
170	Fatigue Property and Fatigue Damage Accumulation of Jute Monofilament. <i>Journal of the Japan Society for Composite Materials</i> , 2015 , 41, 25-32	0.1	1
169	Damping Vibration Analysis of Composite Materials Using Mode Superposition and Homogenization Method. <i>Journal of the Japan Society for Composite Materials</i> , 2015 , 41, 9-18	0.1	2

168	Fatigue property in paper-based friction materials under out-of-plane compressive loading. <i>Journal of Reinforced Plastics and Composites</i> , 2015 , 34, 1593-1602	2.9	1
167	PS0010-225 Evaluation of very high cycle fatigue properties of Titanium alloy by using an ultrasonic fatigue testing machine. <i>The Proceedings of the Materials and Mechanics Conference</i> , 2015 , 2015, _PS0010-22-_PS0010-22	0	
166	OS8-12 Four-Point Bending Technique for Evaluation of Low Cycle Fatigue Behavior in Steel for Pressure Vessels(Fatigue life prediction,OS8 Fatigue and fracture mechanics,STRENGTH OF MATERIALS). <i>The Abstracts of ATEM International Conference on Advanced Technology in Experimental Mechanics Asian Conference on Experimental Mechanics</i> , 2015 , 2015.14, 122	0	
165	Influence of particle size and debonding damage on an elastic-plastic singular field around a crack-tip in particulate-reinforced composites. <i>Acta Mechanica</i> , 2014 , 225, 1373-1389	2.1	3
164	Multi-physics simulation of oxygen diffusion in PSZrTi composites during spark plasma sintering process. <i>Computational Materials Science</i> , 2014 , 95, 29-34	3.2	10
163	Chemical recycling of carbon fiber reinforced plastic using supercritical methanol. <i>Journal of Supercritical Fluids</i> , 2014 , 91, 68-76	4.2	76
162	Tensile mechanical properties of carbon nanotube/epoxy composite fabricated by pultrusion of carbon nanotube spun yarn preform. <i>Composites Part A: Applied Science and Manufacturing</i> , 2014 , 62, 32-38	8.4	42
161	Fatigue properties of carburized alloy steel in very high cycle regime under torsional loading. <i>International Journal of Fatigue</i> , 2014 , 60, 57-62	5	25
160	Effects of stretching on mechanical properties of aligned multi-walled carbon nanotube/epoxy composites. <i>Composites Part A: Applied Science and Manufacturing</i> , 2014 , 64, 194-202	8.4	39
159	Three dimensional orientation angle distribution counting and calculation for the mechanical properties of aligned carbon nanotube/epoxy composites. <i>Composites Part A: Applied Science and Manufacturing</i> , 2014 , 65, 1-9	8.4	22
158	Effect of Prepreg Stretching on the Mechanical Properties of Aligned Carbon Nanotube/Epoxy Composites. <i>Journal of the Japan Society for Composite Materials</i> , 2014 , 40, 209-217	0.1	
157	Carbon Nanotubes/Carbon Fiber Polymer Matrix Hybrid Composites. <i>Journal of the Japan Society for Composite Materials</i> , 2014 , 40, 275-282	0.1	1
156	Stress corrosion cracking of sensitized stainless steel type 304 in high-temperature, high-purity water environment 2014 , 386-390		1
155	Stress transfer efficiency in aligned multi-wall carbon nanotubes sheet/epoxy composites. <i>Composites Part A: Applied Science and Manufacturing</i> , 2014 , 67, 16-21	8.4	15
154	Fretting Fatigue Testing of Carburized Alloy Steel in Very High Cycle Regime Using an Ultrasonic Torsional Fatigue Testing Machine. <i>Advanced Materials Research</i> , 2014 , 891-892, 1152-1156	0.5	
153	503 SUS304????????????????????????????????????(GS ?????). <i>The Proceedings of Conference of Tokai Branch</i> , 2014 , 2014.63, _520-1-_520-2_	0	
152	OS0527 Time-dependent Fracture of Jute Monofilament. <i>The Proceedings of the Materials and Mechanics Conference</i> , 2014 , 2014, _OS0527-1-_OS0527-3_	0	
151	521 PSZ-Ti ?????????????????????????????????????(GS ???????). <i>The Proceedings of Conference of Tokai Branch</i> , 2014 , 2014.63, _521-1-_521-2_	0	

150	Biofiber-Reinforced Thermoset Composites 2013 , 213-237		1
149	Nanosopic observations for evaluating the failure process of aligned multi-walled carbon nanotube/epoxy composites. <i>Composites Science and Technology</i> , 2013 , 88, 48-56	8.6	18
148	531 Stress Corrosion Crack Initiation Behavior on Austenitic Stainless Steel under High-Temperature and High-Purity Water Environment. <i>The Proceedings of Conference of Tokai Branch</i> , 2013 , 2013.62, 321-322	0	
147	Mechanical Properties of Aligned Carbon Nanotube/Epoxy Composites. <i>Journal of the Japan Society for Composite Materials</i> , 2013 , 39, 240-247	0.1	4
146	Fracture Mechanics Study on Stress Corrosion Cracking Behavior under Corrosive Environment. <i>Journal of Solid Mechanics and Materials Engineering</i> , 2013 , 7, 341-356		6
145	Shear-Compressive Strength and Fatigue Properties of Paper-Based Friction Materials. <i>Nihon Kikai Gakkai Ronbunshu, A Hen/Transactions of the Japan Society of Mechanical Engineers, Part A</i> , 2013 , 79, 1-12		1
144	Influence of Strength Level of Steels on Fatigue Strength and Fatigue Fracture Mechanism of Spot Weld-Bonded Joints. <i>Zairyo/Journal of the Society of Materials Science, Japan</i> , 2013 , 62, 770-777	0.1	5
143	Patch-type large strain sensor using elastomeric composite filled with carbon nanofibers. <i>International Journal of Aeronautical and Space Sciences</i> , 2013 , 14, 146-151	1.2	10
142	OS0908 Influence of Applied Stress and Load Cycles on Micro-Damage in Paper-based Friction Materials under Out-of-plane Compressive Loading. <i>The Proceedings of the Materials and Mechanics Conference</i> , 2013 , 2013, _OS0908-1_-_OS0908-3_	0	
141	OS0907 Fabrication and Strength Evaluation of PSZ-Ti Composites by Spark Plasma Sintering. <i>The Proceedings of the Materials and Mechanics Conference</i> , 2013 , 2013, _OS0907-1_-_OS0907-3_	0	
140	528 Fabrication and Evaluation Mechanical Properties of PSZ-Ti Composites by Spark Plasma Sintering. <i>The Proceedings of Conference of Tokai Branch</i> , 2013 , 2013.62, 315-316	0	
139	OS0902 Elastic Analysis of Composite Materials Using Spun Yarn as Preform. <i>The Proceedings of the Materials and Mechanics Conference</i> , 2013 , 2013, _OS0902-1_-_OS0902-3_	0	
138	Ultrasonic dispersion of SiO ₂ particles in glassy epoxy resin. <i>Journal of Composite Materials</i> , 2012 , 46, 1159-1168	2.7	10
137	Derivation of J Integral for Evaluation of Stress Corrosion Cracking Behavior in Plastic Deformation Field. <i>Zairyo To Kankyo/Corrosion Engineering</i> , 2012 , 61, 52-55	0.5	3
136	Fatigue Behavior of Unidirectional Jute Spun Yarn Reinforced PLA. <i>Advanced Composite Materials</i> , 2012 , 21, 1-10	2.8	12
135	Evaluation of Debonding Fracture Toughness of Paper-Based Friction Materials by Double-Cantilever Beam Specimen. <i>Nihon Kikai Gakkai Ronbunshu, A Hen/Transactions of the Japan Society of Mechanical Engineers, Part A</i> , 2012 , 78, 902-911		1
134	Evaluation of Stress Corrosion Cracking Behavior Around the Interface Between Alloy182 and Low Alloy Steel by KJ. <i>Zairyo To Kankyo/Corrosion Engineering</i> , 2012 , 61, 177-181	0.5	4
133	PS32 Development of Accelerated Fretting Fatigue Testing Method By Using Ultrasonic Torsional Fatigue Testing Machine. <i>The Proceedings of the Materials and Mechanics Conference</i> , 2012 , 2012, _PS32-1_-_PS32-3_		

132	OS0122 Mechanics of Unidirectional Yarn Reinforced Composites. <i>The Proceedings of the Materials and Mechanics Conference, 2012</i> , 2012, _OS0122-1_-_OS0122-3_	0	
131	606 Development of Micro-tensile Testing Machine and Evaluation of Tensile Property of Metallic Foil. <i>The Proceedings of Conference of Tokai Branch, 2012</i> , 2012.61, _606-1_-_606-2_	0	
130	PS25 Fatigue Property of Unidirectional Jute Spun Yarn Reinforced PBS Composites. <i>The Proceedings of the Materials and Mechanics Conference, 2012</i> , 2012, _PS25-1_-_PS25-3_	0	
129	Development of Ultrasonic Torsional Fatigue Tester to Evaluate Rolling Bearing Steels 2012 , 1-18		
128	Development of Ultrasonic Torsional Fatigue Tester to Evaluate Rolling Bearing Steels 2012 , 237-254		2
127	Mechanical Properties of Carbon Fiber Reinforced Plastics under Hot-Wet Environment. <i>Key Engineering Materials, 2011</i> , 462-463, 207-212	0.4	4
126	Fatigue strength of a paper-based friction material under shear-compressive loading. <i>Strength, Fracture and Complexity, 2011</i> , 7, 185-193	0.7	4
125	Influence of Constituents on Quasi-Static Strength of Paper-Based Friction Materials. <i>Nihon Kikai Gakkai Ronbunshu, A Hen/Transactions of the Japan Society of Mechanical Engineers, Part A, 2011</i> , 77, 1712-1722		1
124	Mechanical properties of aligned multi-walled carbon nanotube/epoxy composites processed using a hot-melt prepreg method. <i>Composites Science and Technology, 2011</i> , 71, 1826-1833	8.6	101
123	Anisotropic carbon nanotube papers fabricated from multiwalled carbon nanotube webs. <i>Carbon, 2011</i> , 49, 2437-2443	10.4	118
122	Fatigue Properties of Spot Welded and Spot Weld-Bonded Joints of Steel Sheet. <i>Procedia Engineering, 2011</i> , 10, 1075-1080		15
121	Influence of Strength Level of Steels on Fatigue Strength and Fracture Morphology of Spot Welded Joints. <i>Key Engineering Materials, 2011</i> , 462-463, 94-99	0.4	
120	Effect of Material Composition on Mechanical Properties of Ceramics-Metal Composite Materials. <i>Key Engineering Materials, 2011</i> , 462-463, 100-105	0.4	2
119	Cyclic Behavior of Electrical Resistance Type Low Stiffness, Large Strain Sensor by Using Carbon Nanofiber/Flexible Epoxy Composite. <i>Key Engineering Materials, 2011</i> , 462-463, 1200-1205	0.4	7
118	OS16-1-4 Tensile Property of Carbon Nanotube Spun Yarn Reinforced Composite. <i>The Abstracts of ATEM International Conference on Advanced Technology in Experimental Mechanics Asian Conference on Experimental Mechanics, 2011</i> , 2011.10, _OS16-1-4-	0	
117	OS1517 Mechanical Property of Polymer Composite using Carbon Nanotube Preform. <i>The Proceedings of the Materials and Mechanics Conference, 2011</i> , 2011, _OS1517-1_-_OS1517-3_	0	
116	765 Evaluation of Stress Corrosion Cracking Behavior Based on Nonlinear Fracture Mechanics. <i>The Proceedings of Conference of Tokai Branch, 2011</i> , 2011.60, _765-1_-_765-2_	0	
115	Fatigue Property and Mechanism of Unidirectional Jute Spun Yarn Reinforced PLA. <i>Journal of the Japan Society for Composite Materials, 2011</i> , 37, 203-208	0.1	

114	OS12-1-1 Influence of Strength Level of Steels on Fatigue Strength of Spot Welded and Spot Weld-Bonded Joints. <i>The Abstracts of ATEM International Conference on Advanced Technology in Experimental Mechanics Asian Conference on Experimental Mechanics, 2011, 2011.10, _OS12-1-1-</i>	0	
113	Analysis of Crack-Tip Field of Particulate-Reinforced Composites Taking Account of Particle Size Effect and Debonding Damage. <i>Key Engineering Materials, 2010, 452-453, 625-628</i>	0.4	
112	A constitutive model of particulate-reinforced composites taking account of particle size effects and damage evolution. <i>Composites Part A: Applied Science and Manufacturing, 2010, 41, 313-321</i>	8.4	38
111	Reciprocating Bending Deformation and Mechanical Response of Shape-control Plate Using NiTi Shape Memory Alloy Wire. <i>Journal of Intelligent Material Systems and Structures, 2010, 21, 941-951</i>	2.3	1
110	Electrical Resistance Change under Strain of CNF/Flexible-Epoxy Composite. <i>Advanced Composite Materials, 2010, 19, 123-138</i>	2.8	45
109	Microscopic Structure Control of Carbon Nanofiller/Epoxy Composite by Using AC Electrical Field and the Effect on Physical Properties. <i>Journal of Solid Mechanics and Materials Engineering, 2010, 4, 1550-1562</i> ¹		
108	Fabrication and Strength Evaluation of Biocompatible Ceramic-Metal Composite Materials. <i>Journal of Solid Mechanics and Materials Engineering, 2010, 4, 1699-1710</i>		16
107	Quantitative Dependence of the Effective Modulus of Particle Reinforced Composites on Partially Debonding Damage. <i>Journal of Solid Mechanics and Materials Engineering, 2010, 4, 1083-1093</i>		
106	Monte Carlo Simulation of Stress Corrosion Cracking on Smooth Surface of a Sensitized Stainless Steel Type 304 under Non-Uniform Stress Condition. <i>Journal of Solid Mechanics and Materials Engineering, 2010, 4, 898-907</i>		1
105	An analytical model to study the effective stiffness of the composites with periodically distributed sphere particles. <i>Composite Structures, 2010, 92, 216-222</i>	5.3	5
104	The Contribution of the Fracture Mechanics for Testing Method which Evaluates Stress Corrosion Cracks Initiation to Propagation Process. <i>Zairyo/Journal of the Society of Materials Science, Japan, 2010, 59, 890-899</i>	0.1	3
103	Very High Cycle Fatigue Properties of Carburized Steel by Ultrasonic Torsional Fatigue Testing. <i>Zairyo/Journal of the Society of Materials Science, Japan, 2010, 59, 938-943</i>	0.1	3
102	Tensile Strength of Carbon Fibers Reclaimed from CF/Epoxy Composite Using Subcritical Water and Supercritical Methanol. <i>Zairyo/Journal of the Society of Materials Science, Japan, 2010, 59, 964-969</i>	0.1	5
101	658 Effect of Grain Boundary on Deformation Behavior of Cu Thin Film by Molecular Dynamics Analysis. <i>The Proceedings of Conference of Tokai Branch, 2010, 2010.59, 381-382</i>	0	
100	605 Fabrication and Strength Evaluation of Partially Stabilized Zirconia-Titanium Biocompatible Composite by Metal Injection Molding. <i>The Proceedings of Conference of Tokai Branch, 2010, 2010.59, 345-346</i>	0	
99	Improvement of Computational Efficiency by Hierarchization for Monte Carlo Simulation of Stress Corrosion Cracking. <i>Zairyo/Journal of the Society of Materials Science, Japan, 2010, 59, 944-949</i>	0.1	
98	T0101-1-4 Fatigue strength of paper-based friction materials under tensile and compressive-shear loading. <i>The Proceedings of the JSME Annual Meeting, 2010, 2010.8, 7-8</i>		
97	657 Analysis of Stress singularity and fracture behavior for CFRP laminated single-lap bonded joint. <i>The Proceedings of Conference of Tokai Branch, 2010, 2010.59, 379-380</i>	0	

96	660 Study on Fatigue Strength under Combined Load of Compression-Shear and Compressive Deformation Behavior of Friction Paper. <i>The Proceedings of Conference of Tokai Branch</i> , 2010 , 2010.59, 385-386	0	
95	659 A Study on Fatigue Fracture Behavior and Strength Evaluation in Spot Weld Bonded Joints of Steel Sheet. <i>The Proceedings of Conference of Tokai Branch</i> , 2010 , 2010.59, 383-384	0	
94	Zhejiang Sci-Tech University and JCOM Joint Workshop on Composite Materials and Third China-Japan Joint Seminar on Green Composites <i>Zairyo/Journal of the Society of Materials Science, Japan</i> , 2010 , 59, 257-258	0.1	
93	FEM Analysis Study on Fatigue Strength and Fracture Morphology in Spot Welded Joints of Structural Steels. <i>Zairyo/Journal of the Society of Materials Science, Japan</i> , 2009 , 58, 627-634	0.1	8
92	Monte Carlo simulation of stress corrosion cracking on a smooth surface of sensitized stainless steel type 304. <i>Corrosion Science</i> , 2009 , 51, 2208-2217	6.8	18
91	A micro-mechanics model for composites reinforced by regularly distributed particles with an inhomogeneous interphase. <i>Computational Materials Science</i> , 2009 , 46, 507-515	3.2	22
90	206 Fatigue Fracture Behavior of Two Types of Spot Welded Joints Subjected to Shear Loading. <i>The Proceedings of Conference of Tokai Branch</i> , 2009 , 2009.58, 87-88	0	
89	PS21 Fabrication and Strength Evaluation of Partially Stabilized Zirconia-Titanium Composites. <i>The Proceedings of the Materials and Mechanics Conference</i> , 2009 , 2009, 476-477	0	
88	211 Study on Fatigue Strength properties of Structural steel S45C, SCM435 and Residual Fatigue life Prediction of an Axle. <i>The Proceedings of Conference of Tokai Branch</i> , 2009 , 2009.58, 95-96	0	
87	A Micromechanics Model of Particle-Reinforced Composites Taking Account of the Debonding Damage and Particle Size Effect. <i>Nihon Kikai Gakkai Ronbunshu, A Hen/Transactions of the Japan Society of Mechanical Engineers, Part A</i> , 2008 , 74, 1095-1103		
86	Monte Carlo Simulation Taking Account of Surface Crack Effect for Stress Corrosion Cracking in a Stainless Steel SUS 304. <i>Nihon Kikai Gakkai Ronbunshu, A Hen/Transactions of the Japan Society of Mechanical Engineers, Part A</i> , 2008 , 74, 128-136		1
85	Damage and Fault Diagnosis of In-service Structure via Statistical Comparison of Relation between Sensor measurements (Damage Diagnosis of in-service Structure under High Noise Environment using Multiple Reference Data). <i>Journal of Solid Mechanics and Materials Engineering</i> , 2008 , 2, 1114-1125		3
84	Deformation Behavior and Mechanical Response of Shape-Control Plate Using NiTi Shape Memory Alloy Wire. <i>Nihon Kikai Gakkai Ronbunshu, A Hen/Transactions of the Japan Society of Mechanical Engineers, Part A</i> , 2008 , 74, 260-267		1
83	Evaluation of Fracture Toughness Distribution and Estimation of Residual Stress in Ceramic-Metal Functionally Graded Materials. <i>Zairyo/Journal of the Society of Materials Science, Japan</i> , 2008 , 57, 603-610 ^{0.1}		
82	Influence of microstructure on fracture toughness distribution in ceramic-metal functionally graded materials. <i>Engineering Fracture Mechanics</i> , 2008 , 75, 4529-4541	4.2	28
81	1313 Study for the optimization of the sensor position in fatigue damage monitoring of pipe using the SI-F method. <i>The Proceedings of the JSME Annual Meeting</i> , 2008 , 2008.6, 363-364		
80	166 Fabricating Hydroxyapatite-Ti composite and strength evaluation. <i>The Proceedings of Conference of Tokai Branch</i> , 2008 , 2008.57, 67-68	0	
79	PS24 Development of Ultrasonic Torsion Fatigue Testing Machine. <i>The Proceedings of the Materials and Mechanics Conference</i> , 2008 , 2008, _PS24-1_-_PS24-2_	0	

78	OS0603 Multiscale Modeling for Monte Carlo Simulation of Stress Corrosion Cracking. <i>The Proceedings of the Materials and Mechanics Conference, 2008</i> , 2008, _OS0603-1_-_OS0603-2_	0	
77	PS32 Measurement of conductive and mechanical properties of unidirectionally aligned CNF/Epoxy composites. <i>The Proceedings of the Materials and Mechanics Conference, 2008</i> , 2008, _PS32-1_-_PS32-2_	0	
76	Monte Carlo Simulation of Stress Corrosion Cracking on Smooth Surface under Non-Uniform Stress Condition. <i>Zairyo/Journal of the Society of Materials Science, Japan, 2008</i> , 57, 1191-1197	0.1	1
75	PS13 Study on Fatigue Strength of Cr-Mo steel SCM435 and Residual Fatigue Life Prediction of an Axle. <i>The Proceedings of the Materials and Mechanics Conference, 2008</i> , 2008, _PS13-1_-_PS13-2_	0	
74	Mechanism of Electrical Impedance Increase of CFRP in Fiber Direction Under Moisture Absorption. <i>Journal of the Japan Society for Composite Materials, 2008</i> , 34, 133-140	0.1	
73	Monte Carlo Simulation of Stress Corrosion Cracking in Structural Metal Materials Taking Account of Surface Crack Effects. <i>Key Engineering Materials, 2007</i> , 353-358, 1068-1071	0.4	2
72	Statistical Damage Detection of Laminated CFRP Beam Using Electrical Resistance Change Method. <i>Key Engineering Materials, 2007</i> , 353-358, 1330-1333	0.4	6
71	Statistical Damage Detection of Laminated CFRP Beam Using Electrical Resistance Change Method. <i>Key Engineering Materials, 2007</i> , 353-358, 2337-2340	0.4	1
70	FRP Fracture Simulation Using Parallel Processing on a PC Cluster. <i>Key Engineering Materials, 2007</i> , 353-358, 1382-1385	0.4	
69	Nanostructural Control of Carbon Nanofiller/ Epoxy Composite by Using an Alternating Electric Field. <i>Zairyo/Journal of the Society of Materials Science, Japan, 2007</i> , 56, 393-398	0.1	6
68	OS17-3-5 Improvement of the accuracy of the selection index for standard data group of the statistical damage diagnosis method. <i>The Abstracts of ATEM International Conference on Advanced Technology in Experimental Mechanics Asian Conference on Experimental Mechanics, 2007</i> , 2007.6, _OS17-3-5--_OS17-3-5-	0	
67	P035 Development of Fatigue Testing Machine and Fatigue Property of Metal Free Reed. <i>The Proceedings of the Materials and Mechanics Conference, 2007</i> , 2007, 665-666	0	
66	316 Development of Fatigue Testing Machine and Fatigue Property of Metal Free Reed. <i>The Proceedings of Conference of Tokai Branch, 2007</i> , 2007.56, 147-148	0	
65	310 Fatigue Strength and Three-Dimensional Fatigue Crack Growth Process on Spot Welded Joints of Structural Steels. <i>The Proceedings of Conference of Tokai Branch, 2007</i> , 2007.56, 135-136	0	
64	OS17-1-2 Deformation and mechanical response of shape-control plate using NiTi shape memory alloy wire. <i>The Abstracts of ATEM International Conference on Advanced Technology in Experimental Mechanics Asian Conference on Experimental Mechanics, 2007</i> , 2007.6, _OS17-1-2--_OS17-1-2-	0	
63	Novel Polymer Film Sensor for Moisture Absorption Ratio in GFRP Laminates. <i>Zairyo/Journal of the Society of Materials Science, Japan, 2007</i> , 56, 426-431	0.1	
62	OS17-2-1 Large-strain sensing ability of carbon-nanofiller/flexible-epoxy composites. <i>The Abstracts of ATEM International Conference on Advanced Technology in Experimental Mechanics Asian Conference on Experimental Mechanics, 2007</i> , 2007.6, _OS17-2-1--_OS17-2-1-	0	
61	OS17-3-6 Optimization of the statistical model for the statistical damage diagnostic method. <i>The Abstracts of ATEM International Conference on Advanced Technology in Experimental Mechanics Asian Conference on Experimental Mechanics, 2007</i> , 2007.6, _OS17-3-6--_OS17-3-6-	0	

60	Matrix crack detection of CFRP using electrical resistance change with integrated surface probes. <i>Composites Science and Technology</i> , 2006 , 66, 1539-1545	8.6	85
59	Detectability of Bearing Failure of Composite Bolted Joints by Electric Resistance Change Method. <i>Key Engineering Materials</i> , 2006 , 321-323, 957-962	0.4	10
58	Impact behavior and energy transfer efficiency of pulse-driven bent-beam electrothermal actuators. <i>Journal of Microelectromechanical Systems</i> , 2006 , 15, 101-110	2.5	13
57	Influence of Strength Level of Steels on Fatigue Strength and Fatigue Fracture Mechanism of Spot Welded Joints. <i>Zairyo/Journal of the Society of Materials Science, Japan</i> , 2006 , 55, 1095-1101	0.1	13
56	504 Influence of Microstructure on Fracture Toughness Distribution in PSZ-SUS 304 Functionally Graded Material. <i>Proceedings of the 1992 Annual Meeting of JSME/MMD</i> , 2006 , 2006, 265-266		
55	405 Standard data selection method for the long-term diagnosis using the unsupervised damage diagnosis. <i>Proceedings of the 1992 Annual Meeting of JSME/MMD</i> , 2006 , 2006, 205-206		
54	510 Fatigue Strength and Fracture Mechanism on Spot Welded Joints of Ultra-High Strength Steel. <i>The Proceedings of Conference of Tokai Branch</i> , 2006 , 2006.55, 209-210	0	
53	Passive wireless strain monitoring of a tire using capacitance and electromagnetic induction change. <i>Advanced Composite Materials</i> , 2005 , 14, 147-164	2.8	15
52	Electrical resistance change method for monitoring delaminations of CFRP laminates: effect of spacing between electrodes. <i>Composites Science and Technology</i> , 2005 , 65, 37-46	8.6	76
51	Detection of Matrix Cracking of CFRP Using Electrical Resistance Changes. <i>Key Engineering Materials</i> , 2005 , 297-300, 2096-2101	0.4	11
50	Application of Electric Resistance Change Method to Damage Detection of CFRP Bolted Joints. <i>Key Engineering Materials</i> , 2005 , 297-300, 653-658	0.4	8
49	Monitoring delamination of laminated CFRP using the electric potential change method (two-stage monitoring for robust estimation). <i>Advanced Composite Materials</i> , 2005 , 14, 83-97	2.8	12
48	Simulation of debonding for skin/stiffener composite structures. <i>Advanced Composite Materials</i> , 2005 , 14, 63-81	2.8	2
47	Identifying Delamination in Cross-ply and Quasi-isotropic Beams of CFRP by a Standardized Electrical Resistance Method. <i>Polymers and Polymer Composites</i> , 2004 , 12, 75-85	0.8	5
46	Matrix Cracking Detection of CFRP Using Electric Resistance Changes. <i>Zairyo/Journal of the Society of Materials Science, Japan</i> , 2004 , 53, 962-966	0.1	2
45	Measurement of Moisture Absorption Ratio of FRP Using Micro Polymer Sensor. <i>Key Engineering Materials</i> , 2004 , 270-273, 1957-1964	0.4	3
44	Development of the Two-Step Delamination Identification Method by Resonant and Anti-Resonant Frequency Changes. <i>Key Engineering Materials</i> , 2004 , 270-273, 1852-1858	0.4	6
43	Effect of Fiber Volume Fraction on Monitoring Delamination of CFRP Laminates with Electric Resistance Change Method. <i>Key Engineering Materials</i> , 2004 , 270-273, 1935-1942	0.4	3

42	Damage Monitoring of Al ₂ O ₃ /Epoxy Laminates with Luminance Change of Transmitted Light from EL Device. <i>Science and Engineering of Composite Materials</i> , 2004 , 11, 111-122	1.5	
41	Multi-prove electric potential change method for delamination monitoring of graphite/epoxy composite plates using normalized response surfaces. <i>Composites Science and Technology</i> , 2004 , 64, 749-758	8.6	38
40	Electrical impedance change method for moisture absorption monitoring of CFRP. <i>Advanced Composite Materials</i> , 2004 , 13, 297-310	2.8	8
39	Monitoring delamination of laminated CFRP using the electric potential change method: Application of normalization method and the effect of the shape of a delamination crack. <i>Advanced Composite Materials</i> , 2004 , 13, 311-324	2.8	13
38	Effects with a matrix crack on monitoring by electrical resistance method. <i>Advanced Composite Materials</i> , 2004 , 13, 107-120	2.8	21
37	An unsupervised statistical damage detection method for structural health monitoring (applied to detection of delamination of a composite beam). <i>Smart Materials and Structures</i> , 2004 , 13, N80-N85	3.4	5
36	Novel zooming method for delamination monitoring of CFRP laminates using electrical potential change 2004 ,		1
35	Unsupervised Structural Damage Diagnosis Based on Change of Response Surface Using Statistical Tool. <i>JSME International Journal Series A-Solid Mechanics and Material Engineering</i> , 2004 , 47, 1-7		5
34	Wireless Strain Monitoring of Tire Using Capacitance Change with Oscillator. <i>Journal of the Japan Society for Composite Materials</i> , 2004 , 30, 55-62	0.1	1
33	Delamination Monitoring of CFRP Laminates Using Electrical Potential Method 2004 , 1018-1024		
32	Wireless strain monitoring using electrical capacitance change of tire: part I with oscillating circuit. <i>Smart Materials and Structures</i> , 2003 , 12, 403-409	3.4	26
31	Wireless strain monitoring using electrical capacitance change of tire: part II passive. <i>Smart Materials and Structures</i> , 2003 , 12, 410-416	3.4	12
30	Development of a Two-Step Delamination Identification Method Using Resonant and Anti-Resonant Frequency Changes.. <i>Nihon Kikai Gakkai Ronbunshu, A Hen/Transactions of the Japan Society of Mechanical Engineers, Part A</i> , 2003 , 69, 231-238		5
29	Luminance change method for strain and matrix cracking monitoring of glass/epoxy composites with EL backlight. <i>Composites Science and Technology</i> , 2003 , 63, 273-281	8.6	5
28	High performance estimations of delamination of graphite/epoxy laminates with electric resistance change method. <i>Composites Science and Technology</i> , 2003 , 63, 1911-1920	8.6	60
27	Stacking sequence optimizations using modified global response surface in lamination parameters. <i>Advanced Composite Materials</i> , 2003 , 12, 35-55	2.8	9
26	OS09W0053 Matrix crack detections of CFRP using electric resistance changes. <i>The Abstracts of ATEM International Conference on Advanced Technology in Experimental Mechanics Asian Conference on Experimental Mechanics</i> , 2003 , 2003.2, _OS09W0053-_OS09W0053	0	1
25	Analysis of the Effect of the Configuration of the Delamination Crack on Delamination Monitoring with Electric Resistance Change Method. <i>Journal of the Japan Society for Composite Materials</i> , 2003 , 29, 113-119	0.1	7

24	OS09W0059 Wireless Strain Monitoring of Tires Using Electric Capacitance Changes. <i>The Abstracts of ATEM International Conference on Advanced Technology in Experimental Mechanics Asian Conference on Experimental Mechanics</i> , 2003 , 2003.2, _OS09W0059-_OS09W0059	○	
23	OS09W0063 Piezoresistivity Measurement of CFRP for Reliable Gage Factor. <i>The Abstracts of ATEM International Conference on Advanced Technology in Experimental Mechanics Asian Conference on Experimental Mechanics</i> , 2003 , 2003.2, _OS09W0063-_OS09W0063	○	
22	Measurement of orthotropic electric conductance of CFRP laminates and analysis of the effect on delamination monitoring with an electric resistance change method. <i>Composites Science and Technology</i> , 2002 , 62, 619-628	8.6	176
21	Delamination monitoring of graphite/epoxy laminated composite plate of electric resistance change method. <i>Composites Science and Technology</i> , 2002 , 62, 1151-1160	8.6	99
20	Improved Electric Resistance Change Method for Delamination Monitoring of Graphite/Epoxy Composite Laminates 2002 , 113		
19	Unsupervised Structural Damage Diagnostic Method Using Judgement of Change of Response Surface by Statistical Tool. Application for Damage Detection of Composite Structure.. <i>Nihon Kikai Gakkai Ronbunshu, A Hen/Transactions of the Japan Society of Mechanical Engineers, Part A</i> , 2002 , 68, 1262-1267		4
18	Delamination Monitoring of Graphite/Epoxy Laminated Composite Plate with Electric Resistance Change Method 2002 ,		1
17	Investigation of the Location of the Electrodes in the Delamination Detection with Electric Resistance Change. <i>The Proceedings of the JSME Annual Meeting</i> , 2002 , 2002.6, 211-212		
16	Diagnosis of damage for Composite Laminate with Statistical diagnostic method using Mahalanobis Distance. <i>The Proceedings of the Computational Mechanics Conference</i> , 2002 , 2002.15, 415-416	○	
15	114 Bearing Failure Detection of Bolted Composite Joints Using Electric Resistance Change Method. <i>The Proceedings of the JSME Materials and Processing Conference (M&P)</i> , 2002 , 10.1, 362-365		
14	Improvement of Identification Performance of Delaminations of CFRP with Electric Resistance Change Method. <i>The Proceedings of the Computational Mechanics Conference</i> , 2002 , 2002.15, 409-410	○	
13	Stacking Sequence Optimizations Using Fractal Branch and Bound Method for Laminated Composites. <i>JSME International Journal Series A-Solid Mechanics and Material Engineering</i> , 2001 , 44, 490-498		23
12	Statistical Diagnosis for Damage Detection of Self-Learning Smart Structure.. <i>Nihon Kikai Gakkai Ronbunshu, A Hen/Transactions of the Japan Society of Mechanical Engineers, Part A</i> , 2001 , 67, 771-776		2
11	Smart Structure for Detection of Embedded Delamination of CFRP Plates Using Multi-Point Voltage Change.. <i>Nihon Kikai Gakkai Ronbunshu, A Hen/Transactions of the Japan Society of Mechanical Engineers, Part A</i> , 2001 , 67, 1002-1008		2
10	Composite Materials. Electric Resistance Change Method for Identification of Embedded Delamination of CFRP Plates.. <i>Zairyo/Journal of the Society of Materials Science, Japan</i> , 2001 , 50, 495-501 ^{○.1}		3
9	238 Effect of Orthotropic Electric Conductance on Detection of Delaminations with Electric Resistance Change. <i>The Proceedings of the Computational Mechanics Conference</i> , 2001 , 2001.14, 199-200 [○]		
8	Stacking Sequence Optimizations using Fractal-Branch and Bound Method for Laminated Composites.. <i>Nihon Kikai Gakkai Ronbunshu, A Hen/Transactions of the Japan Society of Mechanical Engineers, Part A</i> , 2000 , 66, 714-720		4
7	Damage Monitoring for Semi-Transparent Composites Using Luminance of EL Backlight.. <i>JSME International Journal Series A-Solid Mechanics and Material Engineering</i> , 2000 , 43, 76-82		2

- | | | |
|---|---|----|
| 6 | Identification of Delamination Cracks of CFRP by Electrical Potential Method.. <i>Nihon Kikai Gakkai Ronbunshu, A Hen/Transactions of the Japan Society of Mechanical Engineers, Part A</i> , 1999 , 65, 1330-1336 | 2 |
| 5 | Smart Structure for Delamination Detection of CFRP Using Response Surface of Electric Resistance Change of Multiple Electrodes.. <i>Nihon Kikai Gakkai Ronbunshu, A Hen/Transactions of the Japan Society of Mechanical Engineers, Part A</i> , 1999 , 65, 2432-2438 | 3 |
| 4 | Evaluation of Orthotropic Electrical Resistance for Delamination Detection of CFRP by Electrical Potential Method.. <i>Nihon Kikai Gakkai Ronbunshu, A Hen/Transactions of the Japan Society of Mechanical Engineers, Part A</i> , 1998 , 64, 1654-1659 | 12 |
| 3 | Effect of Fracture Mode on FRP Damage Simulation.. <i>Nihon Kikai Gakkai Ronbunshu, A Hen/Transactions of the Japan Society of Mechanical Engineers, Part A</i> , 1996 , 62, 328-334 | 2 |
| 2 | Fractal Property of Matrix Cracking in GFRP Cross-Ply Laminates. <i>JSME International Journal Series A-Solid Mechanics and Material Engineering</i> , 1995 , 38, 446-452 | |
| 1 | Accelerated axial fatigue testing of carbon fiber reinforced plastics quasi-isotropic laminate by using ultrasonic fatigue testing machine. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , | 3 |